

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009103.D
 Acq On : 11 Mar 2019 23:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 3/12/2019 1:16:08 PM

Quant Time: Mar 12 09:25:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	299322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	443584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	450586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	254110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	167008	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	
35) Dibromofluoromethane	7.88	113	144273	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
50) Toluene-d8	10.32	98	623295	56.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.64%	
62) 4-Bromofluorobenzene	12.62	95	247312	57.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.54%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	126622	41.975	ug/l	100
3) Chloromethane	2.21	50	180270	47.042	ug/l	100
4) Vinyl Chloride	2.36	62	192655	49.539	ug/l	96
5) Bromomethane	2.76	94	155405	47.339	ug/l	97
6) Chloroethane	2.91	64	141248	51.018	ug/l	97
7) Trichlorofluoromethane	3.26	101	223169	44.569	ug/l	100
8) Diethyl Ether	3.68	74	75221	49.130	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	134948	43.271	ug/l	99
10) Methyl Iodide	4.27	142	153194	45.586	ug/l	99
11) Tert butyl alcohol	5.16	59	62025	268.774	ug/l	99
12) 1,1-Dichloroethene	4.03	96	123399	45.871	ug/l	99
13) Acrolein	3.89	56	56677	223.190	ug/l	100
14) Allyl chloride	4.67	41	232061	48.904	ug/l	97
15) Acrylonitrile	5.37	53	174079	260.507	ug/l	99
16) Acetone	4.12	43	163210	240.169	ug/l	99
17) Carbon Disulfide	4.38	76	421843	46.607	ug/l	99
18) Methyl Acetate	4.67	43	84517	54.085	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	361304	50.772	ug/l	99
20) Methylene Chloride	4.92	84	162317	50.869	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	147946	47.630	ug/l	97
22) Diisopropyl ether	6.31	45	499399	52.959	ug/l	100
23) Vinyl Acetate	6.26	43	1473374	251.078	ug/l	99
24) 1,1-Dichloroethane	6.22	63	271624	49.661	ug/l	98
25) 2-Butanone	7.17	43	229227	244.074	ug/l	99
26) 2,2-Dichloropropane	7.17	77	216067	43.459	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	163701	49.071	ug/l	98
28) Bromochloromethane	7.51	49	114370	50.271	ug/l	97
29) Tetrahydrofuran	7.52	42	150403	254.127	ug/l	98
30) Chloroform	7.67	83	279570	49.647	ug/l	98
31) Cyclohexane	7.95	56	244926	43.611	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	247571	47.639	ug/l	99
36) 1,1-Dichloropropene	8.08	75	215949	46.559	ug/l	98
37) Ethyl Acetate	7.25	43	104669	48.044	ug/l	99
38) Carbon Tetrachloride	8.07	117	214951	44.875	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	261567	47.347	ug/l	96
40) Benzene	8.32	78	616127	49.762	ug/l	98
41) Methacrylonitrile	7.48	41	61507	50.840	ug/l	91
42) 1,2-Dichloroethane	8.40	62	194781	48.729	ug/l	100
43) Isopropyl Acetate	8.43	43	208224	51.317	ug/l	100
44) Trichloroethene	9.09	130	161126	46.431	ug/l	98
45) 1,2-Dichloropropane	9.37	63	152829	49.284	ug/l	99
46) Dibromomethane	9.46	93	82902	48.951	ug/l	98
47) Bromodichloromethane	9.64	83	209850	48.949	ug/l	99
48) Methyl methacrylate	9.43	41	102059	54.018	ug/l	92
49) 1,4-Dioxane	9.45	88	28838	1189.114	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	563814	273.707	ug/l	99
52) Toluene	10.39	92	436127	51.939	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	213347	50.317	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	238562	48.961	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	114265	49.779	ug/l	96
56) Ethyl methacrylate	10.65	69	162725	57.120	ug/l	98
57) 1,3-Dichloropropane	10.93	76	204199	50.216	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	388468	263.036	ug/l	99
59) 2-Hexanone	10.97	43	401514	277.232	ug/l	99
60) Dibromochloromethane	11.13	129	140426	49.433	ug/l	98
61) 1,2-Dibromoethane	11.24	107	112317	49.912	ug/l	98
64) Tetrachloroethene	10.86	164	170395	52.439	ug/l	99
65) Chlorobenzene	11.66	112	484905	49.442	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	155822	47.583	ug/l	98
67) Ethyl Benzene	11.73	91	880306	49.685	ug/l	99
68) m/p-Xylenes	11.84	106	690908	98.793	ug/l	99
69) o-Xylene	12.16	106	331574	50.956	ug/l	100
70) Styrene	12.18	104	546709	51.928	ug/l	100
71) Bromoform	12.35	173	86893	49.418	ug/l	# 99
73) Isopropylbenzene	12.46	105	906450	49.813	ug/l	100
74) N-amyl acetate	12.27	43	244465	56.749	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	142481	49.637	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	103490m	51.547	ug/l	
77) Bromobenzene	12.75	156	203162	48.863	ug/l	98
78) n-propylbenzene	12.80	91	1123007	50.102	ug/l	99
79) 2-Chlorotoluene	12.90	91	637278	50.604	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	799588	50.976	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	43799	48.796	ug/l	99
82) 4-Chlorotoluene	12.99	91	685004	51.028	ug/l	99
83) tert-Butylbenzene	13.21	119	700526	52.954	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	822685	51.848	ug/l	99
85) sec-Butylbenzene	13.38	105	993039	50.664	ug/l	99
86) p-Isopropyltoluene	13.50	119	890832	50.806	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	435489	49.839	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	430444	49.847	ug/l	100
89) n-Butylbenzene	13.83	91	842130	50.521	ug/l	99
90) Hexachloroethane	14.10	117	152635	50.473	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	392668	50.934	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28764	56.263	ug/l	99

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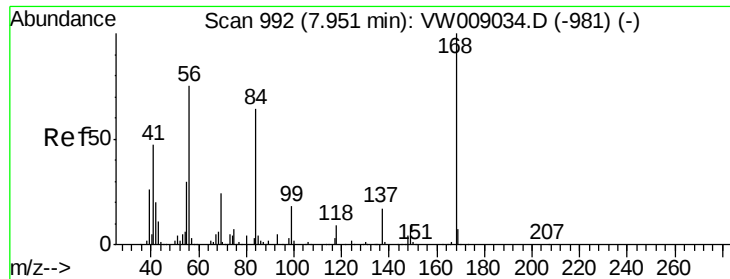
Quant Time: Mar 12 09:25:49 2019
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Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	271979	52.238	ug/l	98
94) Hexachlorobutadiene	15.24	225	161615	49.557	ug/l	100
95) Naphthalene	15.37	128	485203	56.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	237318	51.836	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Tot Ion: 168 Resp: 299322

Ion Ratio Lower Upper

168 100

99 54.0 42.2 63.2

Instrument :

MSVOA_W

ClientSampleId :

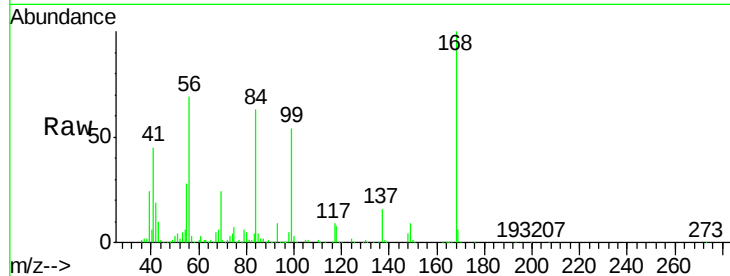
VSTDCCC050

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

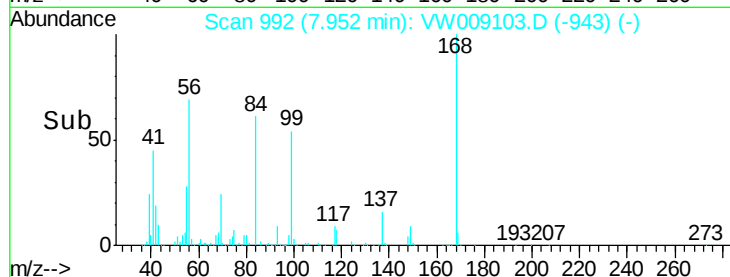
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100000

50000

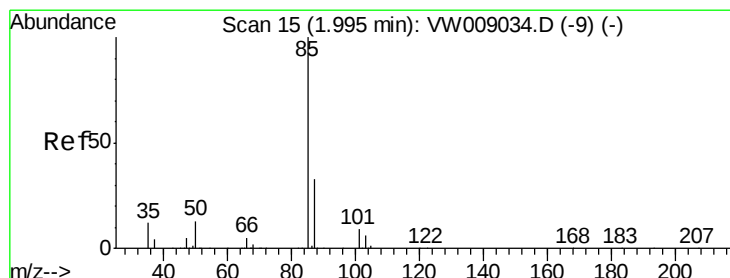
0

Time--> 7.80 7.90 8.00



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#2

Dichlorodifluoromethane

Concen: 41.975 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW009103.D

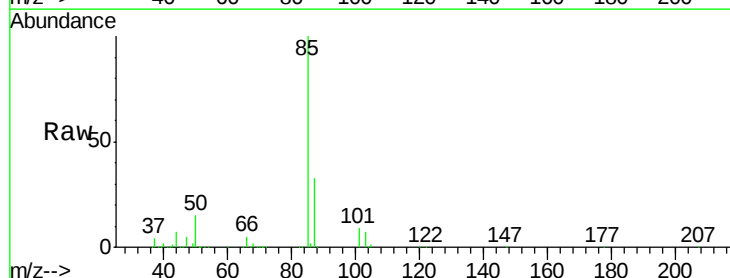
Acq: 11 Mar 2019 23:55

Tgt Ion: 85 Resp: 126622

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

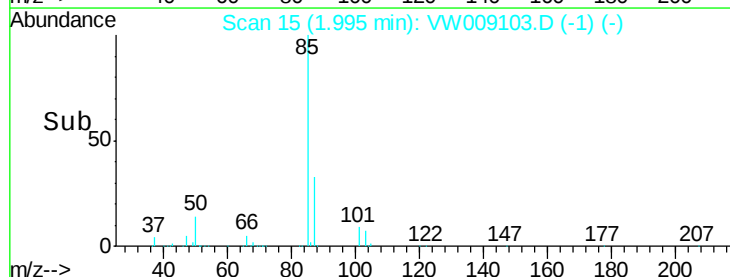
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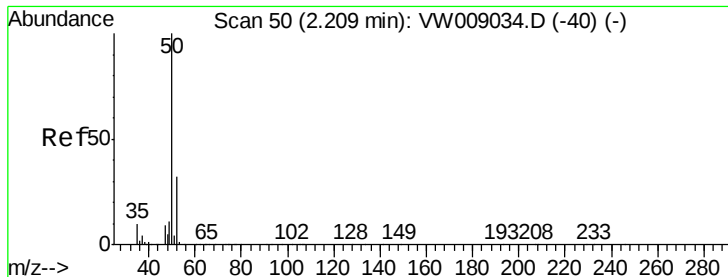
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 47.042 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Tot Ion: 50 Resp: 180270

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2

Instrument :

MSVOA_W

ClientSampleId :

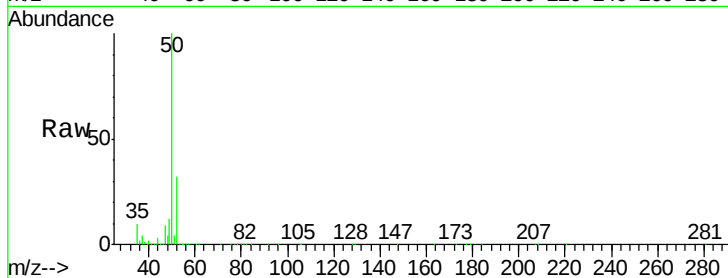
VSTDCCC050

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

120000

100000

80000

60000

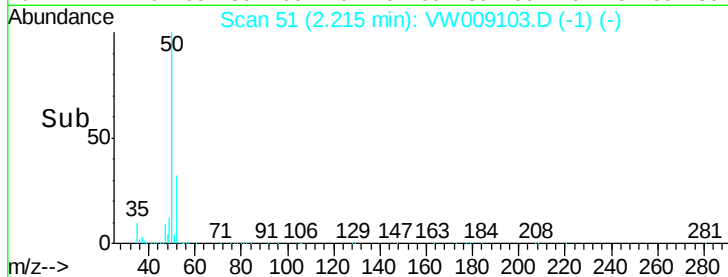
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20000

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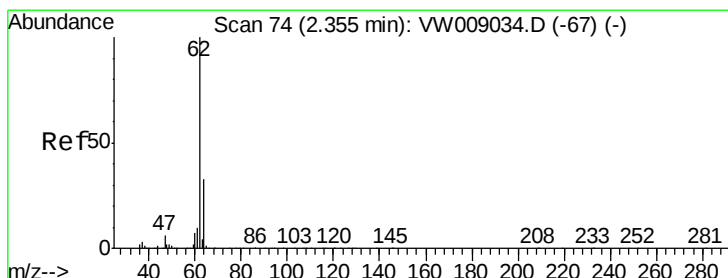
Time-->

2.15 2.20 2.25 2.30 2.35



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#4

Vinyl Chloride

Concen: 49.539 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009103.D

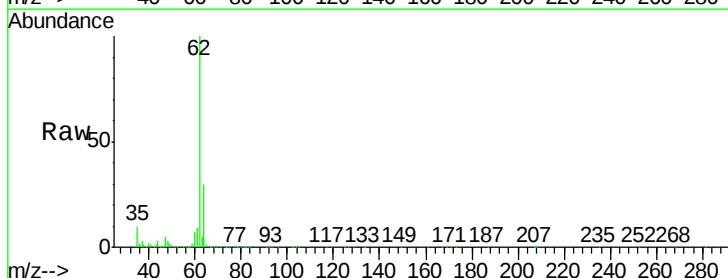
Acq: 11 Mar 2019 23:55

Tgt Ion: 62 Resp: 192655

Ion Ratio Lower Upper

62 100

64 30.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

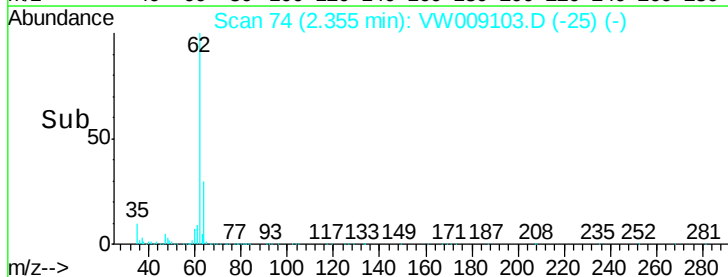
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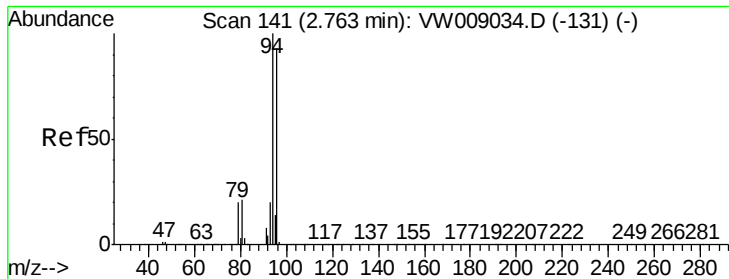
50000

0

Time-->

2.25 2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 47.339 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Tot Ion: 94 Resp: 155405

Ion Ratio Lower Upper

94 100

96 96.3 74.4 111.6

Instrument :

MSVOA_W

ClientSampleId :

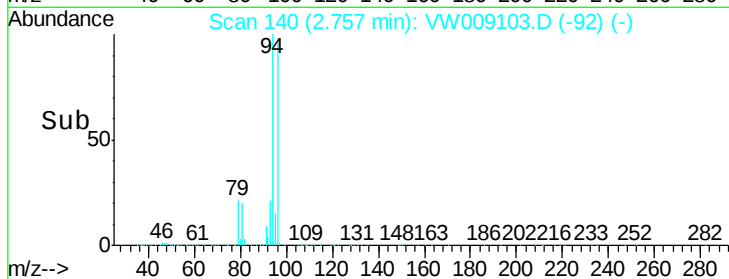
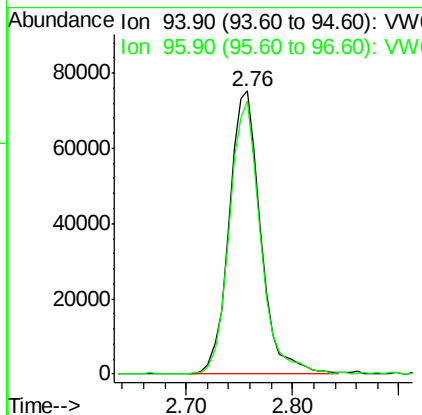
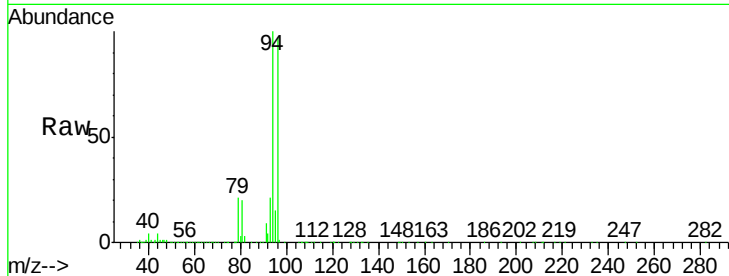
VSTDCCC050

Manual Integrations

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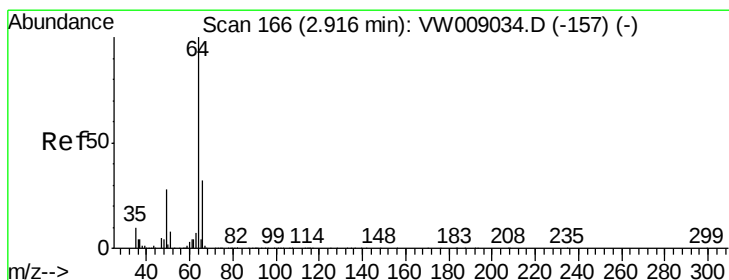
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#6

Chloroethane

Concen: 51.018 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW009103.D

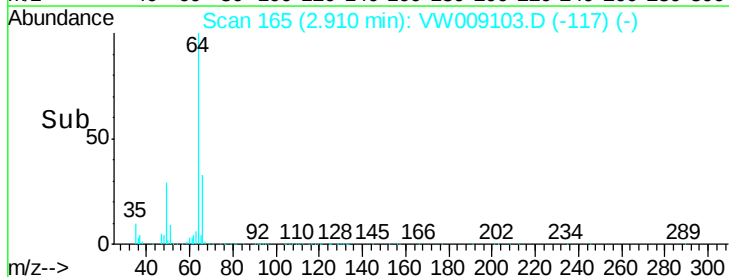
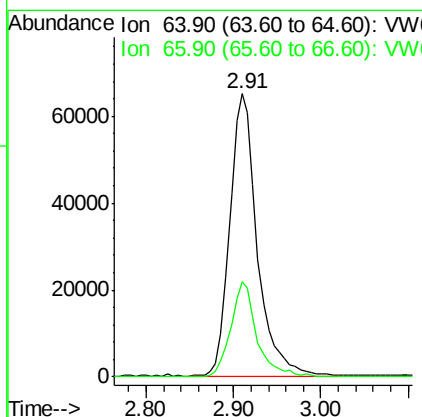
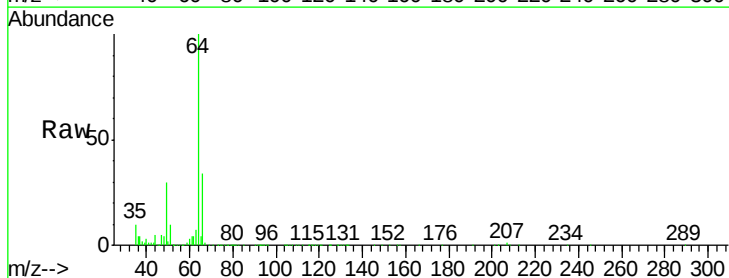
Acq: 11 Mar 2019 23:55

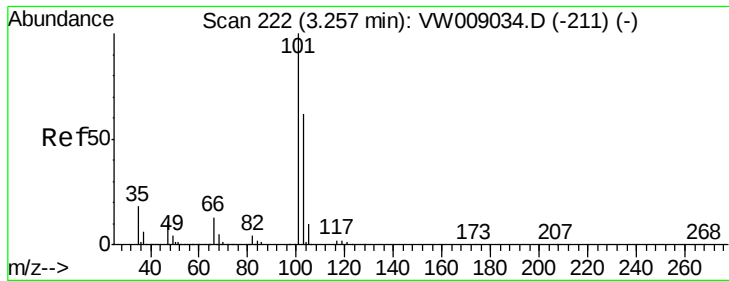
Tgt Ion: 64 Resp: 141248

Ion Ratio Lower Upper

64 100

66 33.6 25.5 38.3





#7

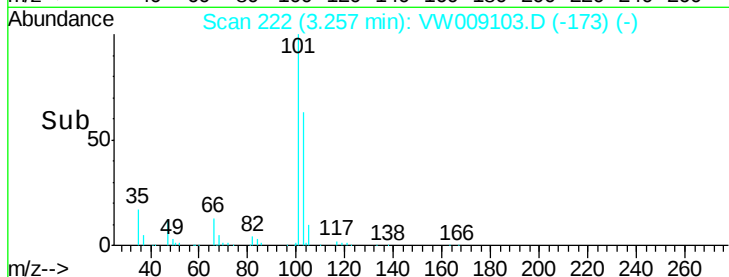
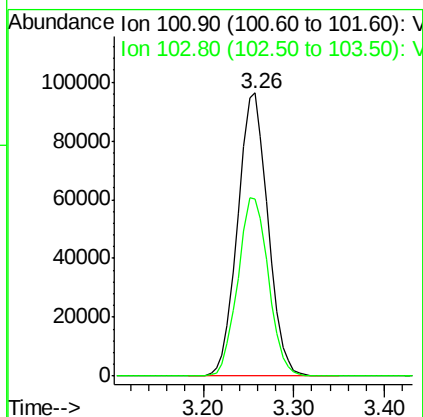
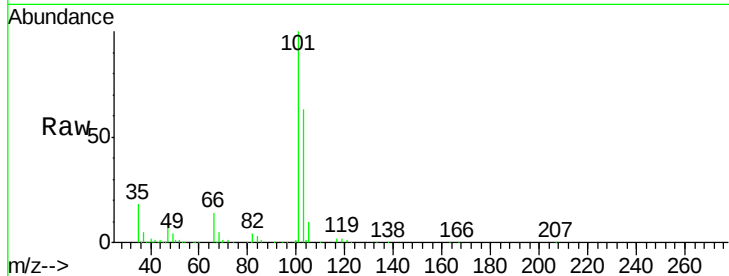
Trichlorofluoromethane
 Concen: 44.569 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	49.9	74.9

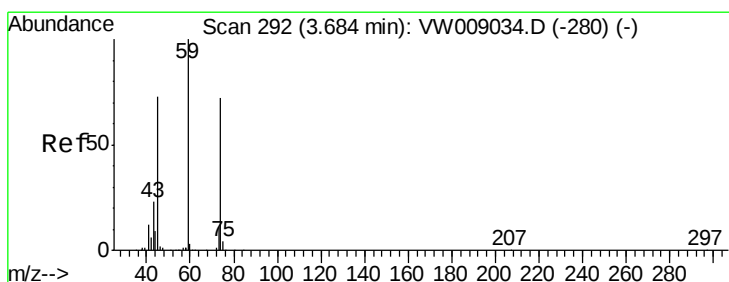
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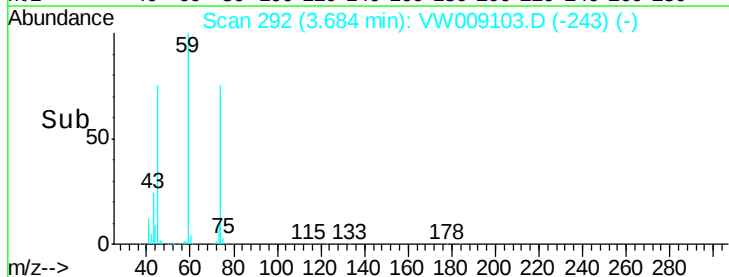
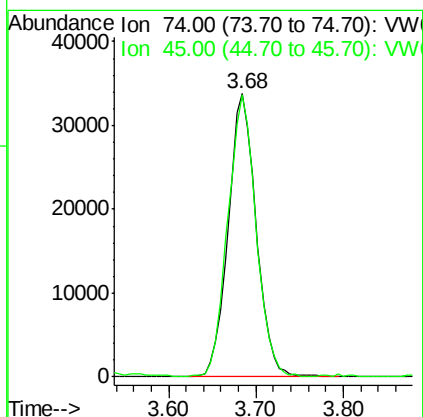
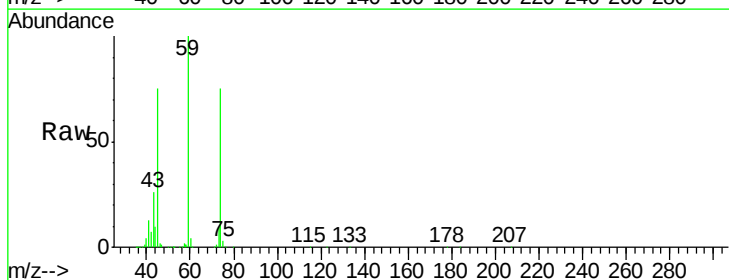
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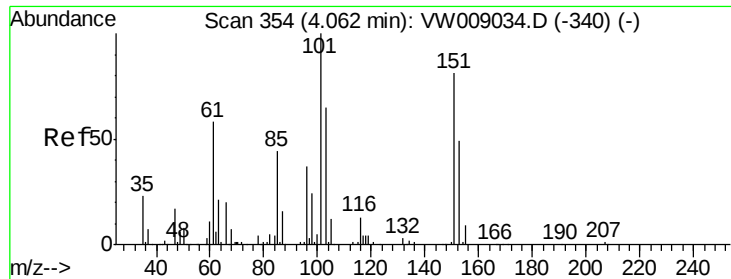


#8

Diethyl Ether
 Concen: 49.130 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	52.3	157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.271 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

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MSVOA_W

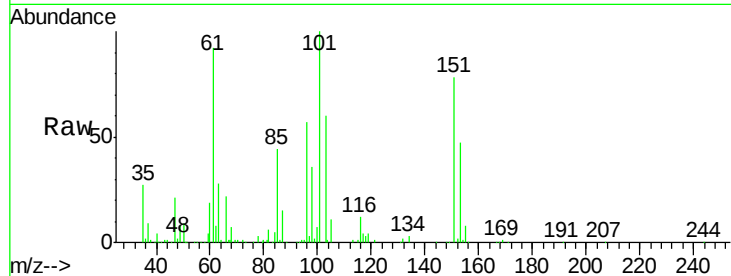
ClientSampleId :

VSTDCCC050

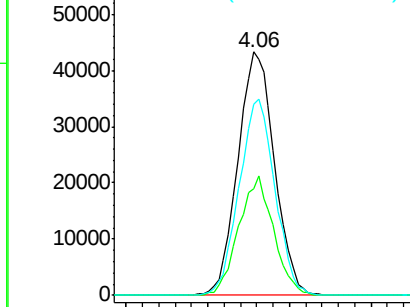
Tot Ion:	101	Resp:	134948
Ion Ratio	Lower	Upper	
101	100		
85	46.6	36.2	54.4
151	79.0	63.4	95.2

Manual Integrations
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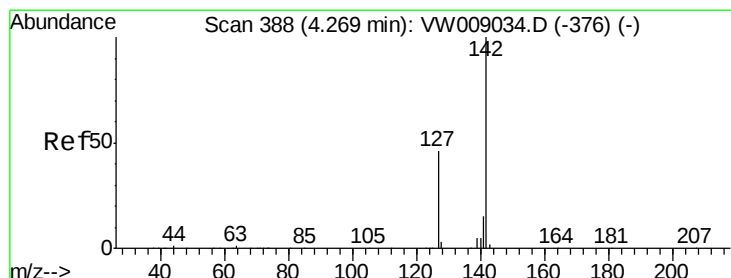
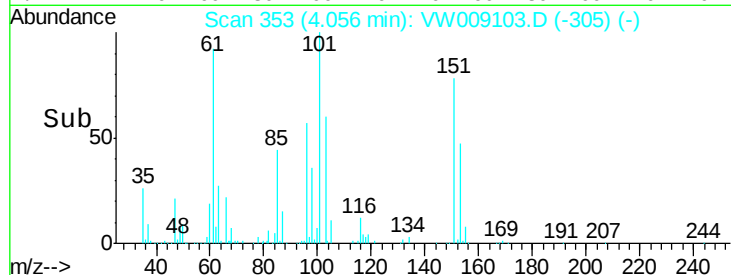


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



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#10

Methyl Iodide

Concen: 45.586 ug/l

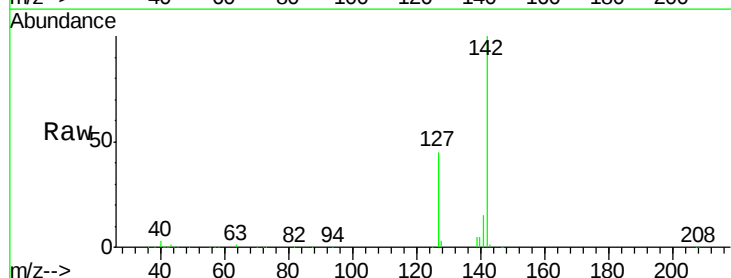
RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

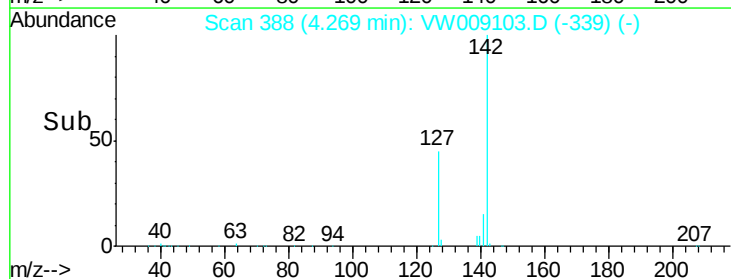
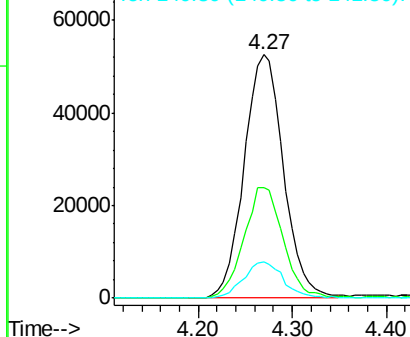
Lab File: VW009103.D

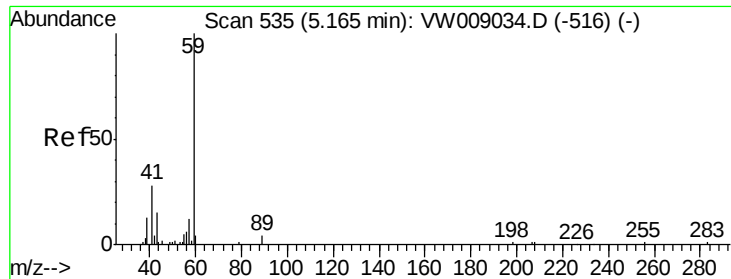
Acq: 11 Mar 2019 23:55

Tgt Ion:	142	Resp:	153194
Ion Ratio	Lower	Upper	
142	100		
127	45.4	35.8	53.6
141	15.2	11.8	17.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





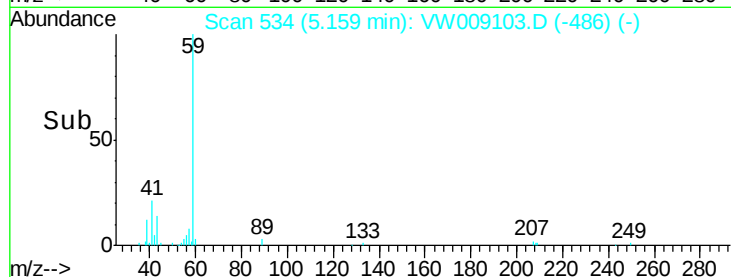
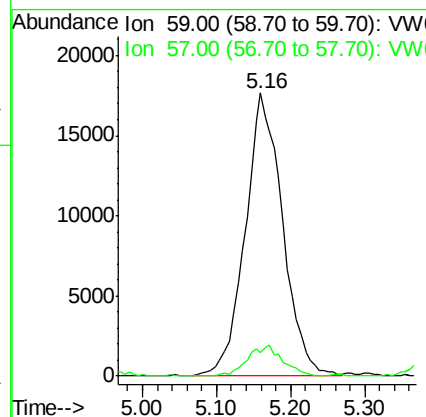
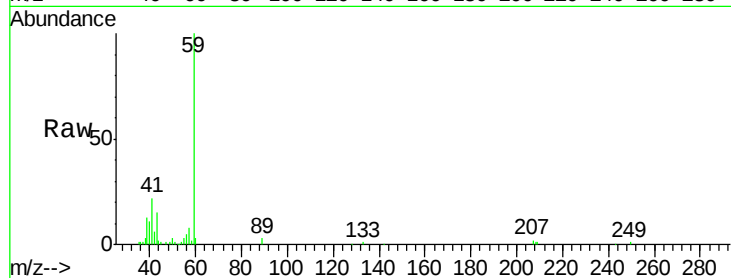
#11
Tert butyl alcohol
Concen: 268.774 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 62025
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

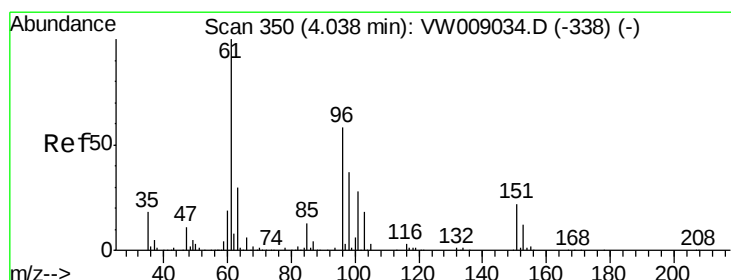
Manual Integrations
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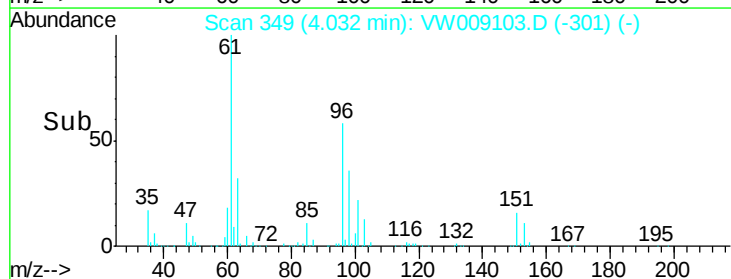
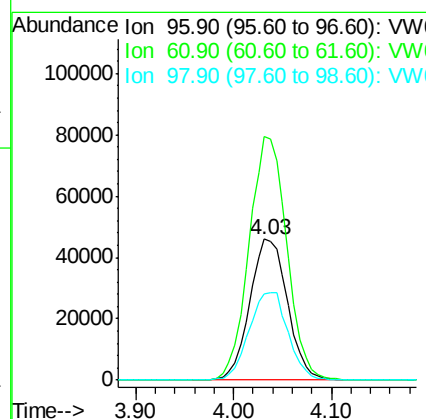
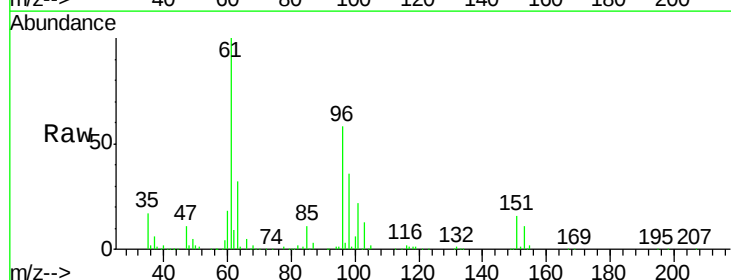
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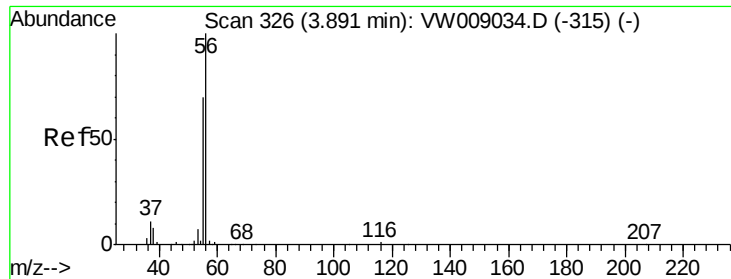
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#12
1,1-Dichloroethene
Concen: 45.871 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion: 96 Resp: 123399
Ion Ratio Lower Upper
96 100
61 173.2 138.2 207.2
98 61.7 51.3 76.9





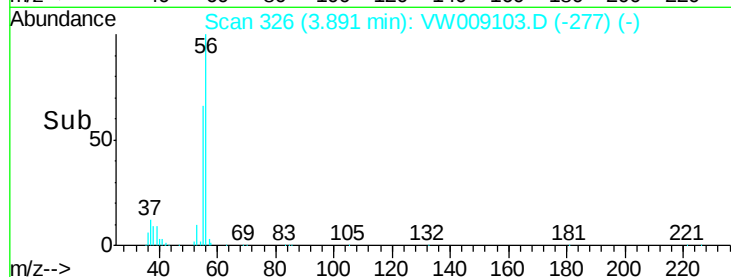
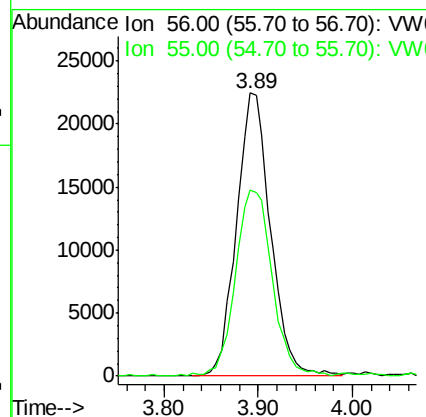
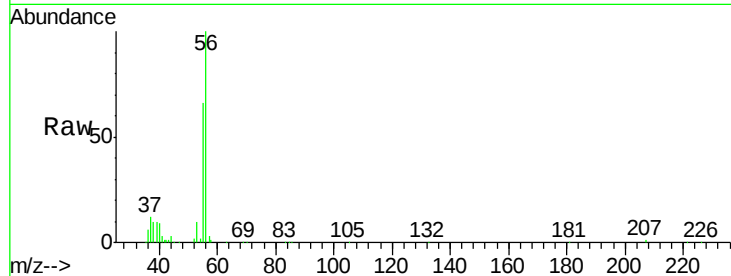
#13
Acrolein
Concen: 223.190 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	56677
Ion Ratio	100	Lower	Upper
55	70.8	56.6	84.8

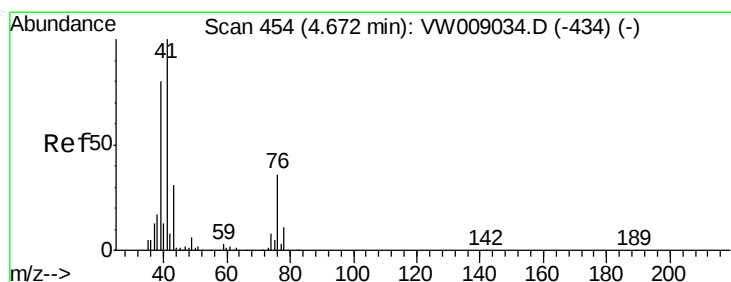
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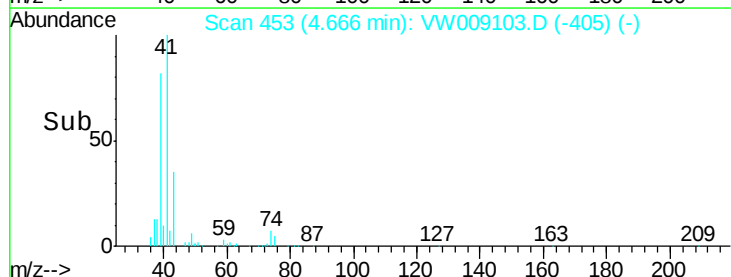
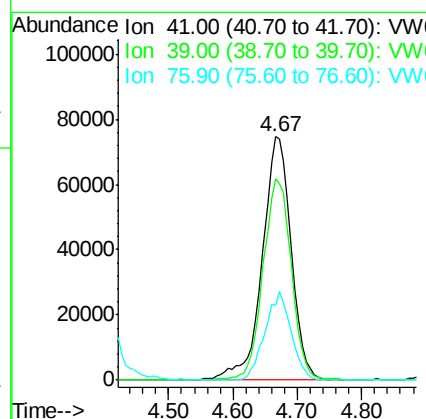
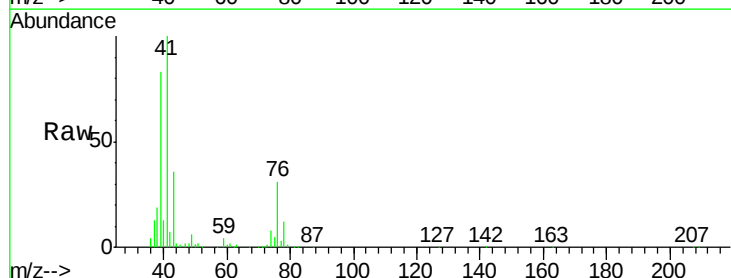
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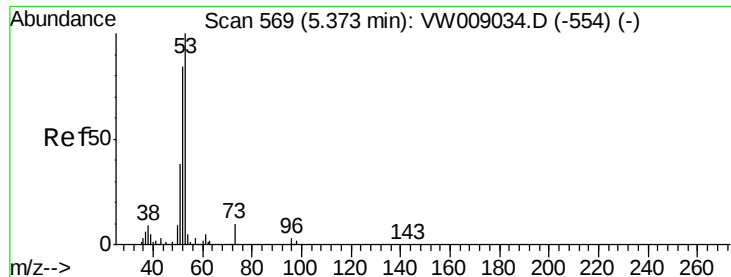
3/12/2019 1:16:08 PM



#14
Allyl chloride
Concen: 48.904 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	41	Resp	232061
Ion Ratio	100	Lower	Upper
39	81.4	63.0	94.4
76	33.1	28.2	42.2





#15

Acrylonitrile

Concen: 260.507 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

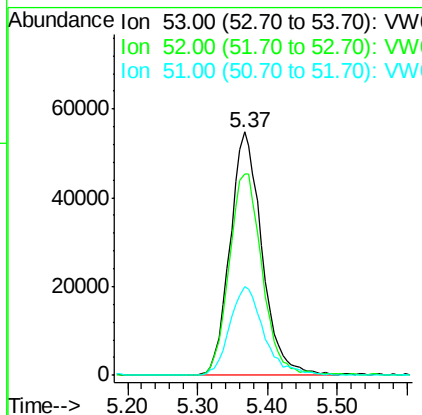
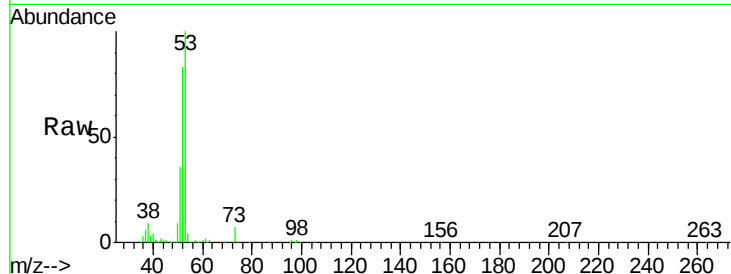
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	174079
Ion Ratio	Lower	Upper	
53	100		
52	85.0	67.2	100.8
51	39.1	31.8	47.6

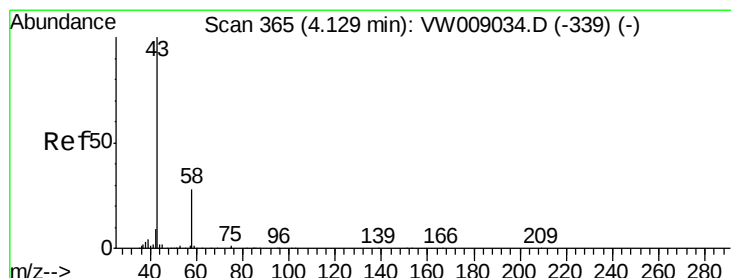
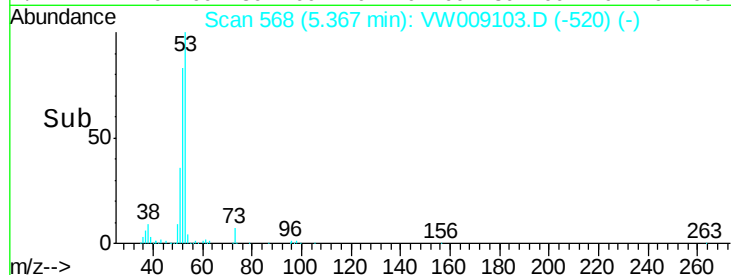
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#16

Acetone

Concen: 240.169 ug/l

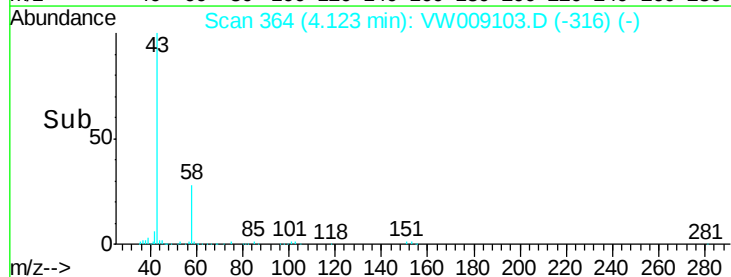
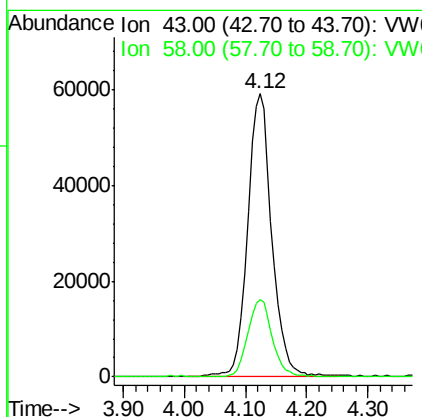
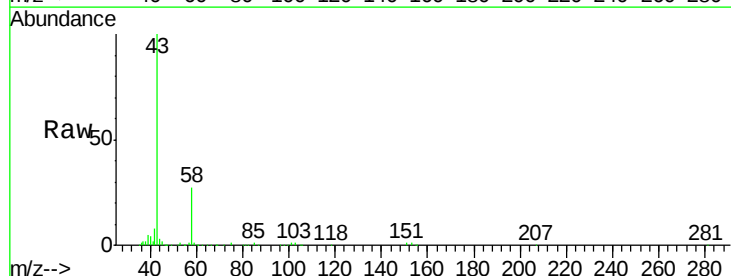
RT: 4.12 min Scan# 364

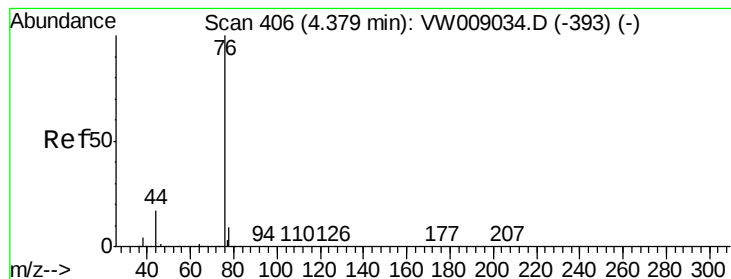
Delta R.T. -0.01 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Tgt Ion:	43	Resp:	163210
Ion Ratio	Lower	Upper	
43	100		
58	27.3	22.5	33.7





#17

Carbon Disulfide

Concen: 46.607 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 421843

Ion Ratio Lower Upper

76 100

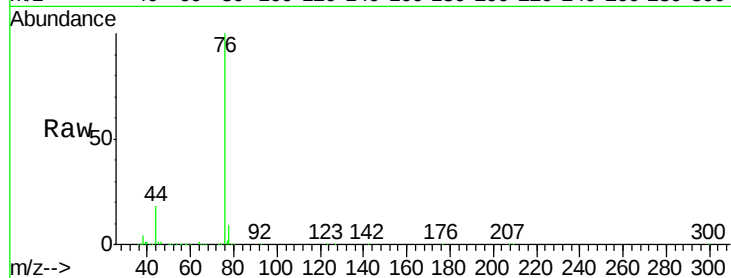
78 9.2 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

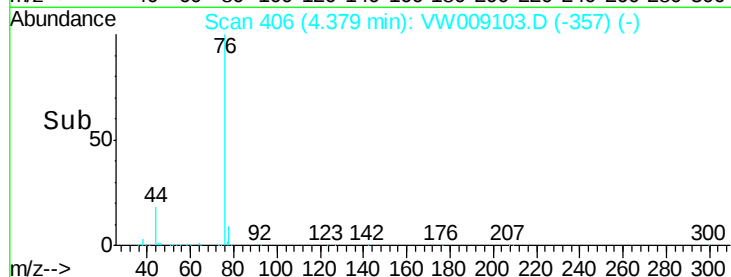
150000

100000

50000

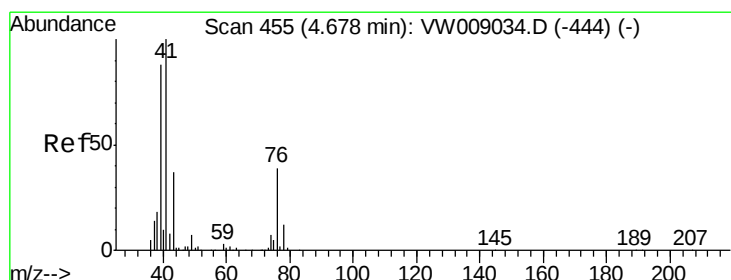
0

Time-->



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#18

Methyl Acetate

Concen: 54.085 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW009103.D

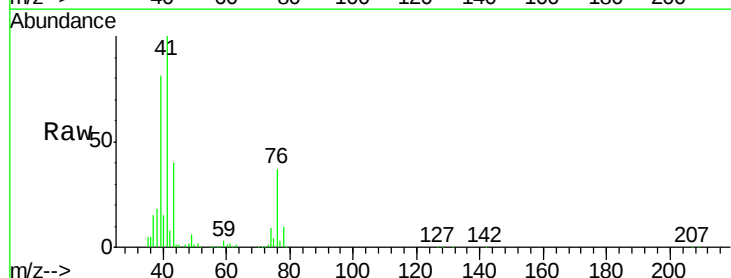
Acq: 11 Mar 2019 23:55

Tgt Ion: 43 Resp: 84517

Ion Ratio Lower Upper

43 100

74 22.7 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

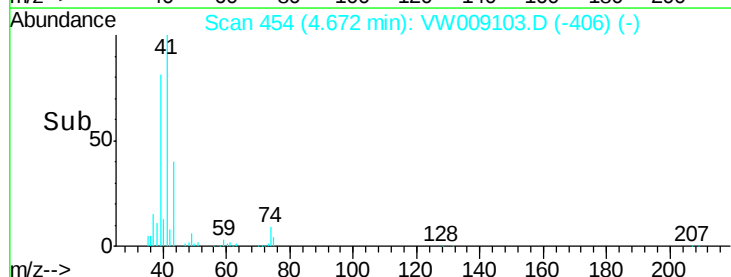
30000

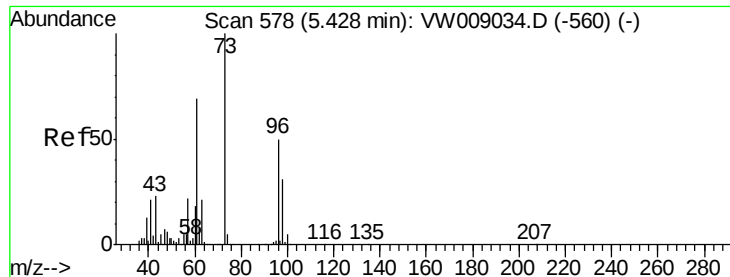
20000

10000

0

Time-->





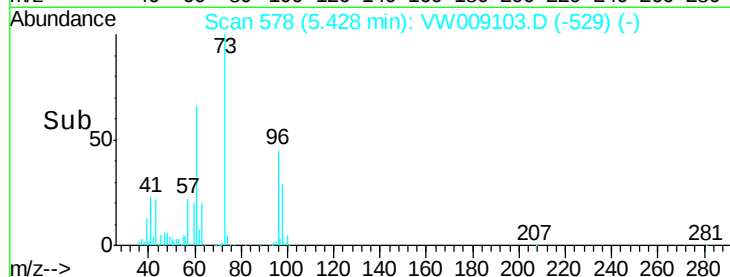
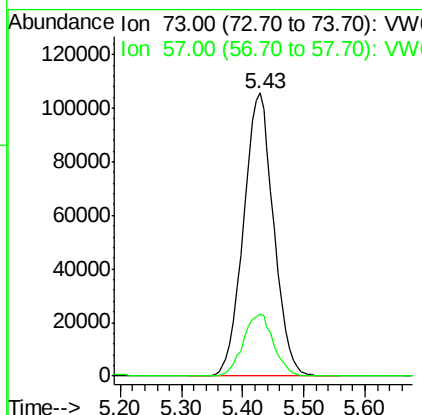
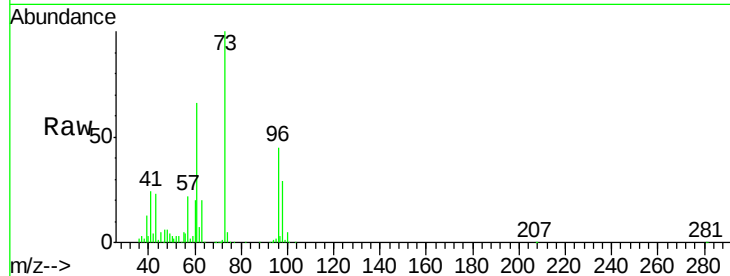
#19
Methvl tert-butvl Ether
Concen: 50.772 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 361304
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

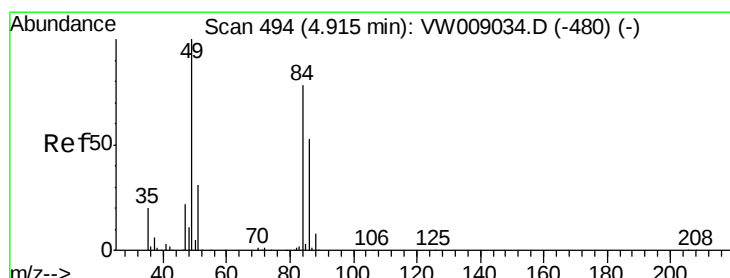
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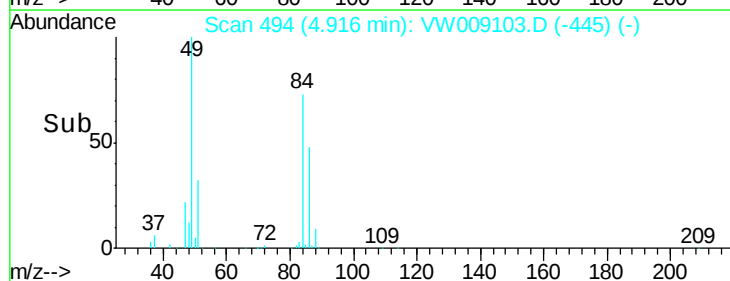
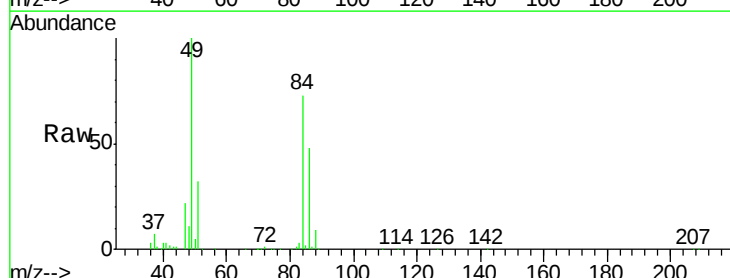
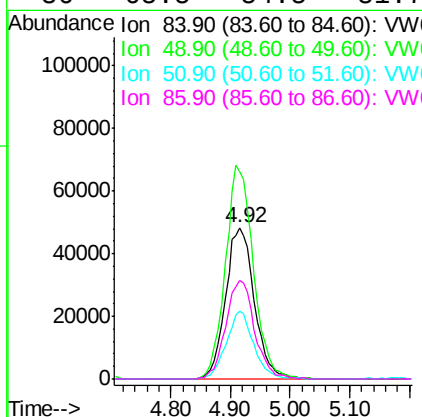
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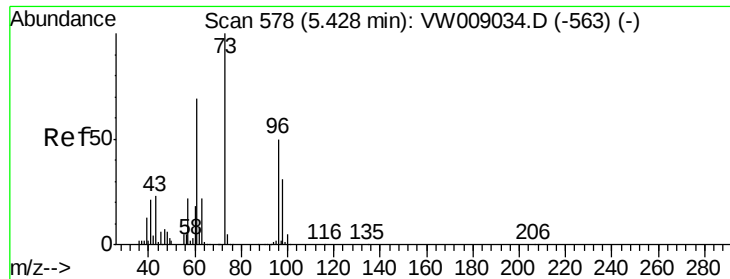
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#20
Methylene Chloride
Concen: 50.869 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion: 84 Resp: 162317
Ion Ratio Lower Upper
84 100
49 137.7 102.4 153.6
51 44.5 31.6 47.4
86 65.5 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 47.630 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

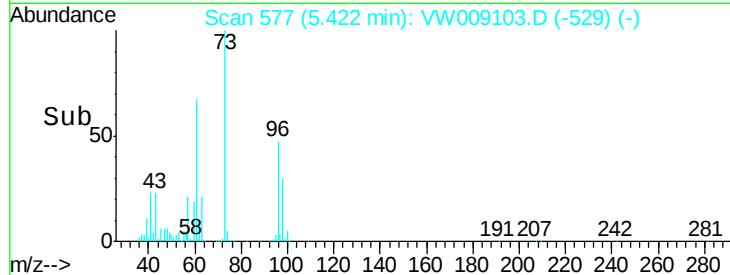
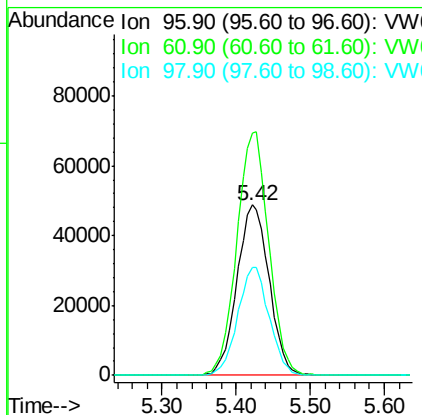
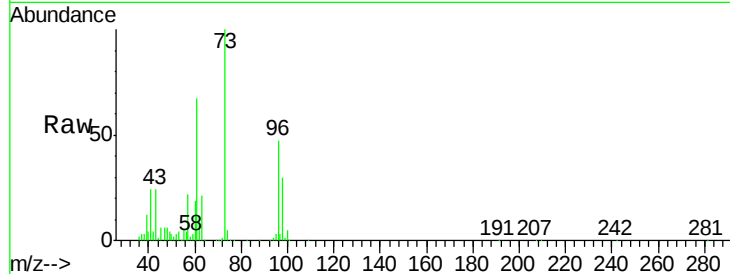
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	147946
Ion	Ratio	Lower	Upper
96	100		
61	142.7	111.0	166.6
98	63.2	49.4	74.0

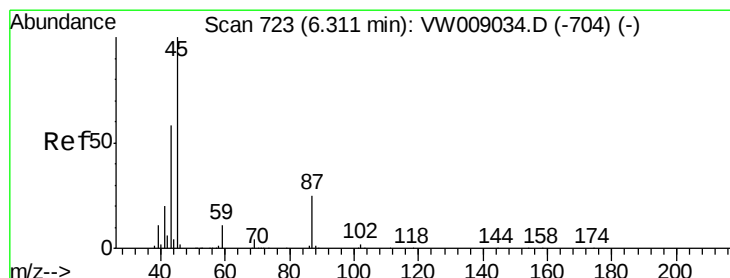
Manual Integrations
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#22

Diisopropyl ether

Concen: 52.959 ug/l

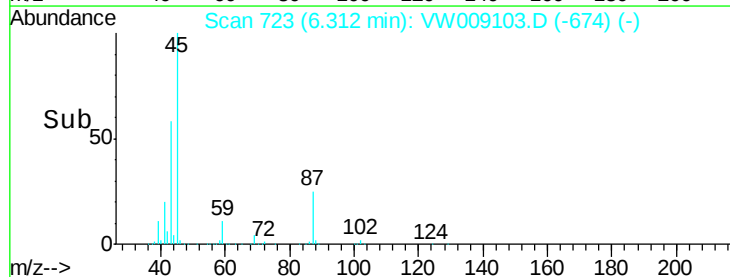
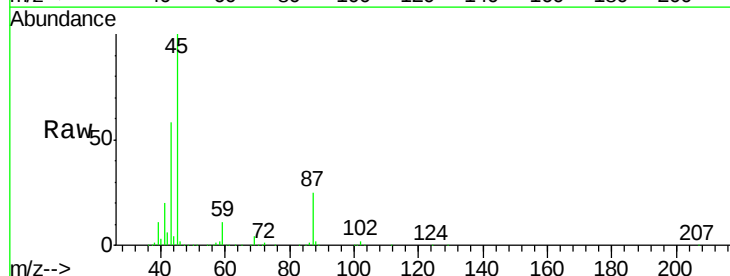
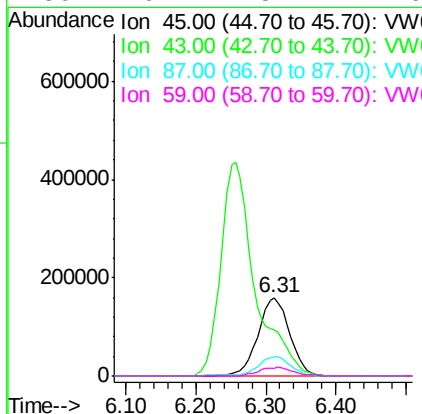
RT: 6.31 min Scan# 723

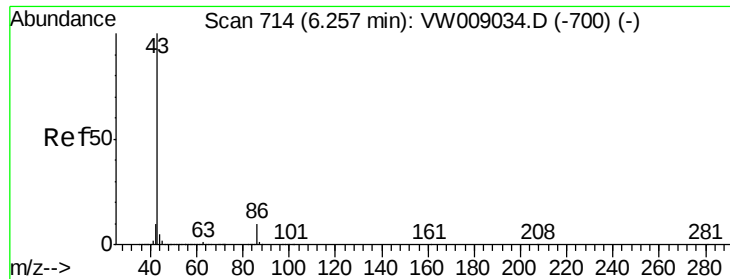
Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Tgt Ion:	45	Resp:	499399
Ion	Ratio	Lower	Upper
45	100		
43	57.9	46.2	69.4
87	25.0	20.1	30.1
59	10.4	8.4	12.6





#23

Vinyl Acetate

Concen: 251.078 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Tot Ion: 43 Resp: 1473374

Ion Ratio Lower Upper

43 100

86 9.8 7.6 11.4

Instrument :

MSVOA_W

ClientSampleId :

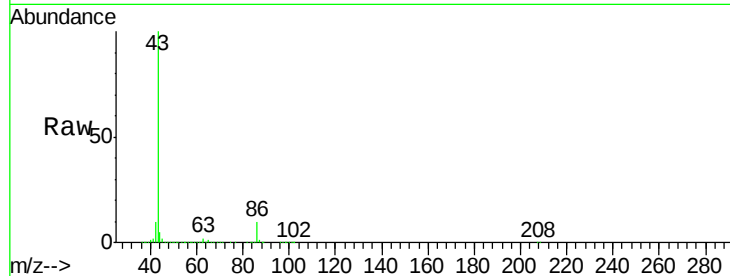
VSTDCCC050

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

500000

400000

300000

200000

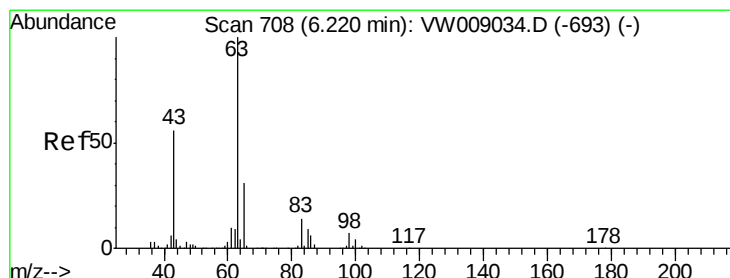
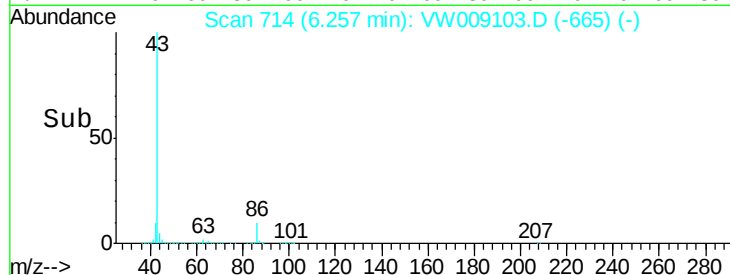
100000

0

Time-->

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#24

1,1-Dichloroethane

Concen: 49.661 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

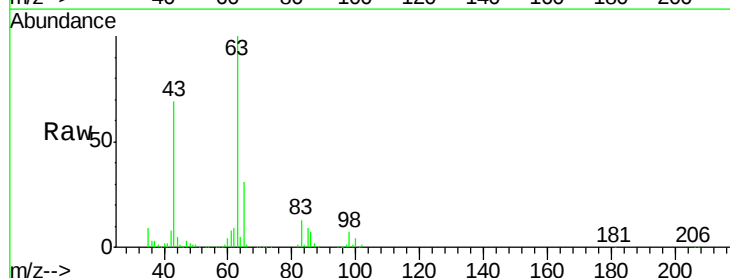
Tgt Ion: 63 Resp: 271624

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

100 4.5 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

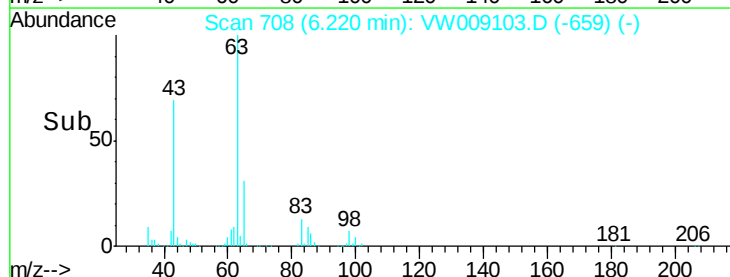
60000

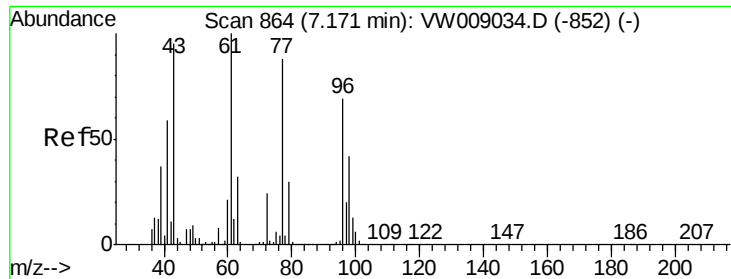
40000

20000

0

Time-->





#25

2-Butanone

Concen: 244.074 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 229227

Ion Ratio Lower Upper

43 100

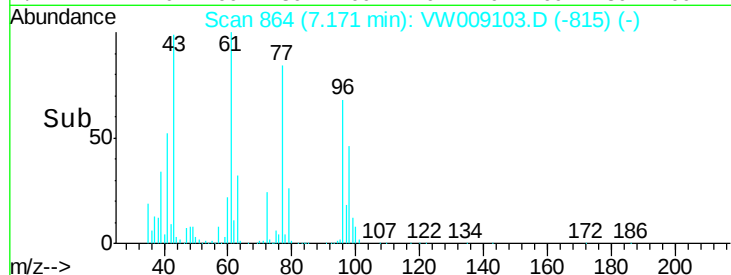
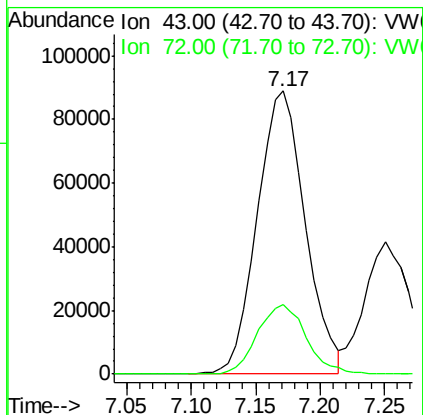
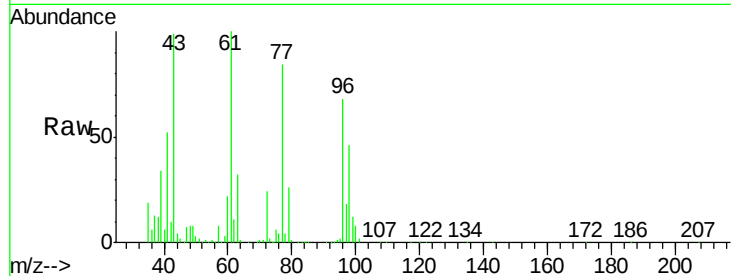
72 24.4 20.0 30.0

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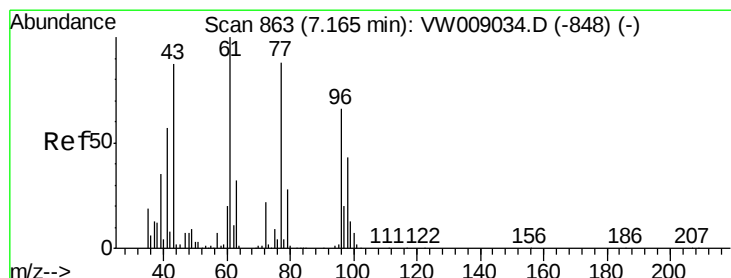
MMDadoda

3/12/2019 1:16:08 PM



MMDadoda

3/12/2019 1:16:08 PM



#26

2,2-Dichloropropane

Concen: 43.459 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW009103.D

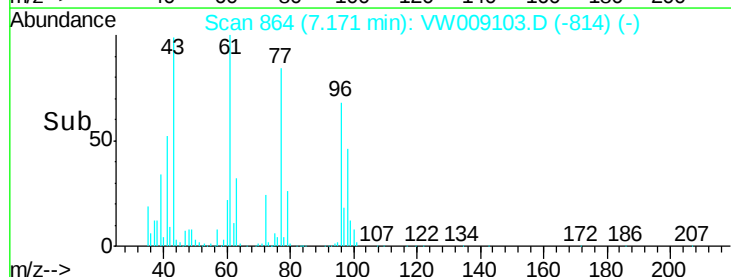
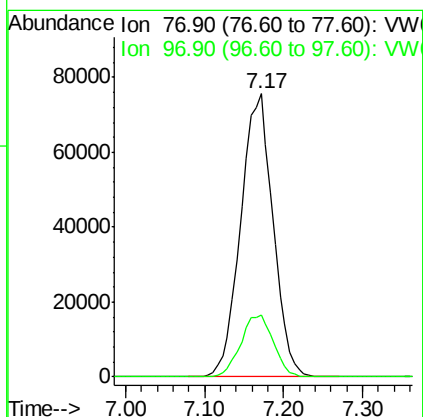
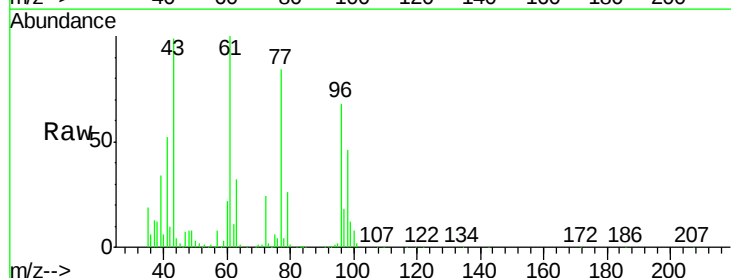
Acq: 11 Mar 2019 23:55

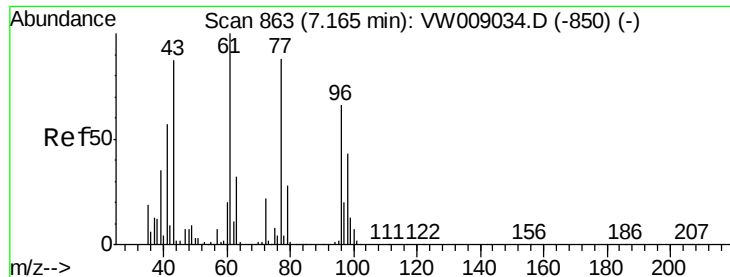
Tgt Ion: 77 Resp: 216067

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.9





#27

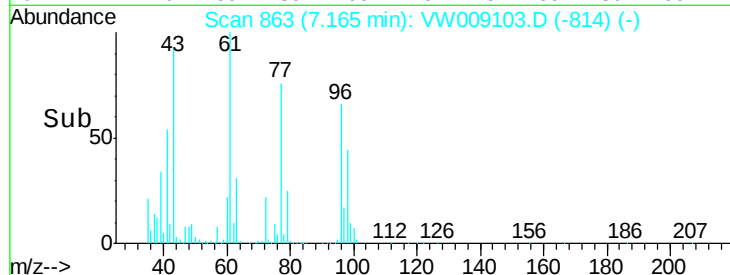
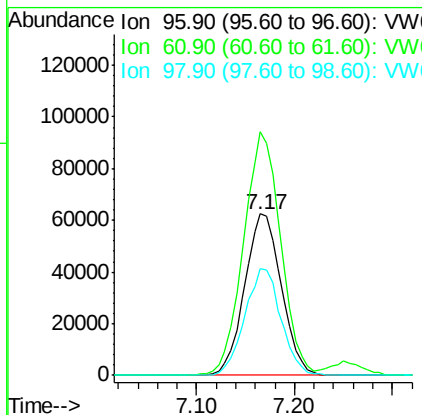
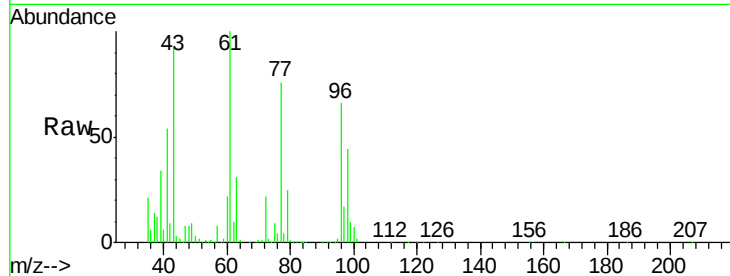
cis-1,2-Dichloroethene
Concen: 49.071 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163701		
61	151.9	0.0	299.8	
98	65.2	0.0	127.2	

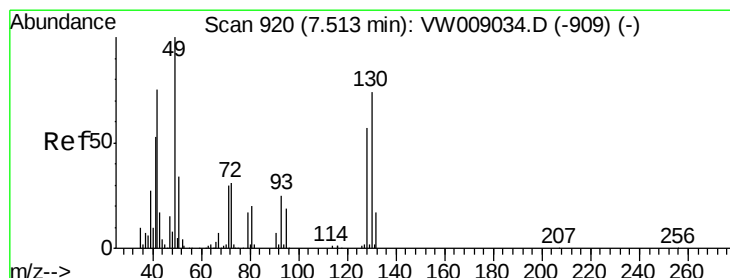
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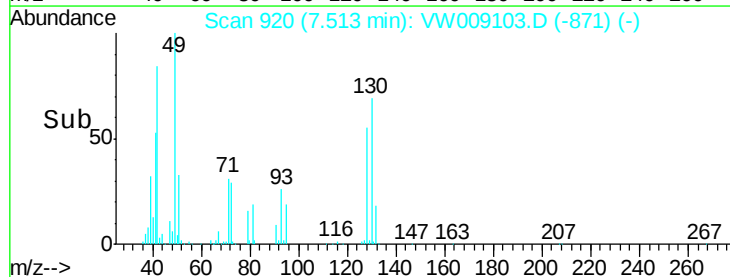
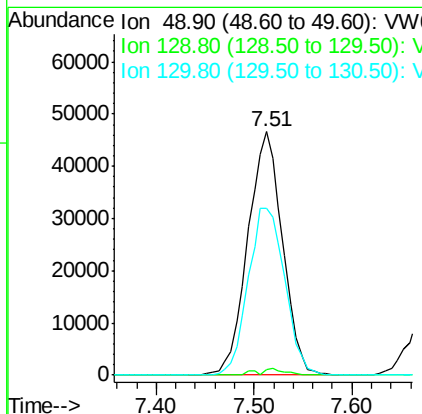
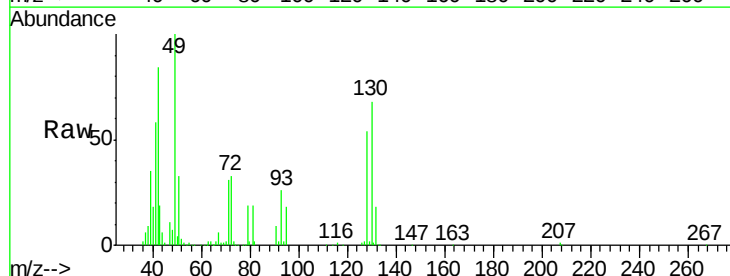
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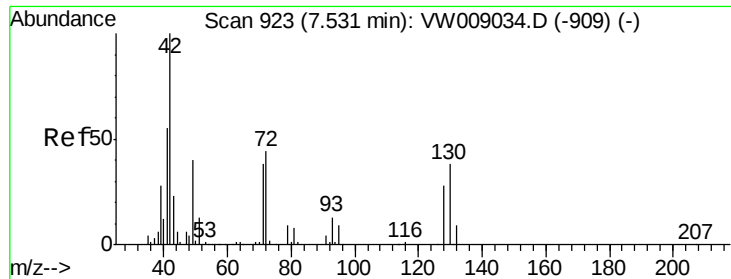


#28

Bromochloromethane
Concen: 50.271 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	114370		
129	1.5	0.0	4.6	
130	72.7	60.4	90.6	





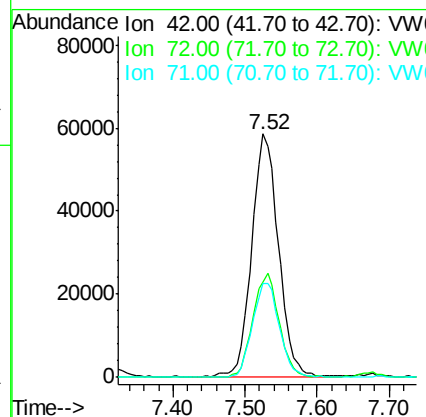
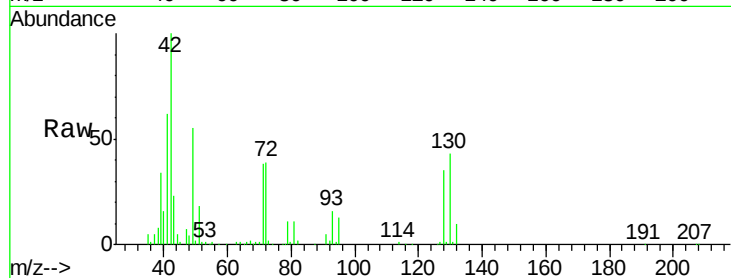
#29
Tetrahydrofuran
Concen: 254.127 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.2	48.4
71	39.5	30.7	46.1

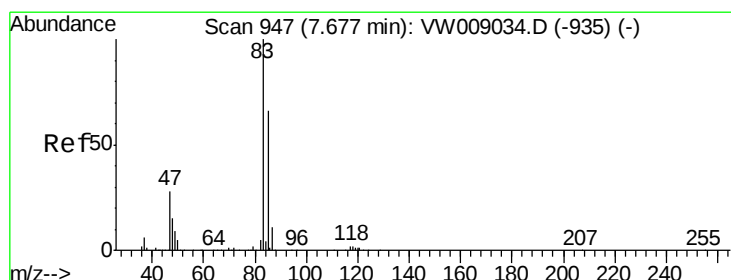
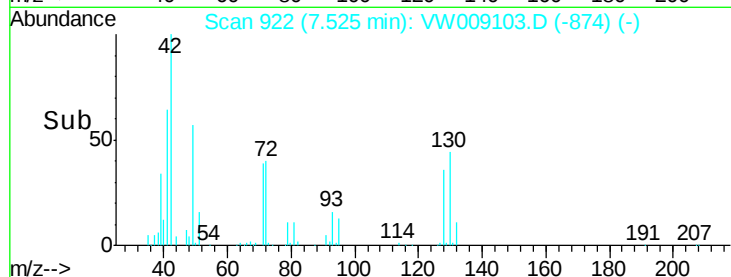
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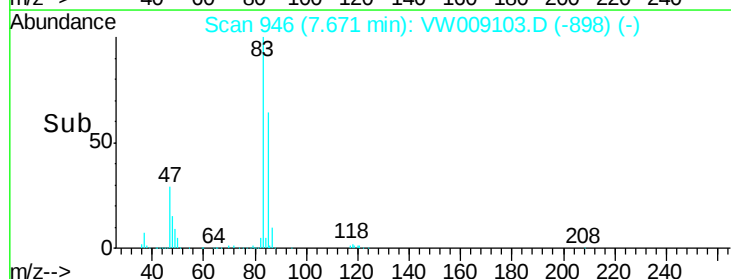
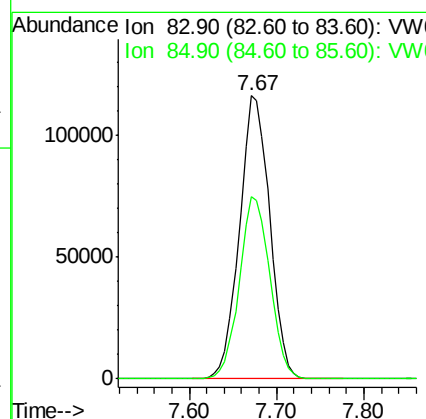
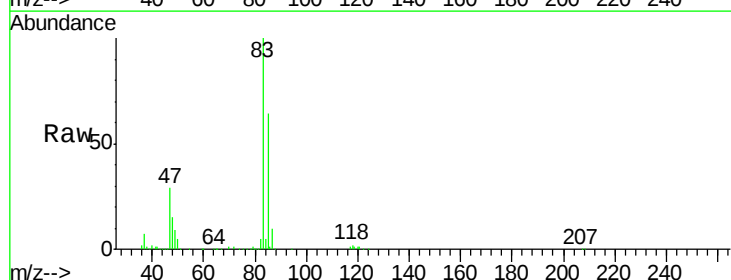
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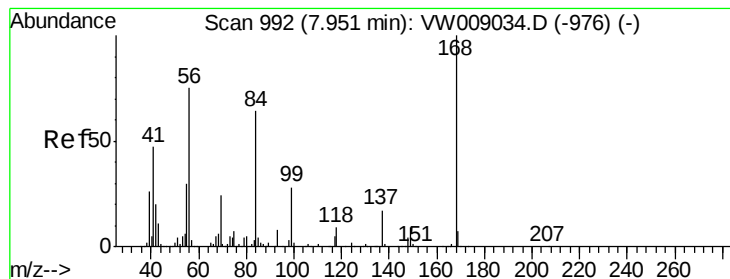
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#30
Chloroform
Concen: 49.647 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	53.0	79.6





#31

Cyclohexane

Concen: 43.611 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009103.D

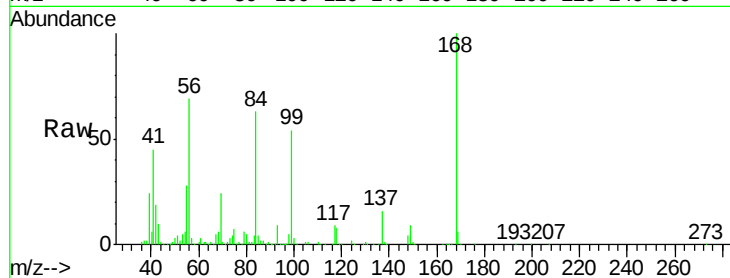
Acq: 11 Mar 2019 23:55

Tot Ion:	56	Resp:	244926
Ion Ratio	Lower	Upper	
56	100		
69	35.3	25.5	38.3
84	88.7	68.6	103.0

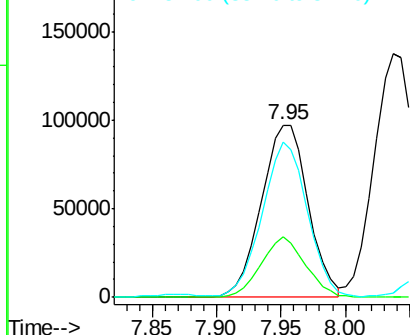
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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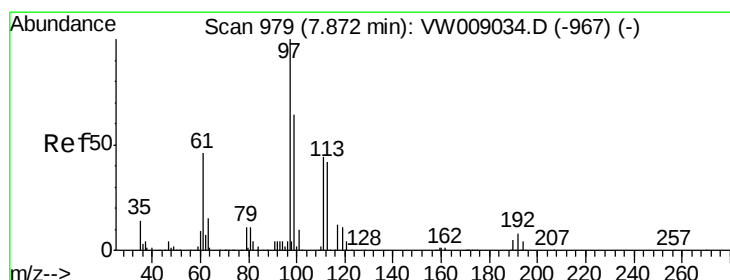
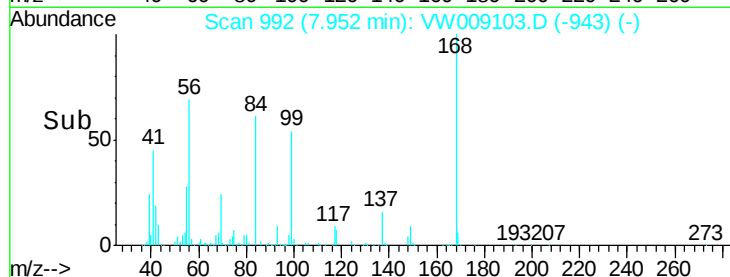


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



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#32

1,1,1-Trichloroethane

Concen: 47.639 ug/l

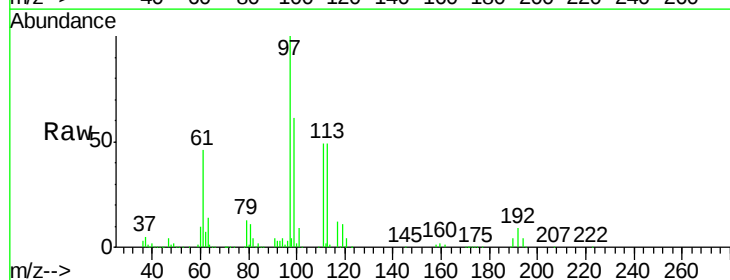
RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

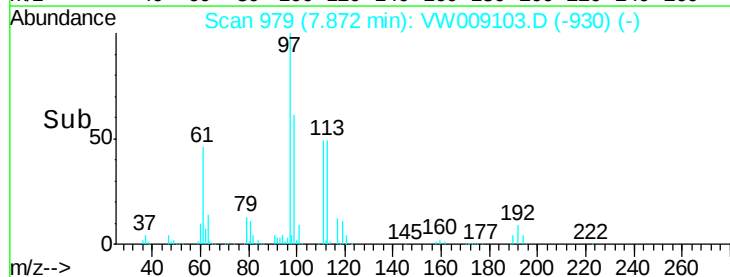
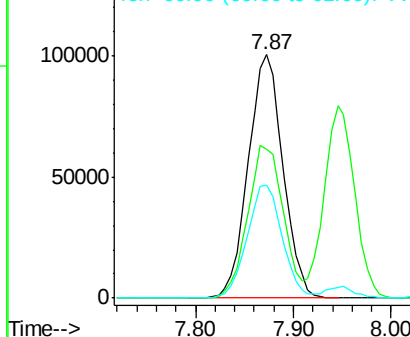
Lab File: VW009103.D

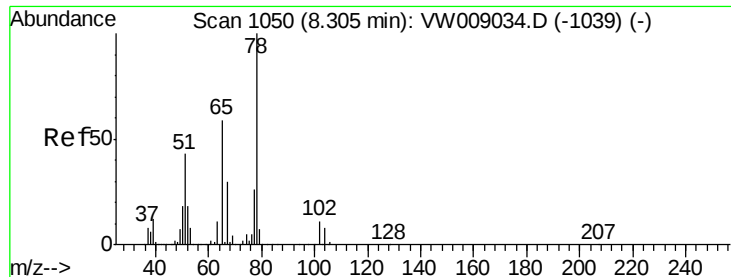
Acq: 11 Mar 2019 23:55

Tgt Ion:	97	Resp:	247571
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.8	77.8
61	46.9	37.3	55.9



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





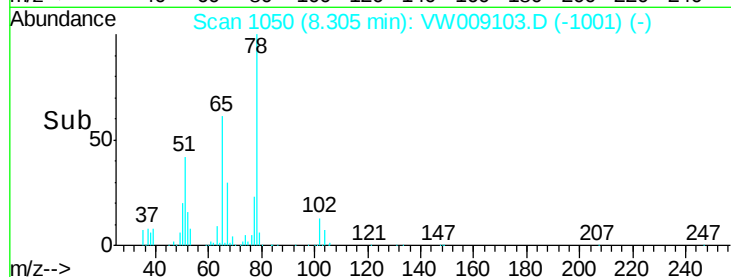
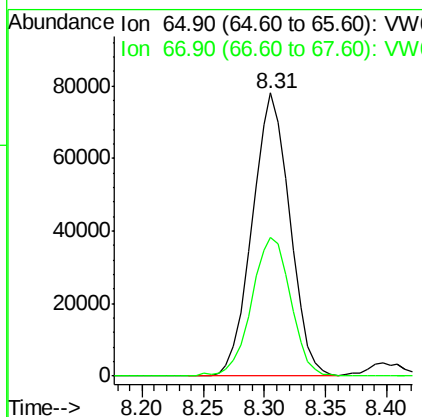
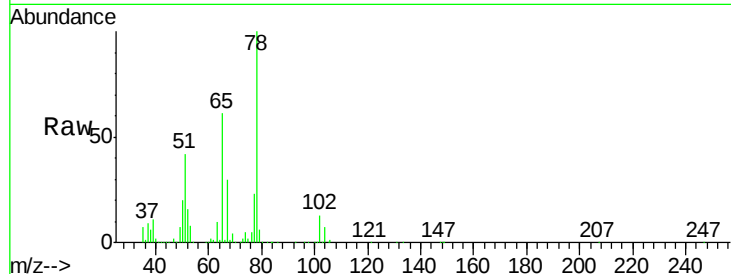
#33
 1,2-Dichloroethane-d4
 Concen: 55.457 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	167008		
67	51.2	0.0	103.0	

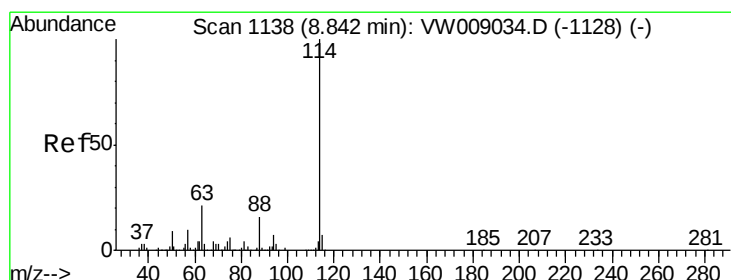
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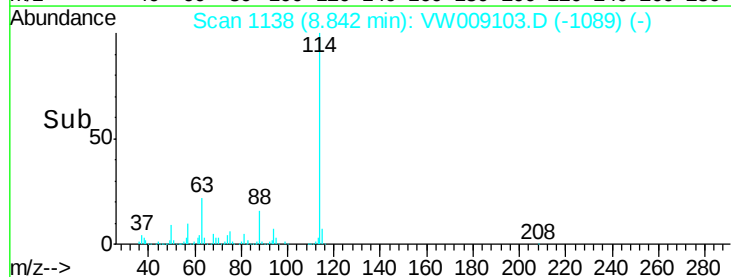
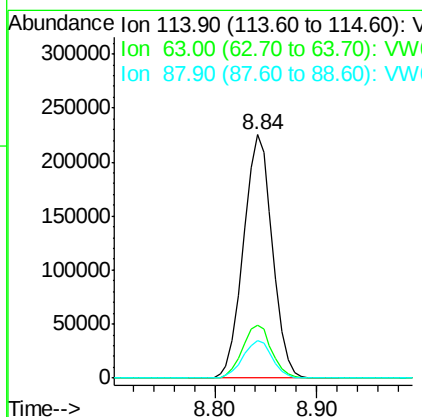
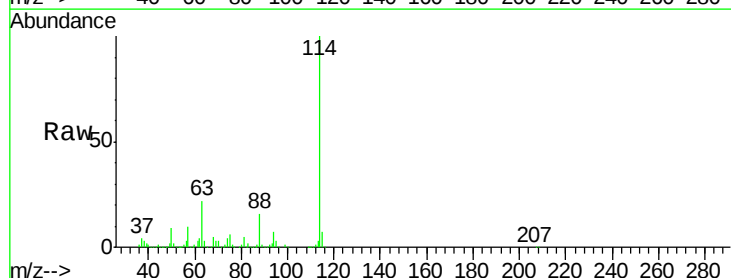
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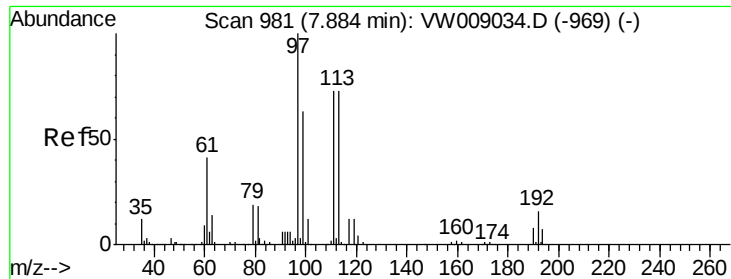
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	443584		
63	21.7	0.0	41.2	
88	15.6	0.0	31.2	





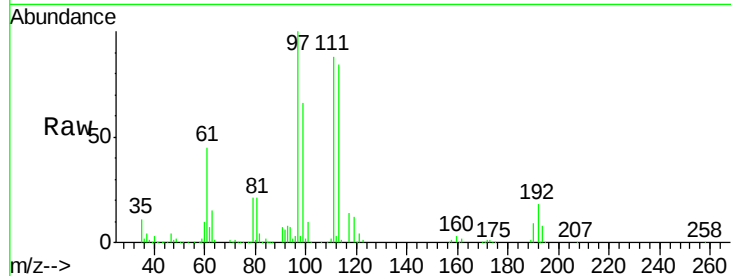
#35
Dibromofluoromethane
Concen: 54.019 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.6	81.0	121.4	
192	20.2	17.1	25.7	

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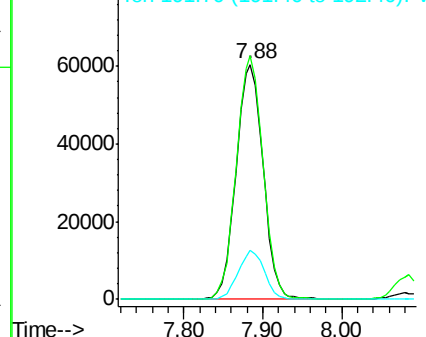


Abundance

Ion 112.80 (112.50 to 113.50): V

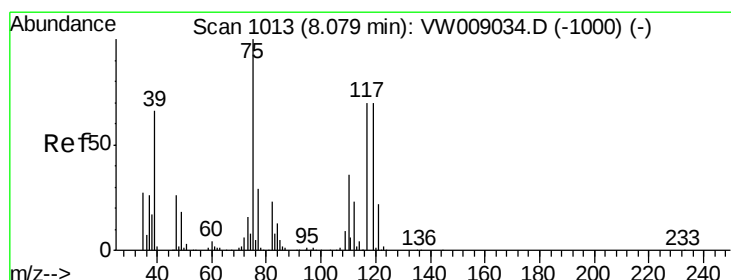
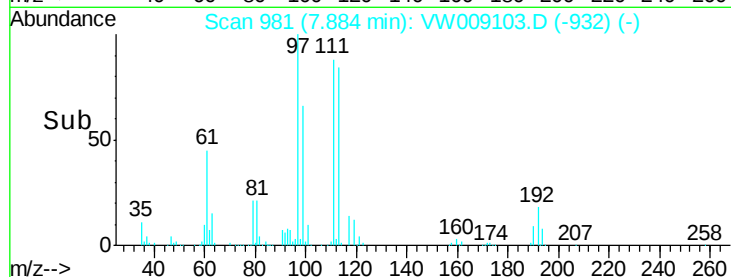
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



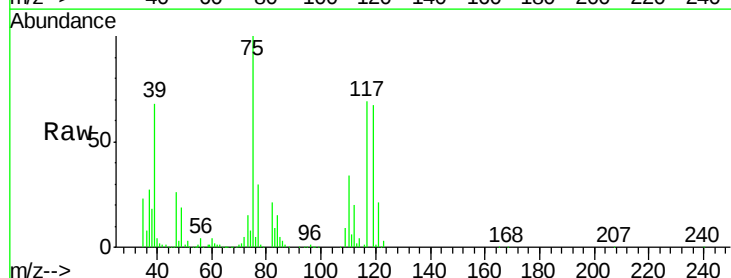
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#36
1,1-Dichloropropene
Concen: 46.559 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.8	17.6	52.9	
77	30.2	25.1	37.7	

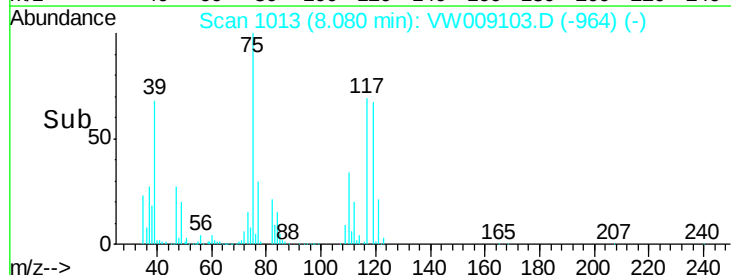
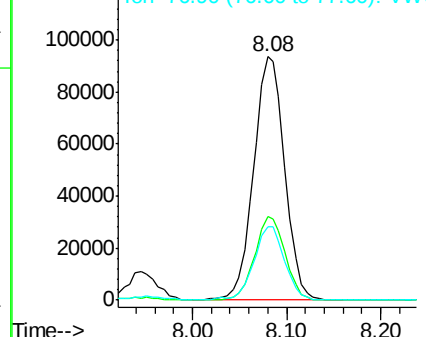


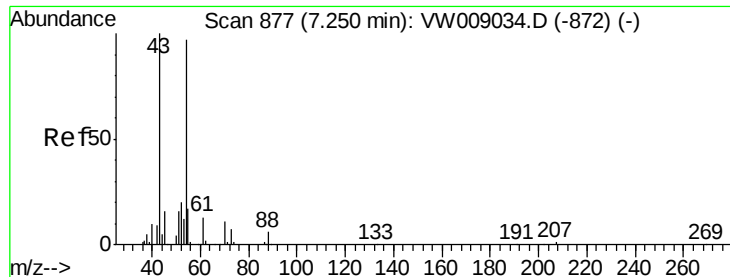
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





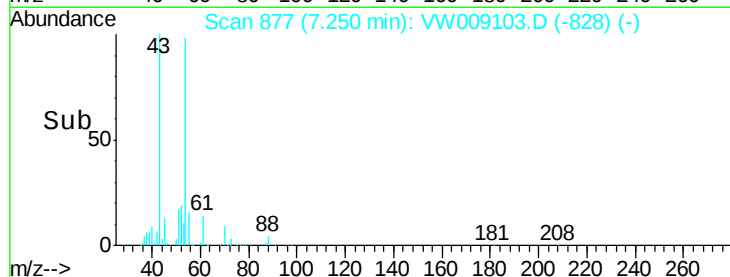
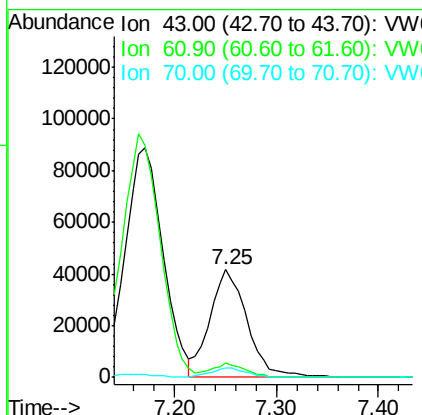
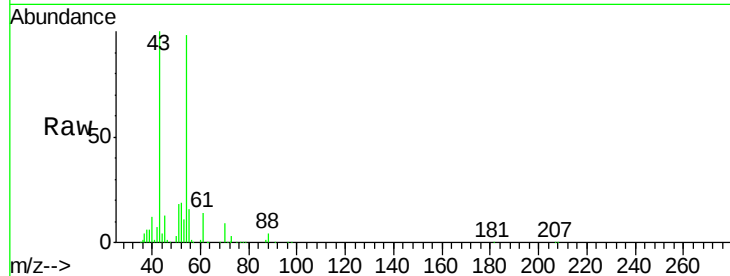
#37
Ethyl Acetate
Concen: 48.044 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.6
70	8.6	7.2	10.8

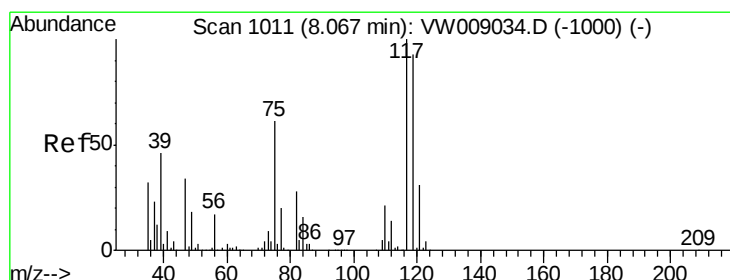
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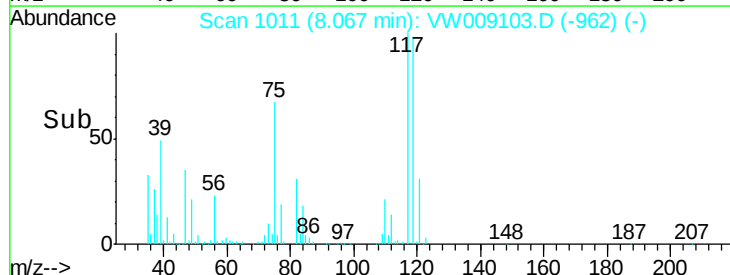
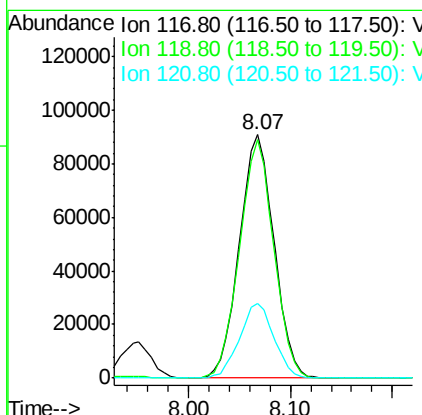
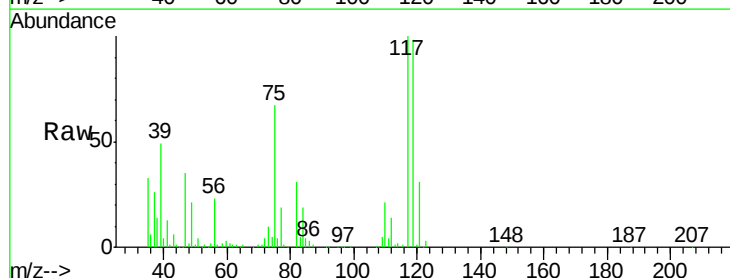
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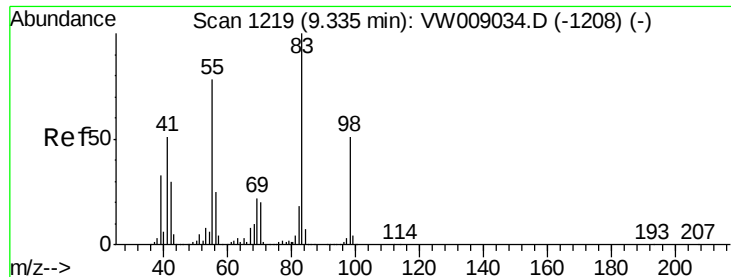
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#38
Carbon Tetrachloride
Concen: 44.875 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	74.6	112.0
121	30.6	24.7	37.1





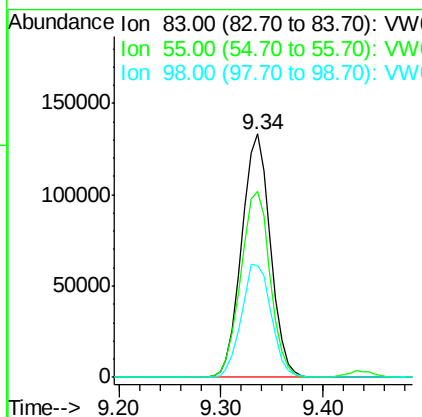
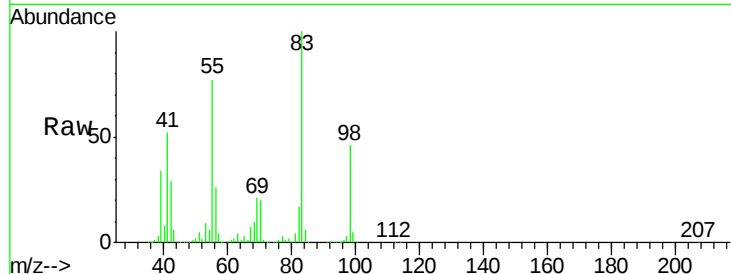
#39
Methvlcvclohexane
Concen: 47.347 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	62.7	94.1
98	45.7	40.8	61.2

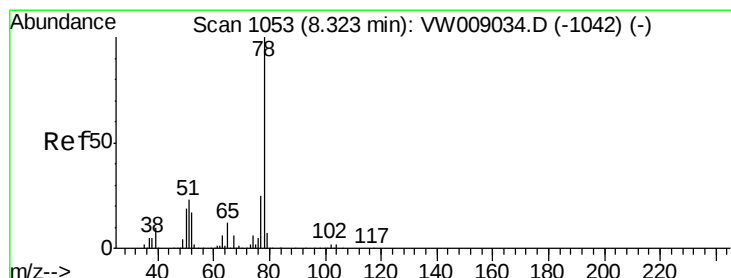
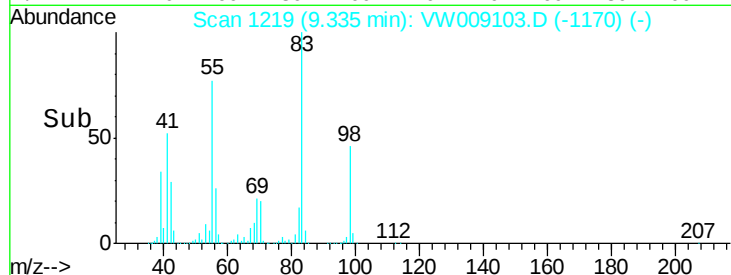
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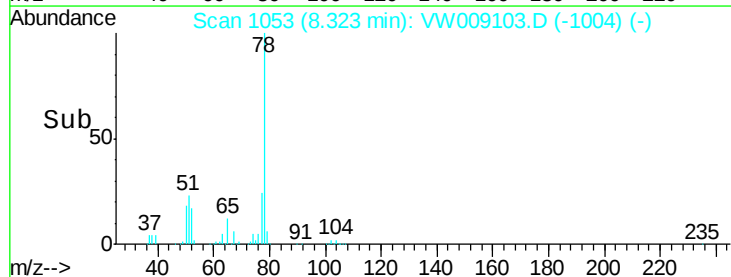
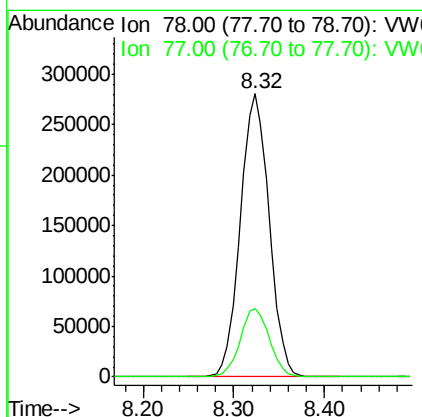
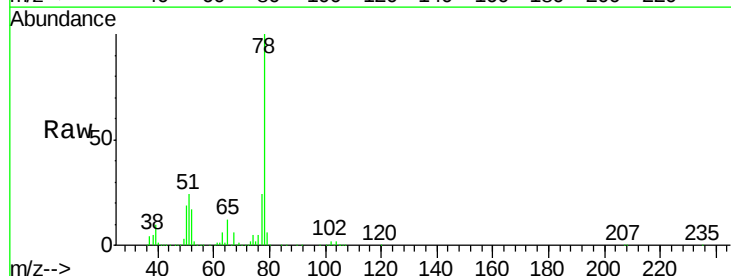
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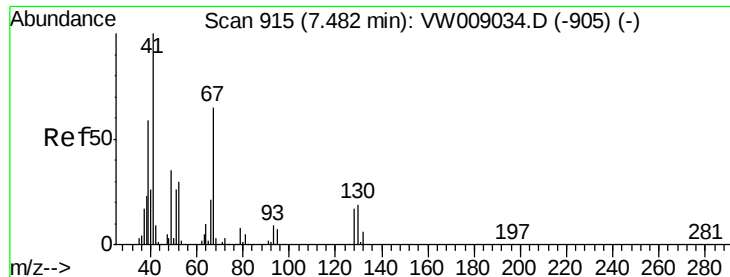
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#40
Benzene
Concen: 49.762 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	20.2	30.4





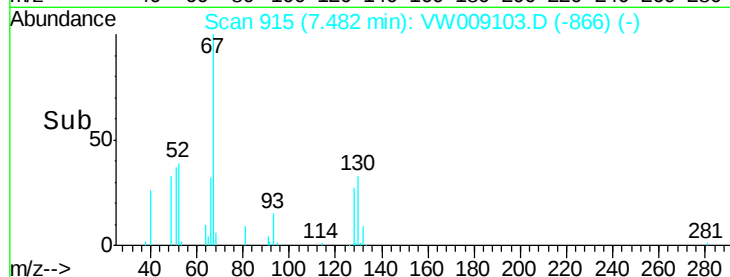
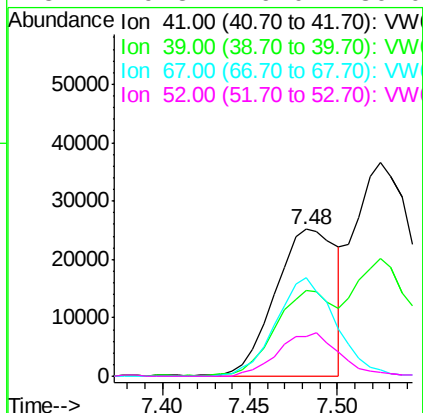
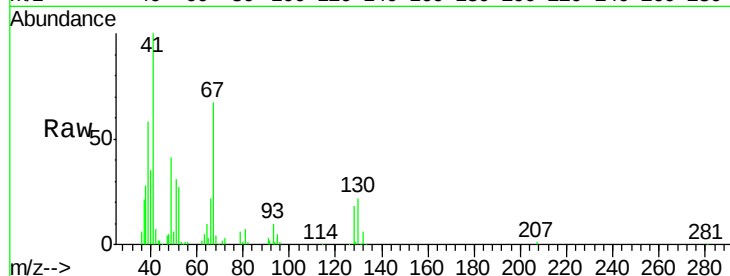
#41
Methacrylonitrile
Concen: 50.840 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.9	53.6	80.4
67	65.9	57.6	86.4
52	29.8	26.0	39.0

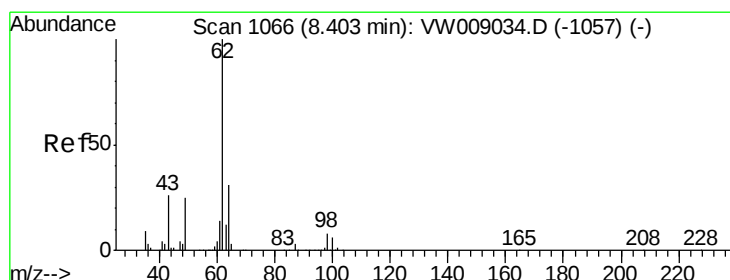
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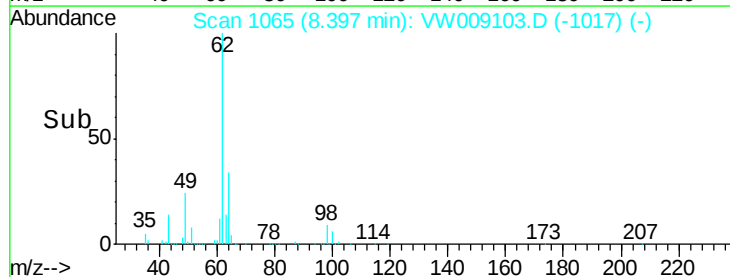
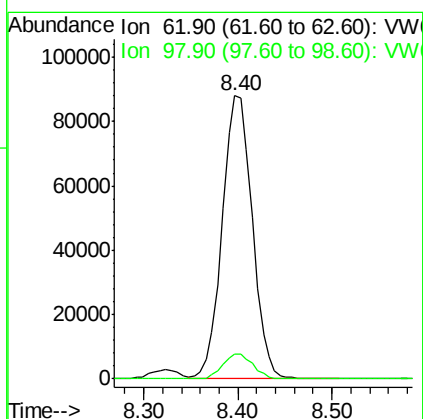
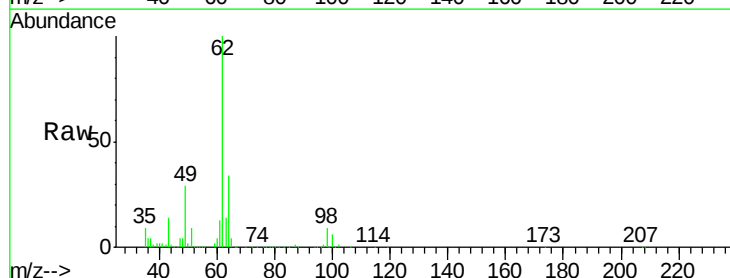
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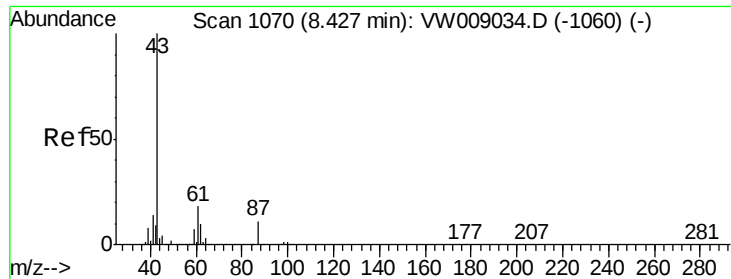
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#42
1,2-Dichloroethane
Concen: 48.729 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6





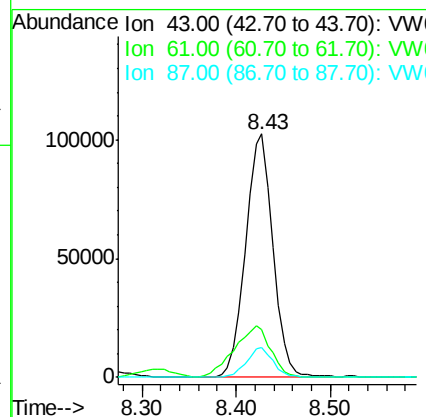
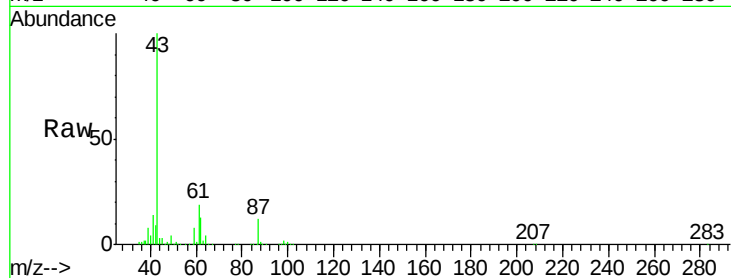
#43
Isopropyl Acetate
Concen: 51.317 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.2	22.8	34.2
87	11.8	9.4	14.2

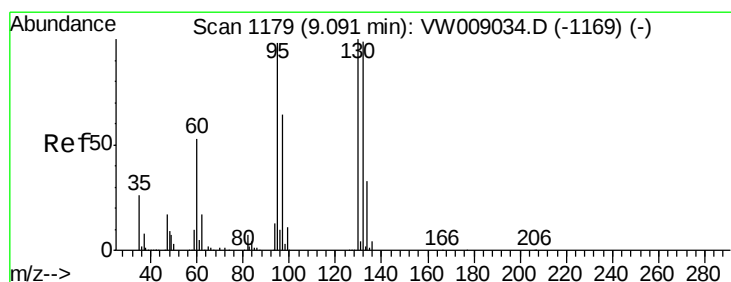
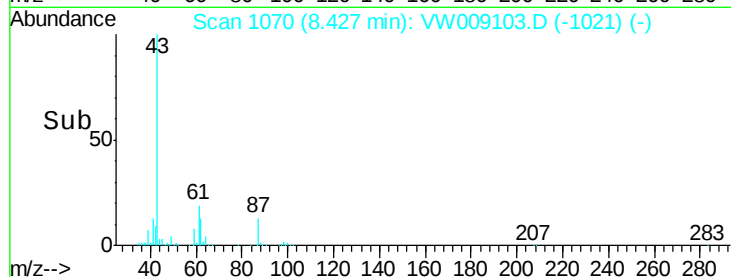
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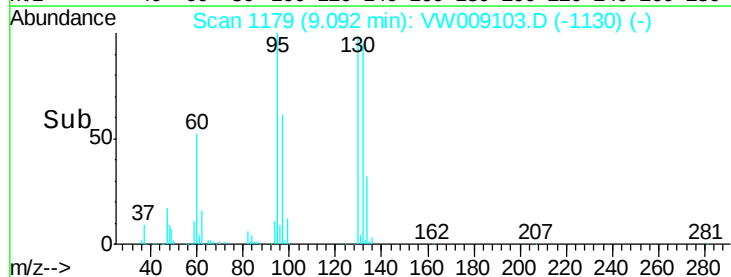
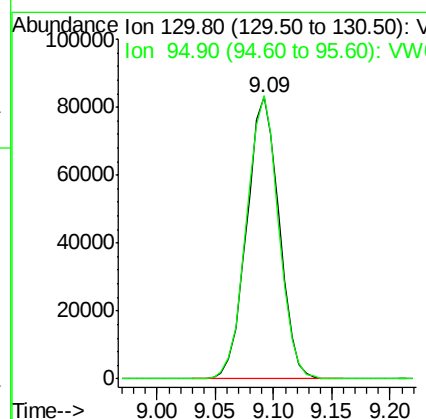
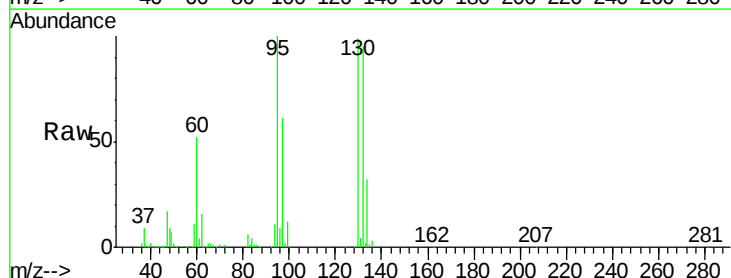
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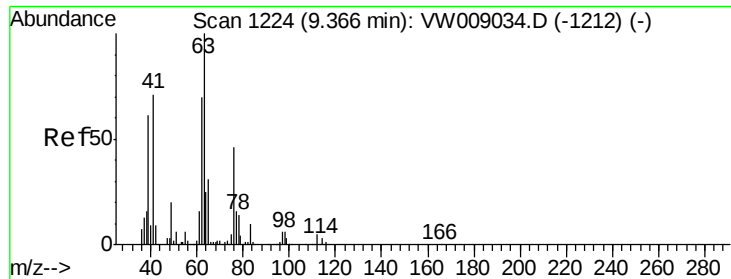
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#44
Trichloroethene
Concen: 46.431 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	197.0





#45

1,2-Dichloropropane

Concen: 49.284 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 152829

Ion Ratio Lower Upper

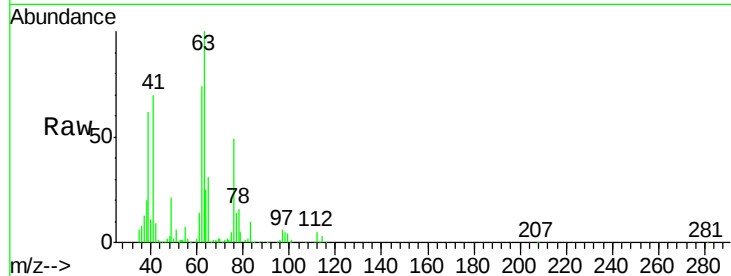
63 100

65 30.6 24.9 37.3

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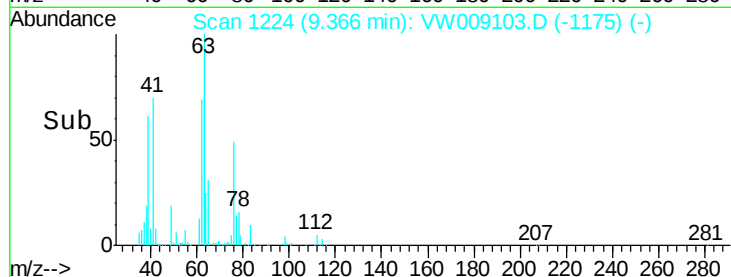
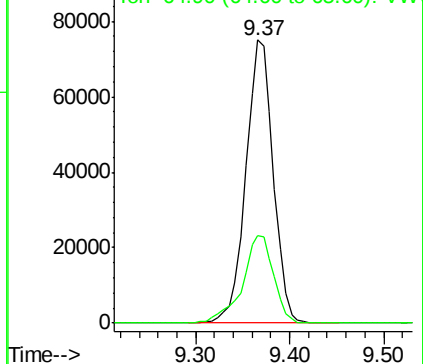
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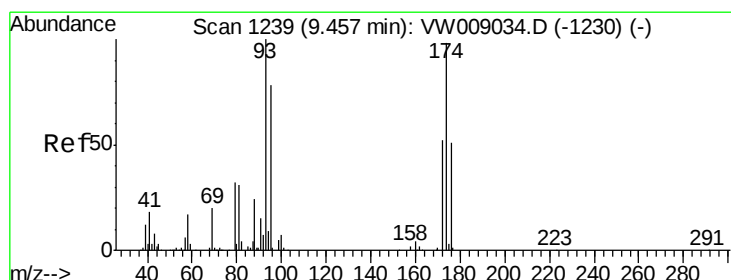
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



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#46

Dibromomethane

Concen: 48.951 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

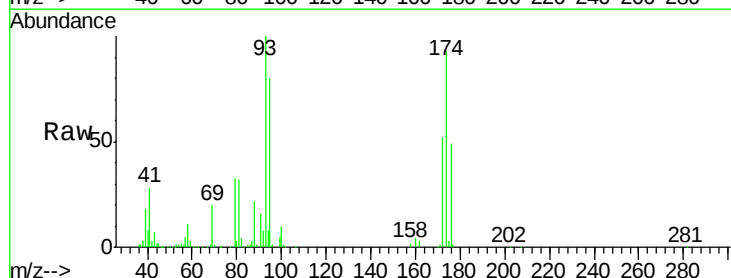
Tgt Ion: 93 Resp: 82902

Ion Ratio Lower Upper

93 100

95 82.4 65.0 97.6

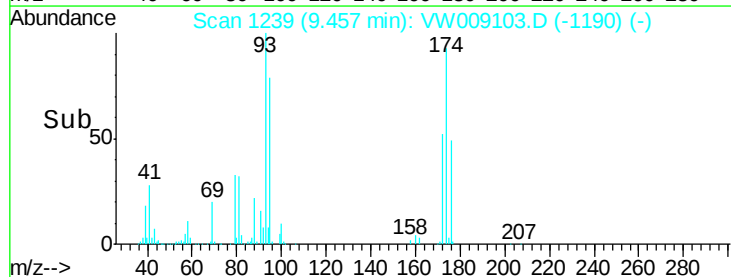
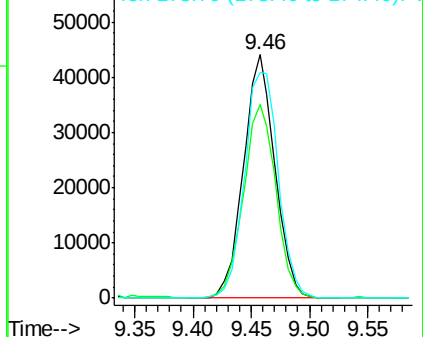
174 100.0 81.8 122.6

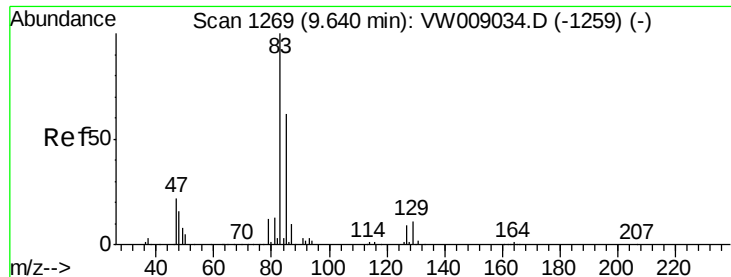


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.949 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

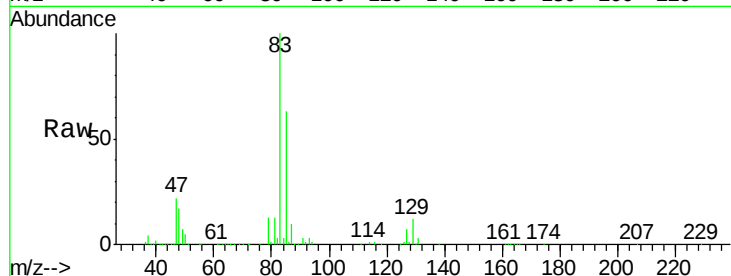
ClientSampleId :

VSTDCCC050

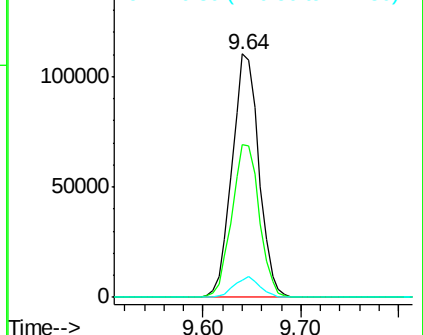
Tot Ion:	83	Resp:	209850
Ion Ratio	Lower	Upper	
83	100		
85	62.8	49.9	74.9
127	7.2	7.1	10.7

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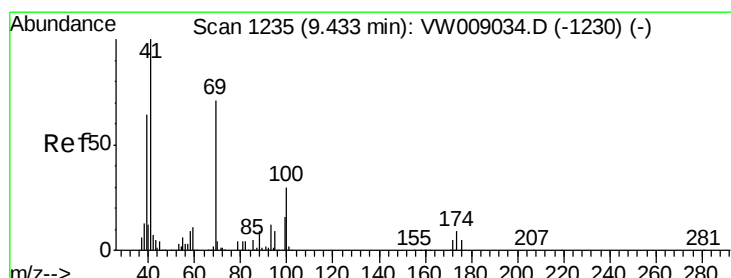
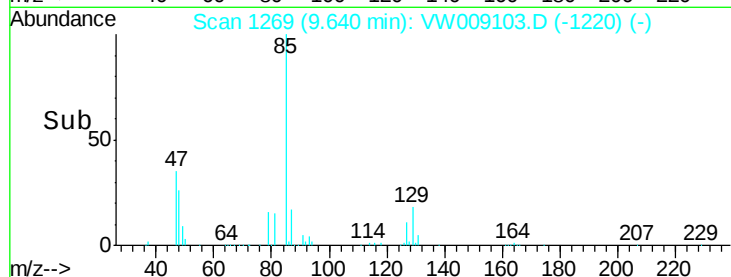


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



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#48

Methyl methacrylate

Concen: 54.018 ug/l

RT: 9.43 min Scan# 1235

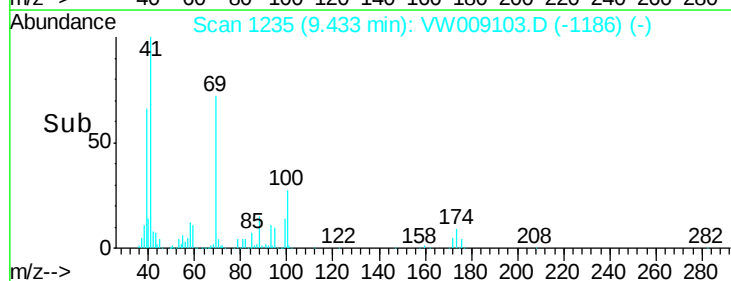
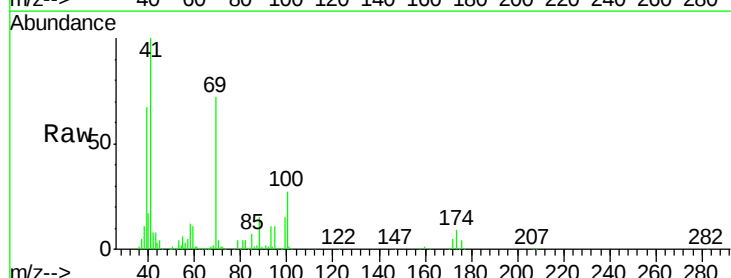
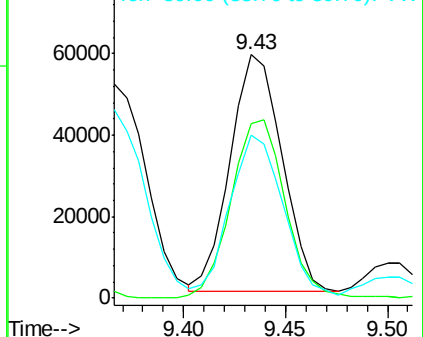
Delta R.T. 0.00 min

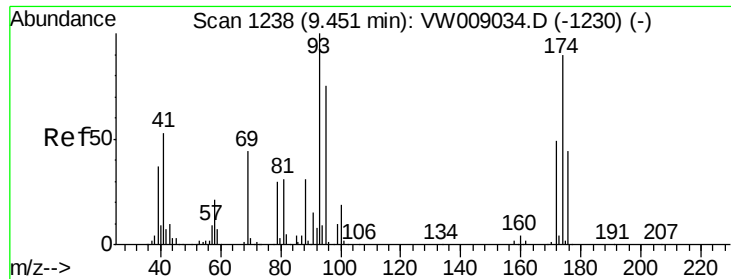
Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Tgt Ion:	41	Resp:	102059
Ion Ratio	Lower	Upper	
41	100		
69	79.1	59.1	88.7
39	68.6	48.9	73.3

Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





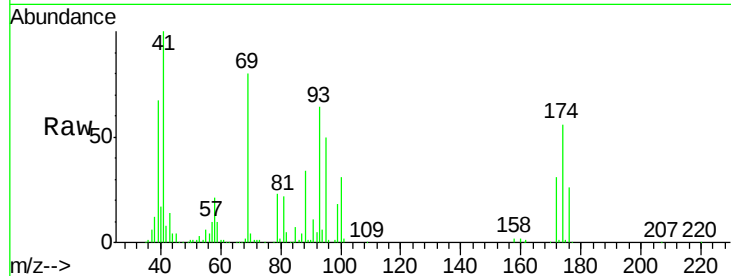
#49
1,4-Dioxane
Concen: 1189.114 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

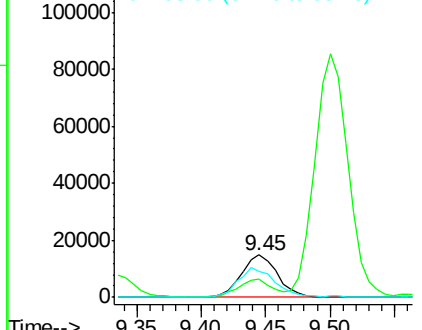
Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	39.2	29.0	43.4	
58	71.2	59.2	88.8	

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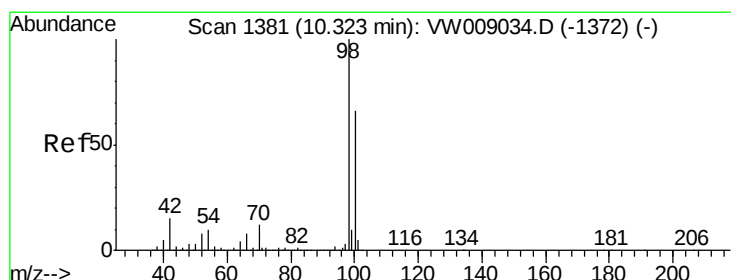
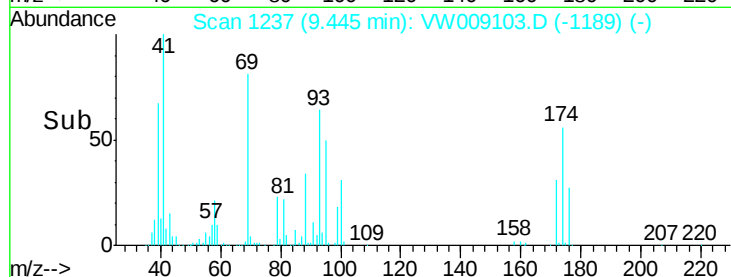


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



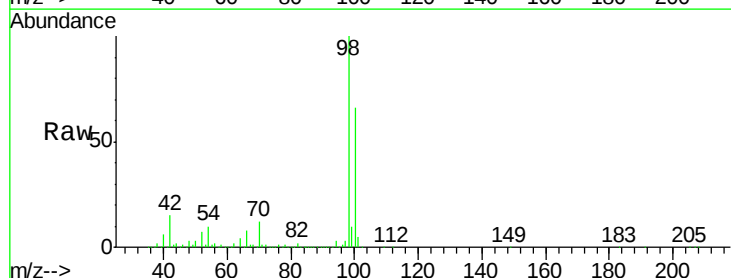
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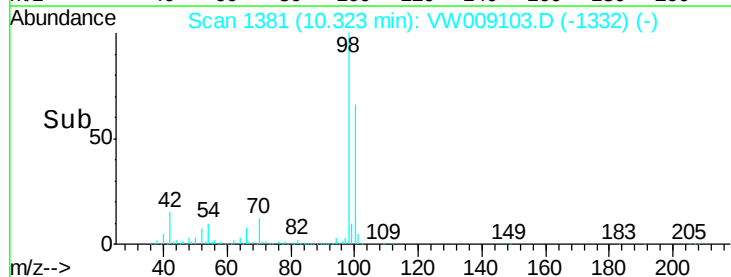
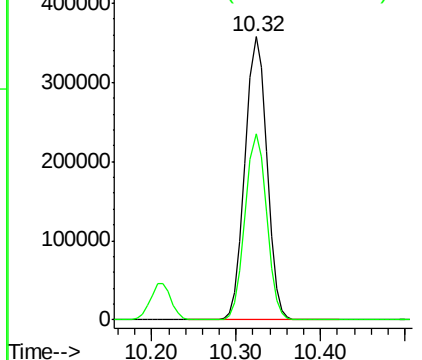


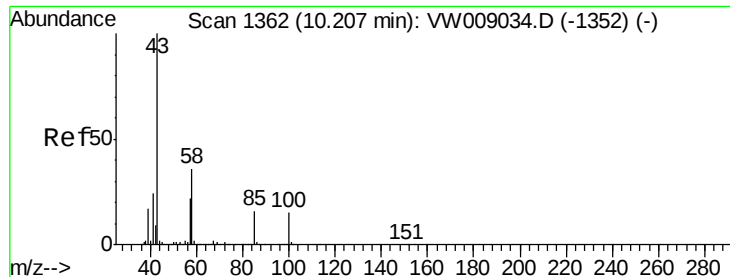
#50
Toluene-d8
Concen: 56.822 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	64.8	51.9	77.9	



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





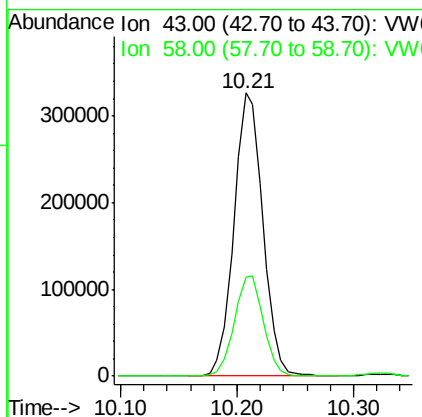
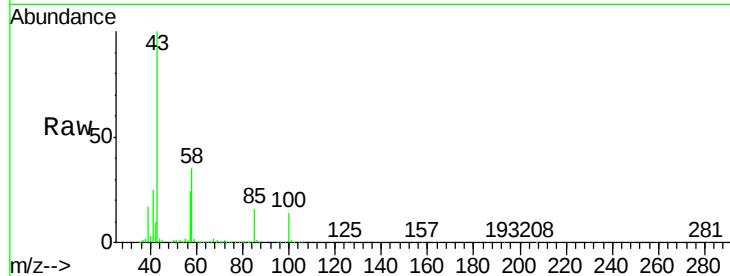
#51
4-Methyl-2-Pentanone
Concen: 273.707 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.8	43.2

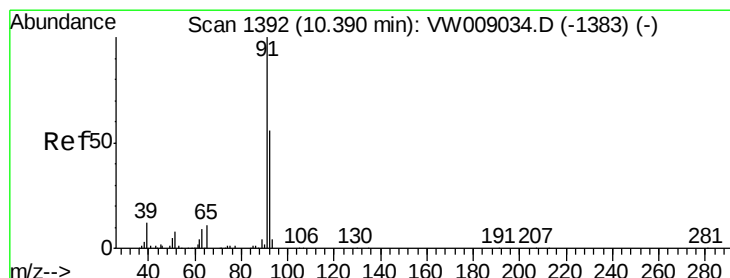
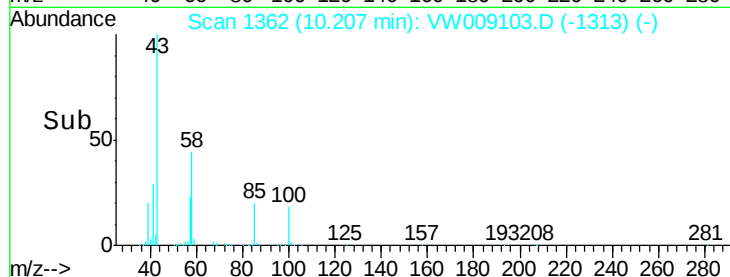
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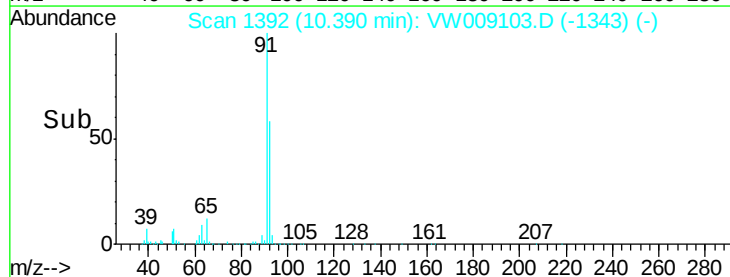
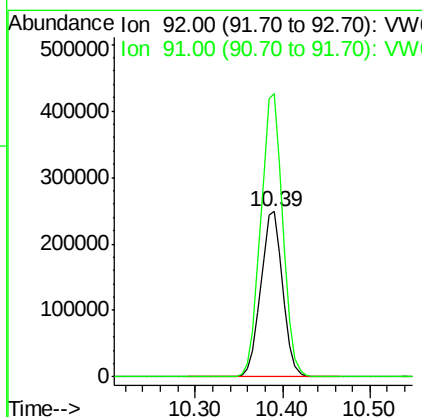
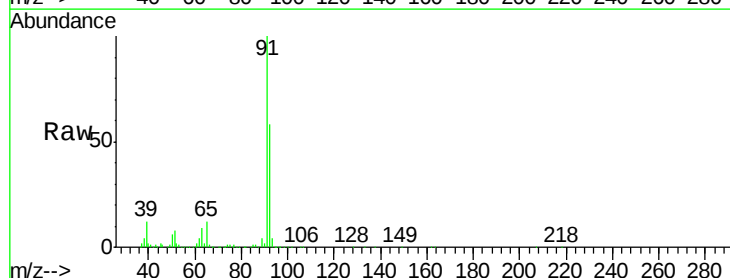
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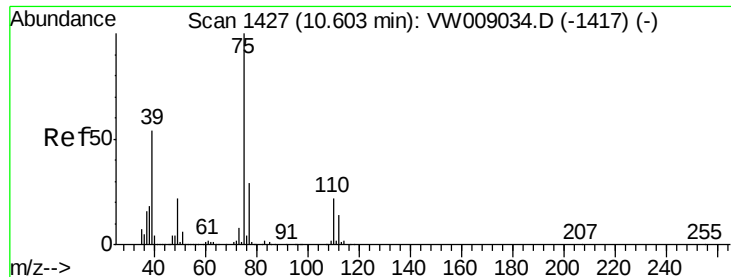
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#52
Toluene
Concen: 51.939 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.1	139.9	209.9





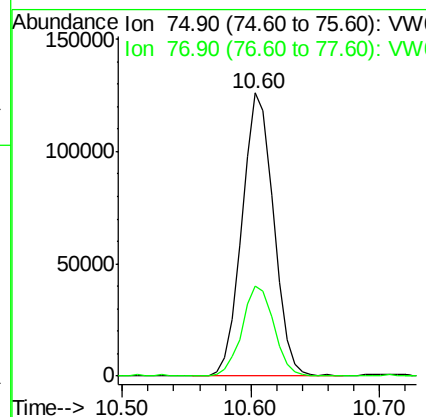
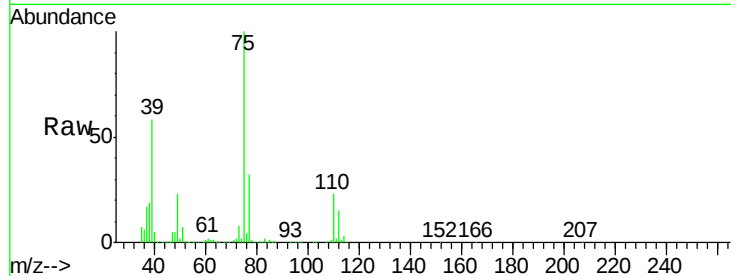
#53
t-1,3-Dichloropropene
Concen: 50.317 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	23.6	35.4

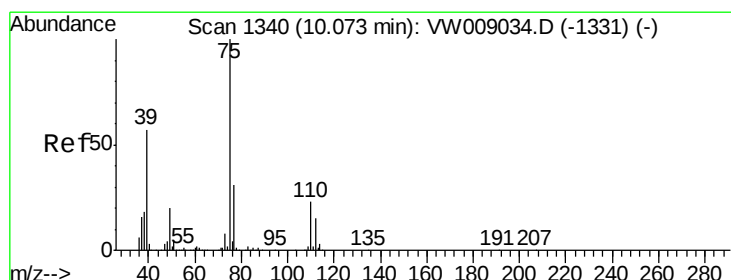
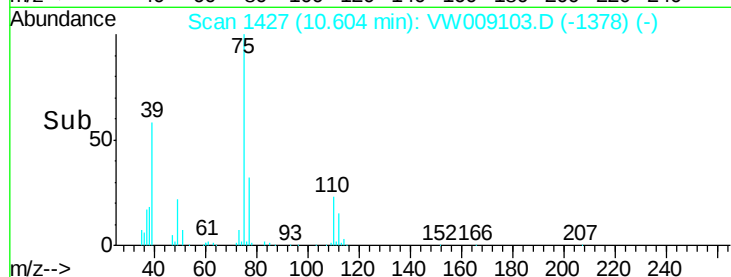
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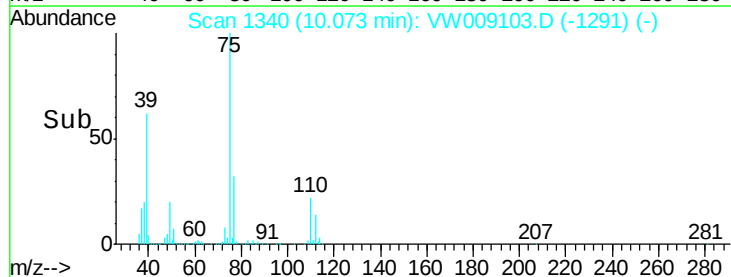
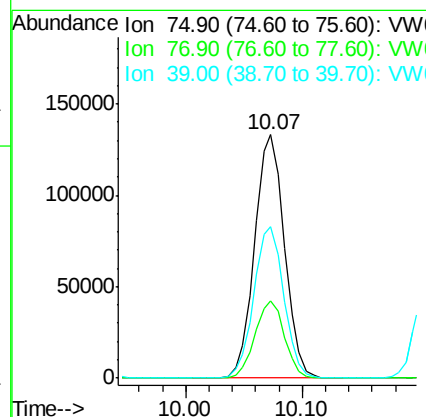
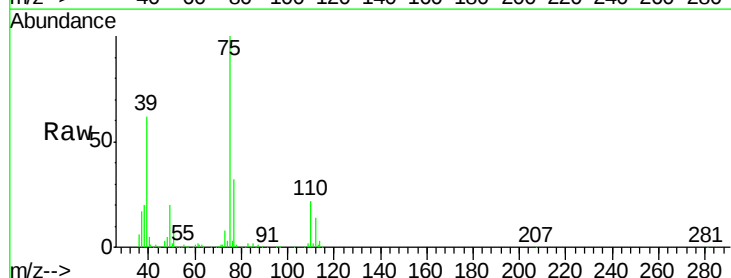
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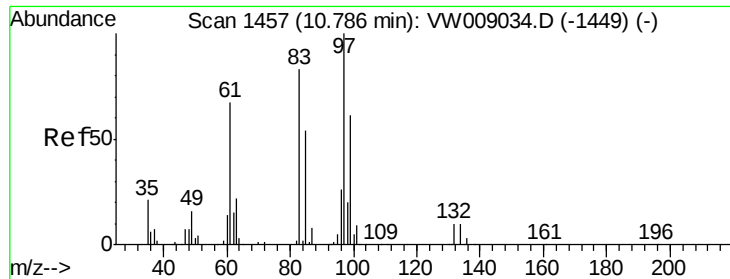
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#54
cis-1,3-Dichloropropene
Concen: 48.961 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	36.8
39	61.9	45.9	68.9





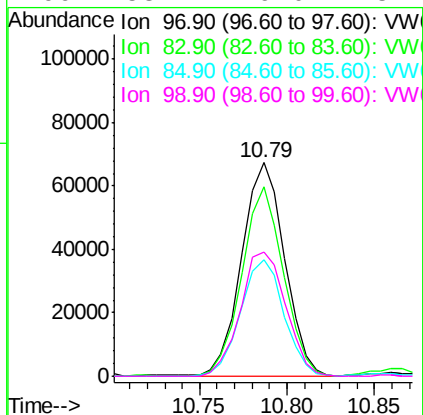
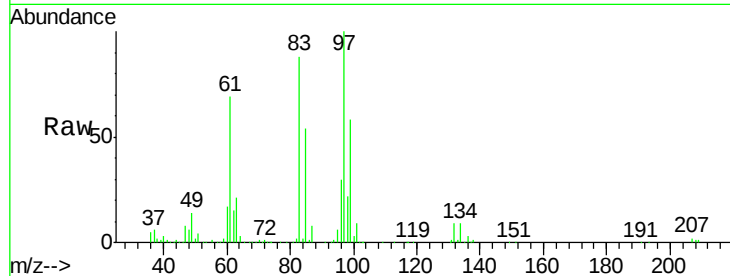
#55
 1,1,2-Trichloroethane
 Concen: 49.779 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		114265		
83	88.5	66.2	99.2		
85	54.5	43.6	65.4		
99	58.1	49.0	73.4		

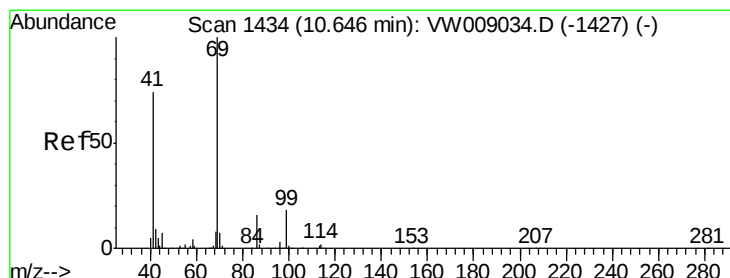
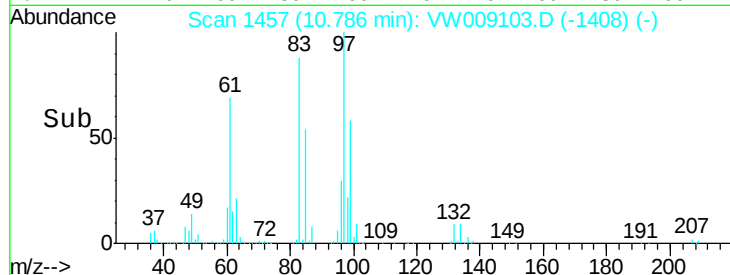
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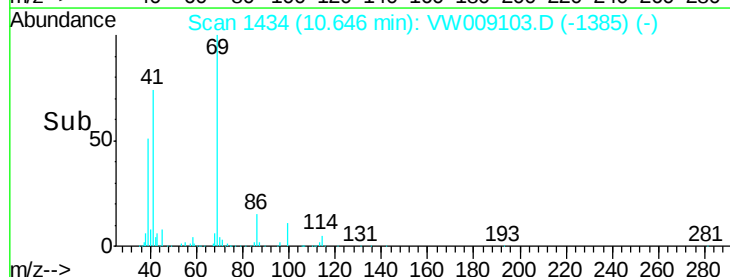
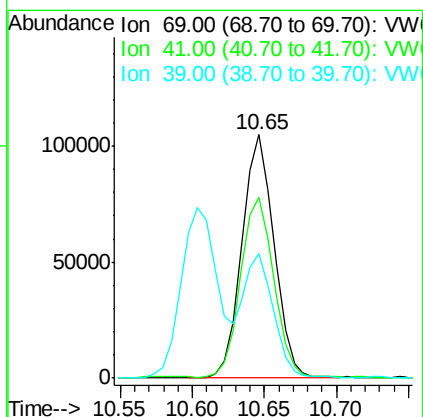
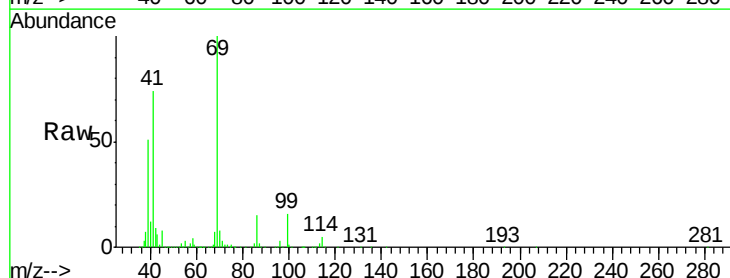
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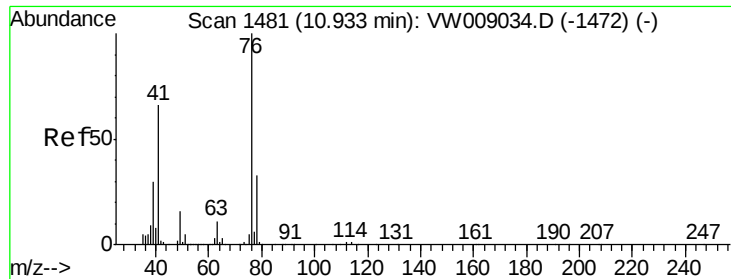
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#56
 Ethyl methacrylate
 Concen: 57.120 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		162725		
41	76.3	59.4	89.2		
39	47.9	38.5	57.7		





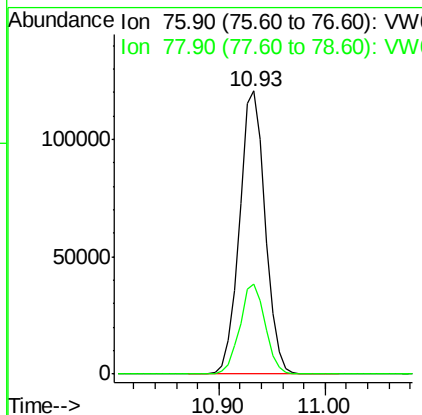
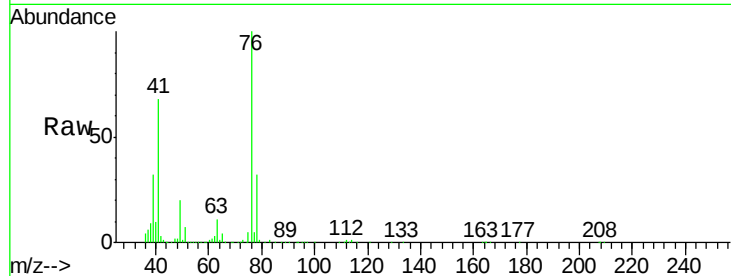
#57
 1,3-Dichloropropane
 Concen: 50.216 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.7	38.5

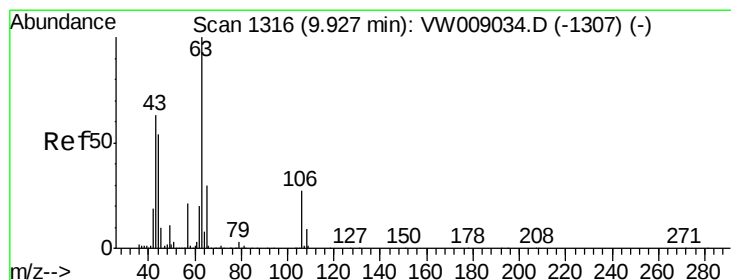
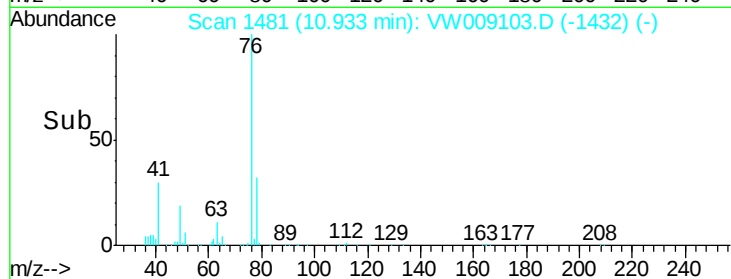
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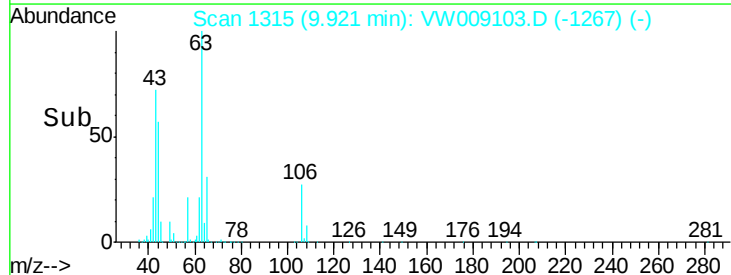
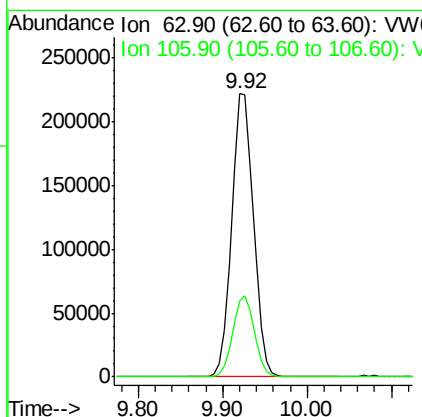
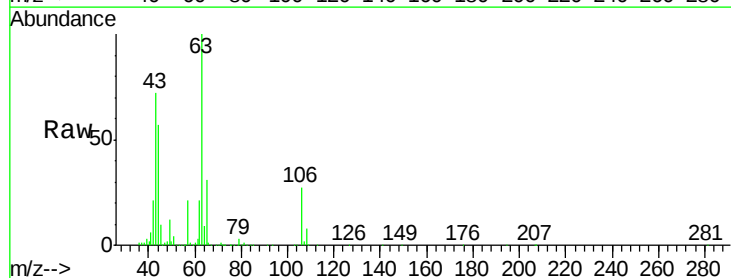
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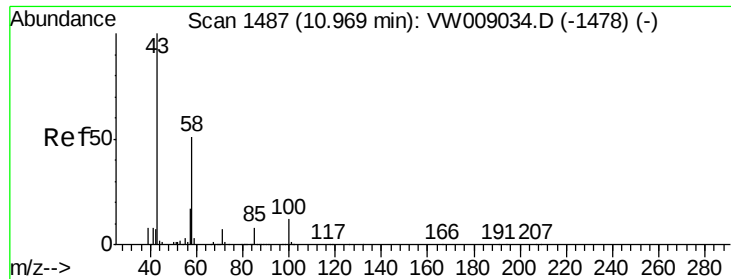
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#58
 2-Chloroethyl Vinyl ether
 Concen: 263.036 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	23.0	34.6





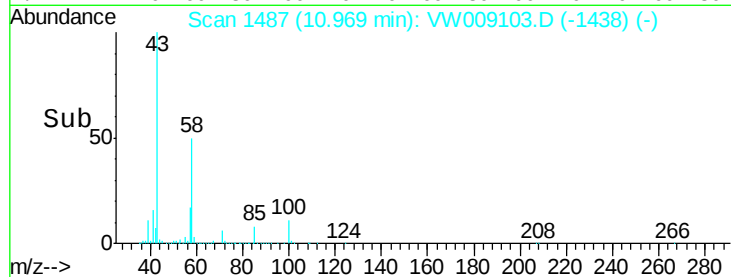
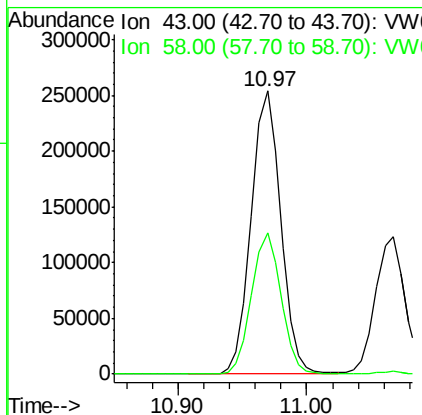
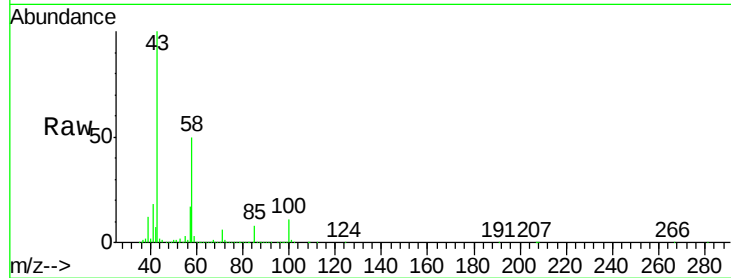
#59
2-Hexanone
Concen: 277.232 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.2	25.3	75.9

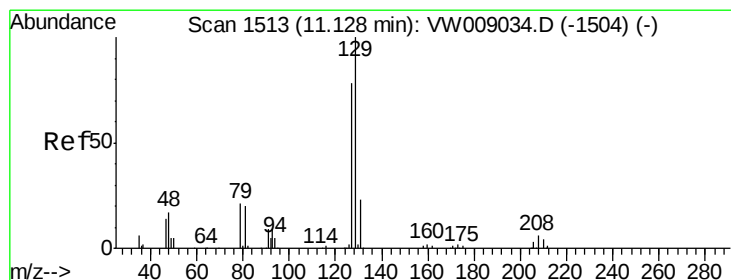
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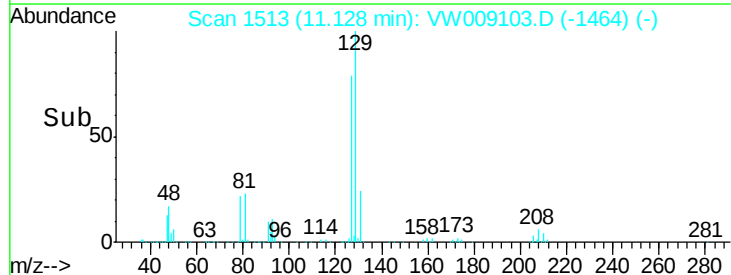
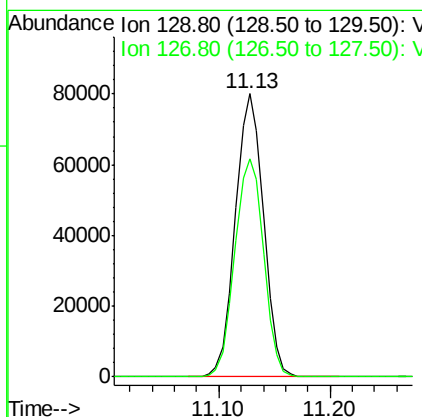
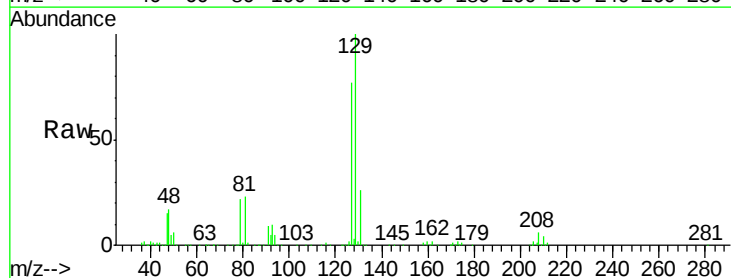
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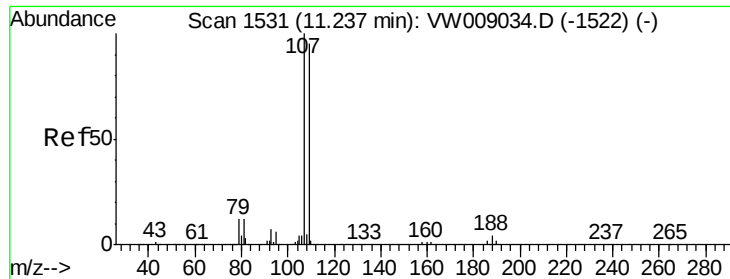
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#60
Dibromochloromethane
Concen: 49.433 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.4	115.1





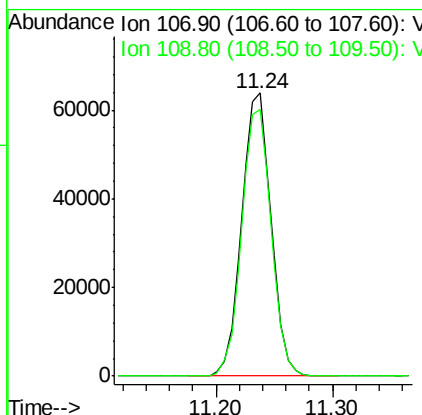
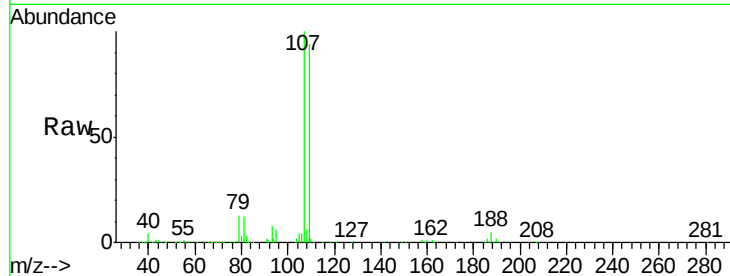
#61
 1,2-Dibromoethane
 Concen: 49.912 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	112317		
109	95.4	74.7	112.1	

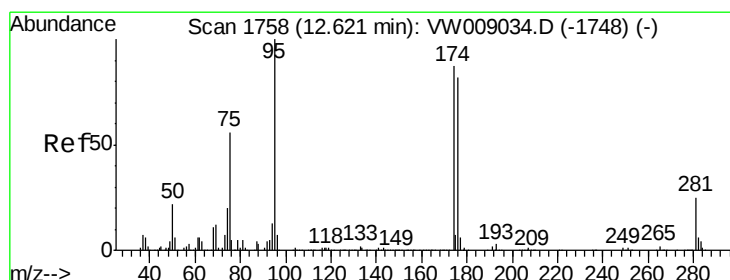
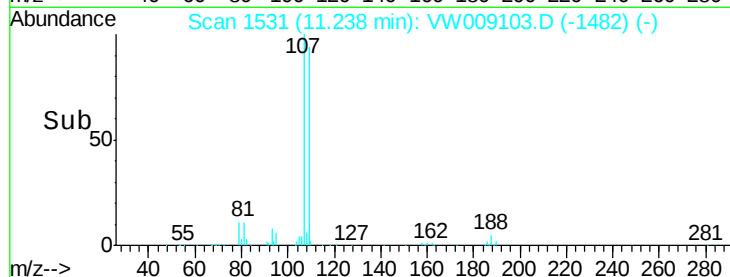
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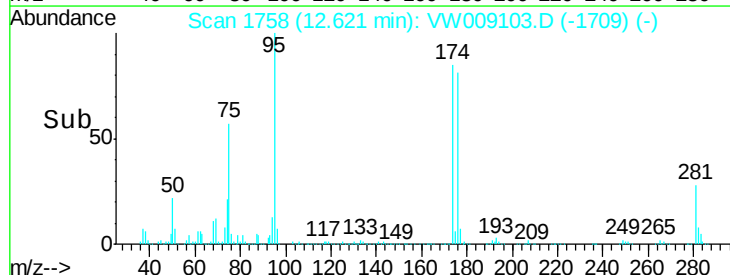
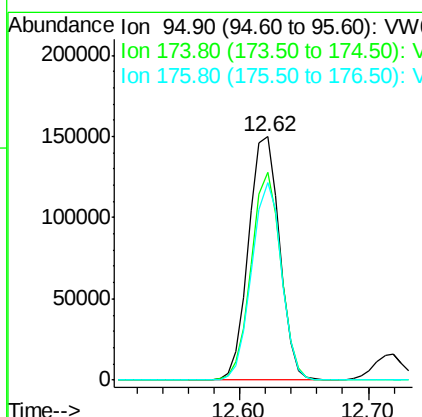
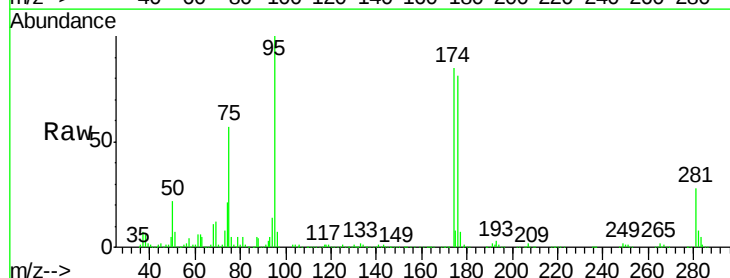
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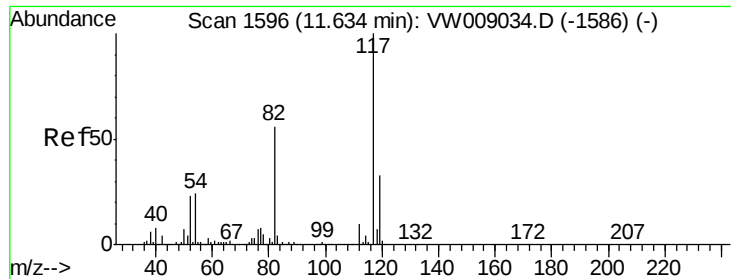
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#62
 4-Bromofluorobenzene
 Concen: 57.272 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	247312		
174	82.0	0.0	167.0	
176	78.5	0.0	159.4	





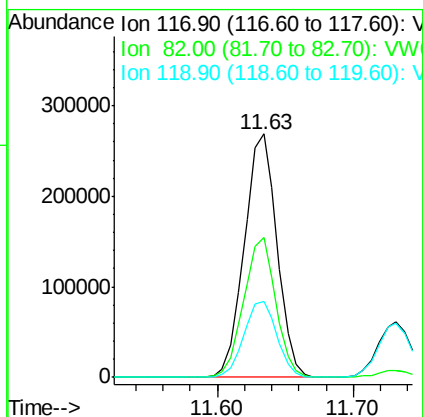
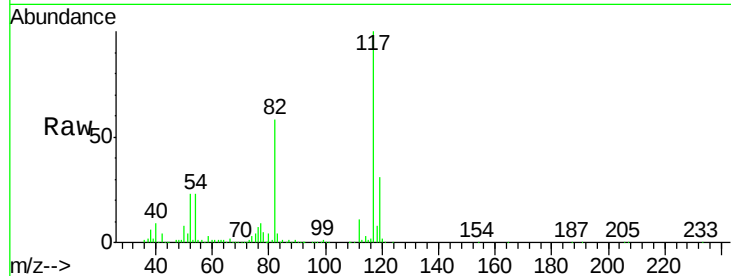
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.0	67.6
119	31.2	26.6	39.8

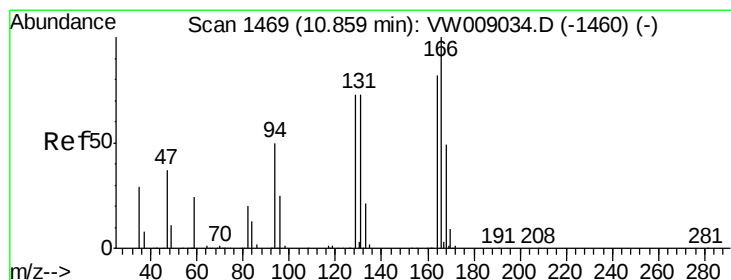
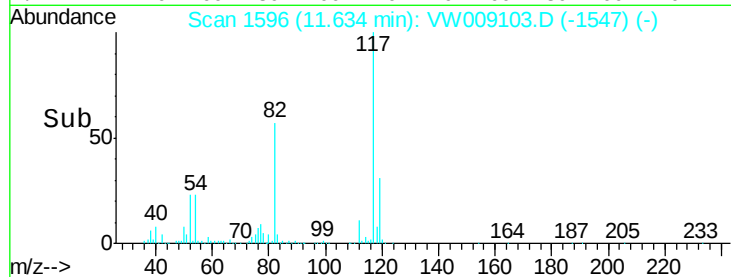
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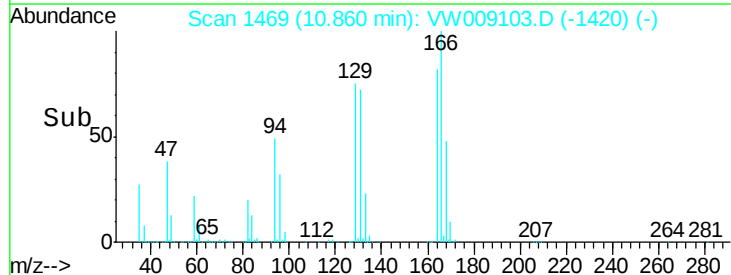
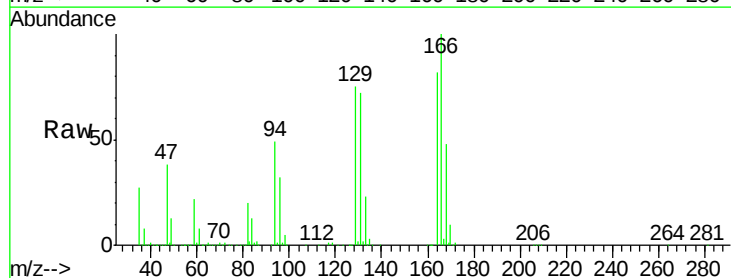
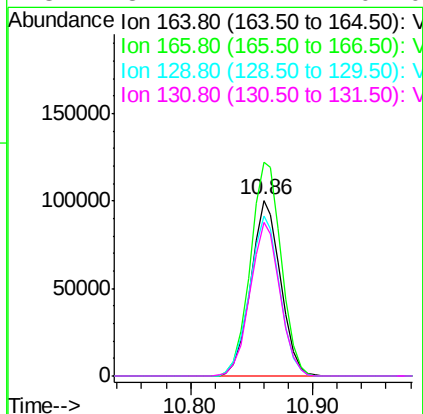
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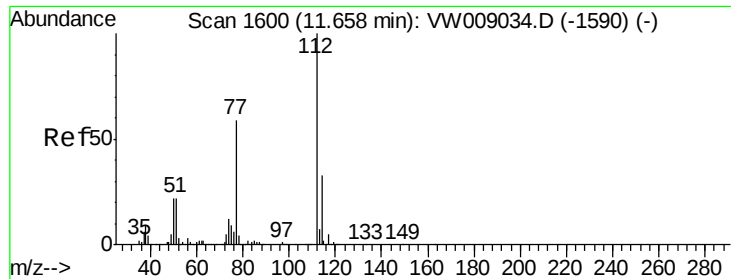
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#64
Tetrachloroethene
Concen: 52.439 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.7	97.8	146.6
129	90.9	71.6	107.4
131	87.2	71.4	107.0





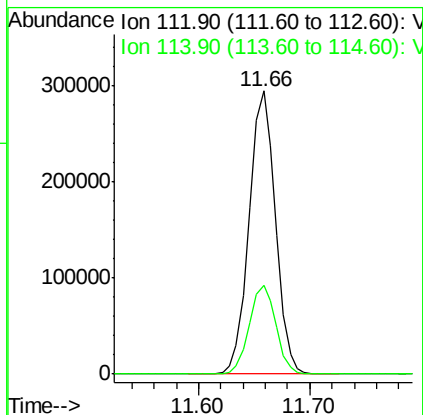
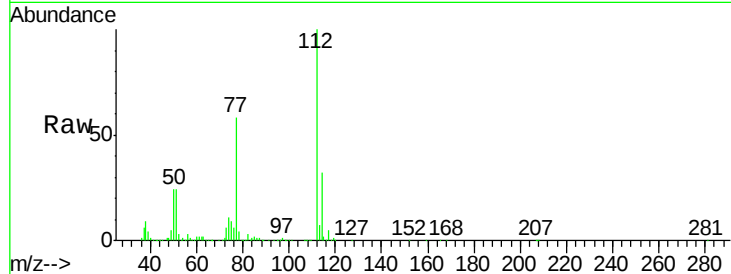
#65
Chlorobenzene
Concen: 49.442 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 484905
Ion Ratio Lower Upper
112 100
114 31.6 26.6 40.0

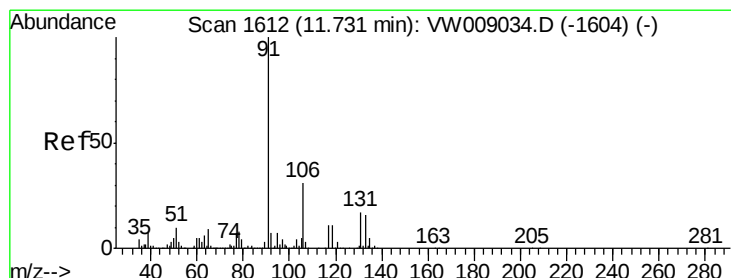
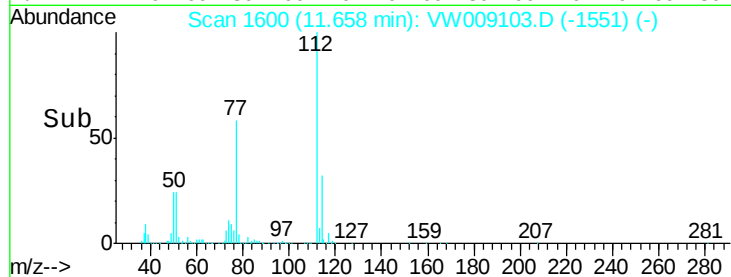
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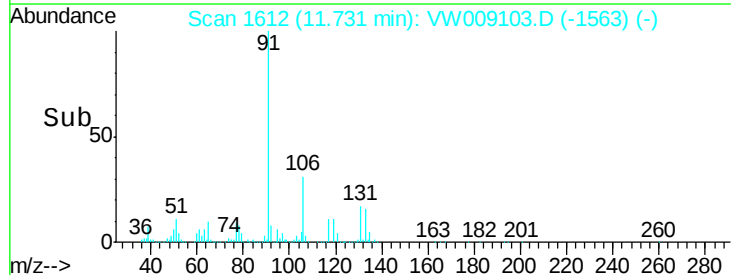
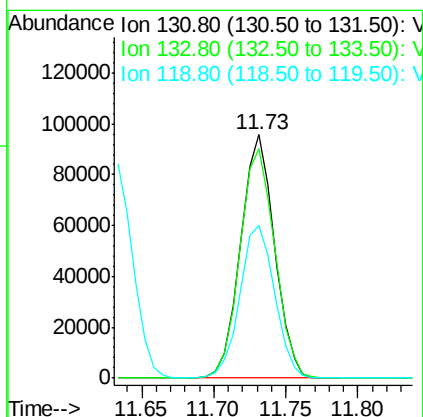
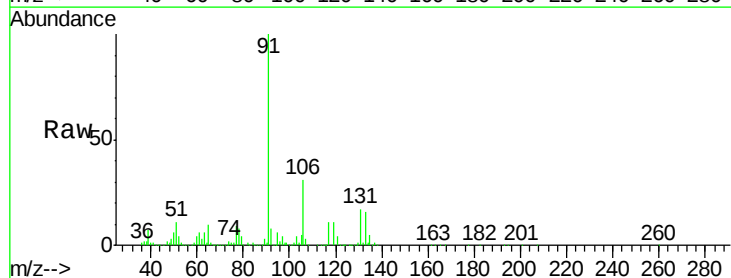
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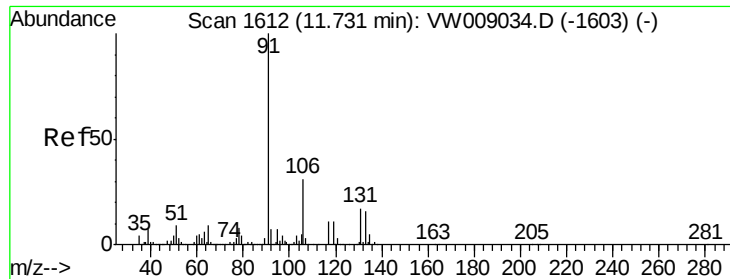
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.583 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion:131 Resp: 155822
Ion Ratio Lower Upper
131 100
133 97.2 47.6 142.8
119 64.6 31.3 93.8





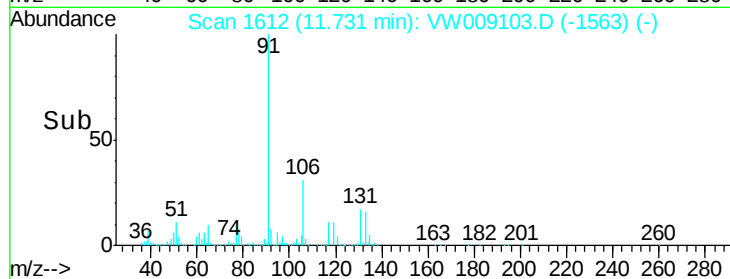
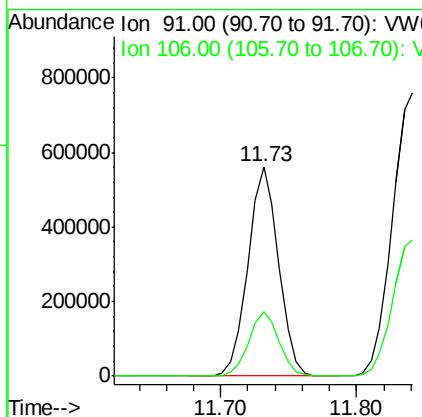
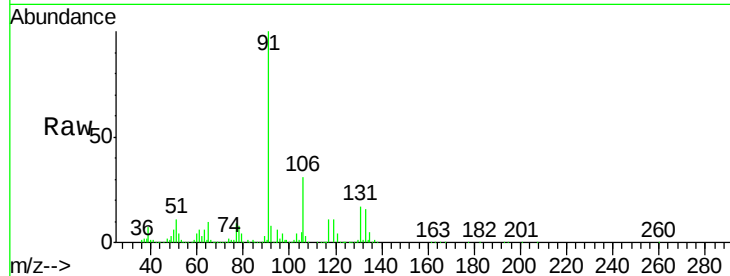
#67
Ethyl Benzene
Concen: 49.685 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 880306
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4

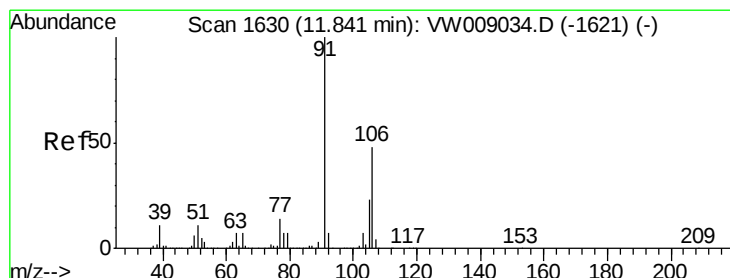
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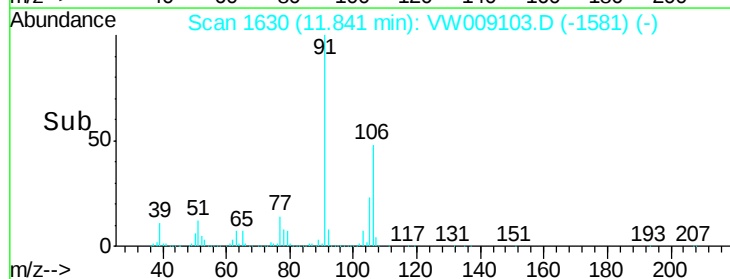
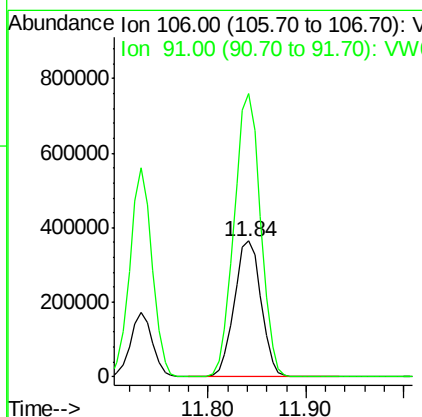
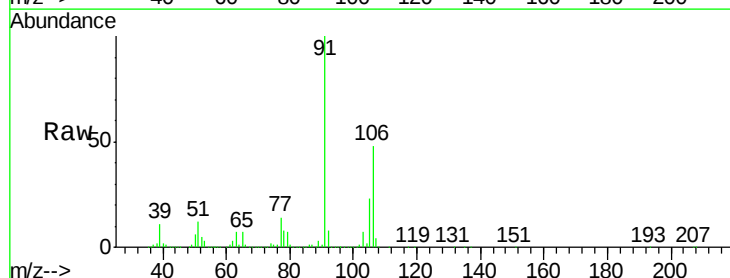
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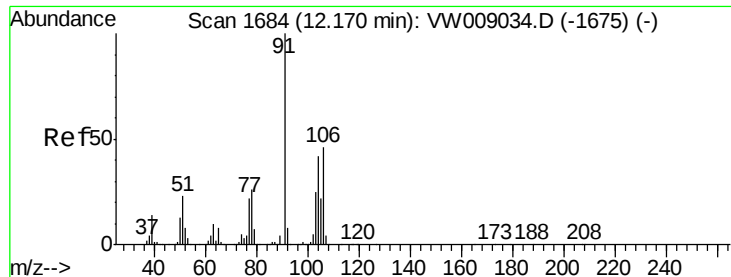
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#68
m/p-Xylenes
Concen: 98.793 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion: 106 Resp: 690908
Ion Ratio Lower Upper
106 100
91 206.1 163.2 244.8





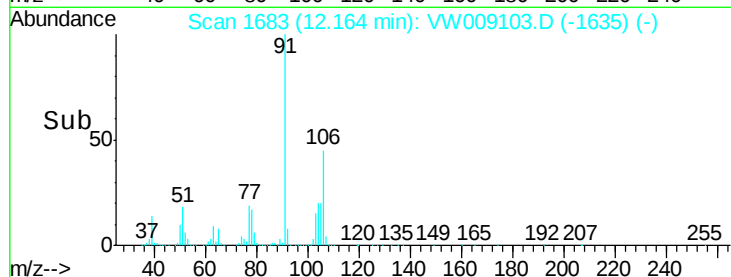
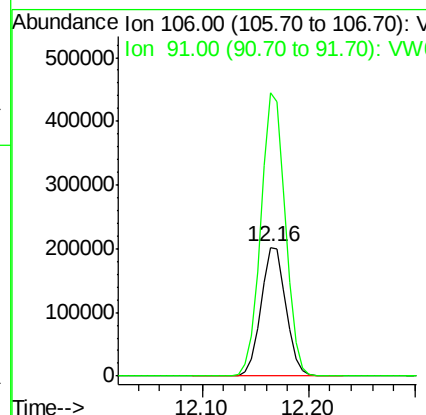
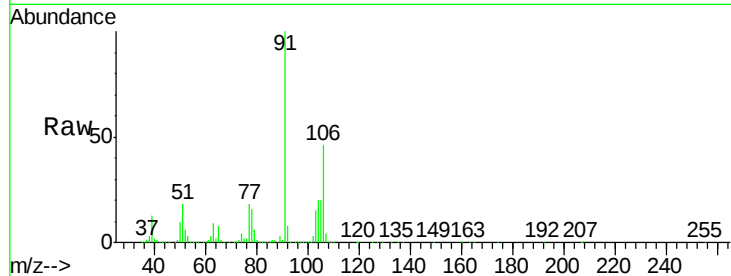
#69
o-Xylene
Concen: 50.956 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 331574
Ion Ratio Lower Upper
106 100
91 217.0 108.6 325.6

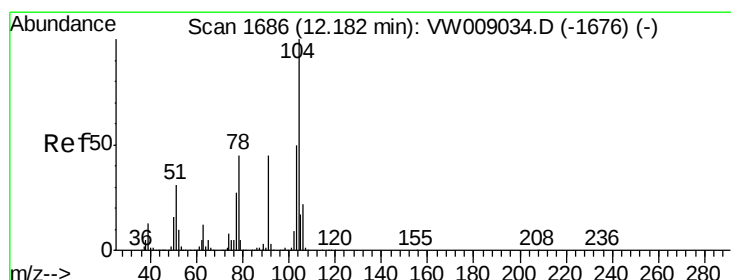
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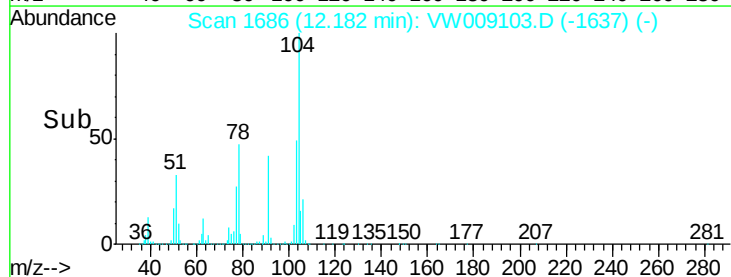
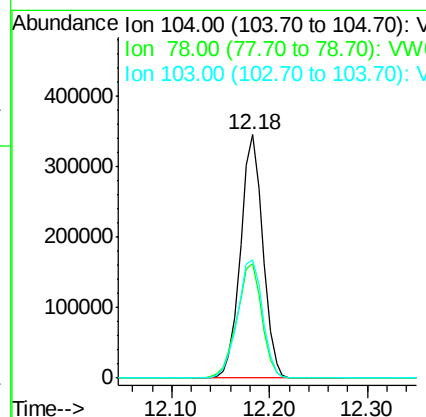
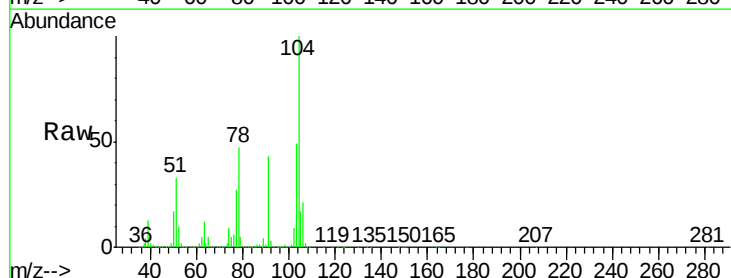
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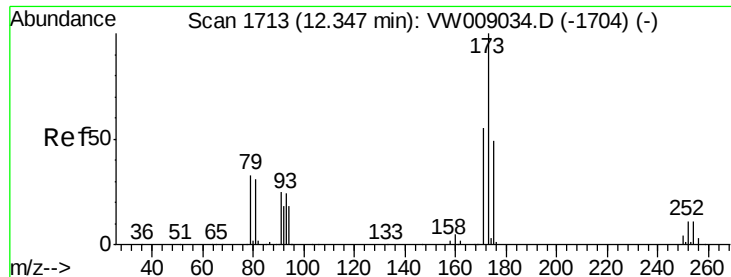
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#70
Styrene
Concen: 51.928 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion:104 Resp: 546709
Ion Ratio Lower Upper
104 100
78 52.7 42.1 63.1
103 54.7 43.9 65.9





#71

Bromoform

Concen: 49.418 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

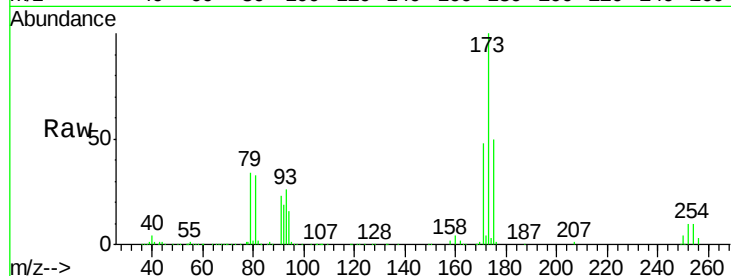
ClientSampled :

VSTDCCC050

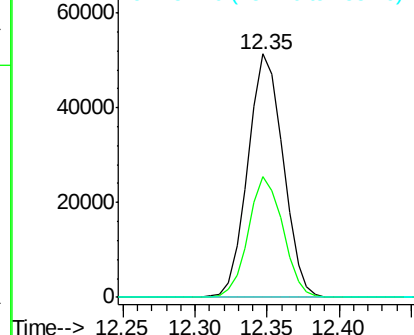
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	74.0
254	0.1	0.0	0.0

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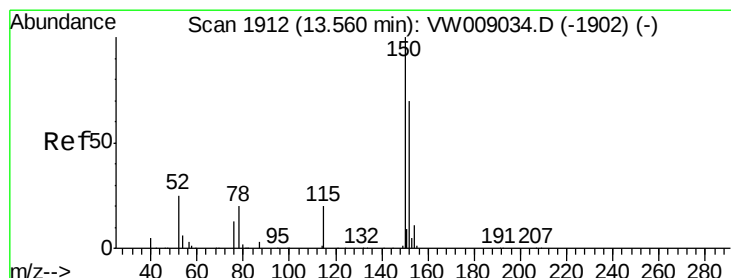
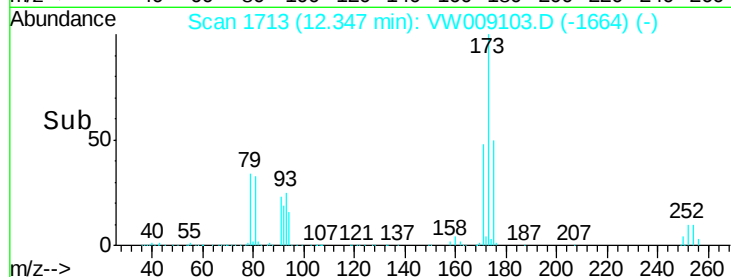


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

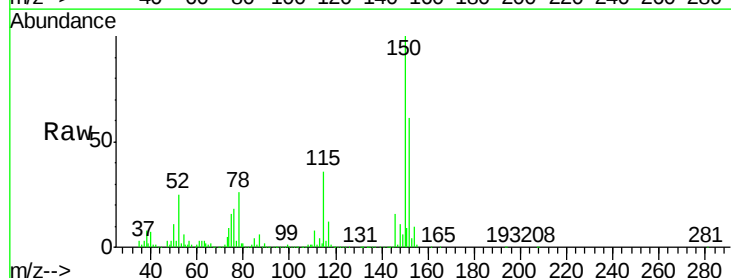
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

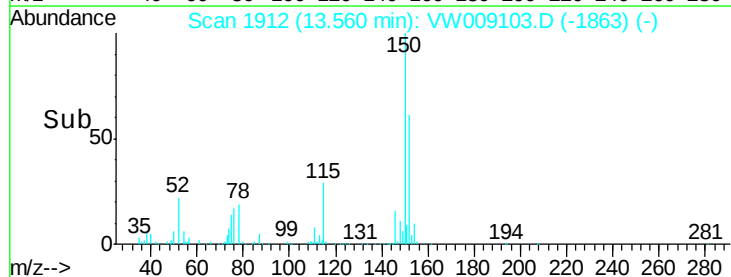
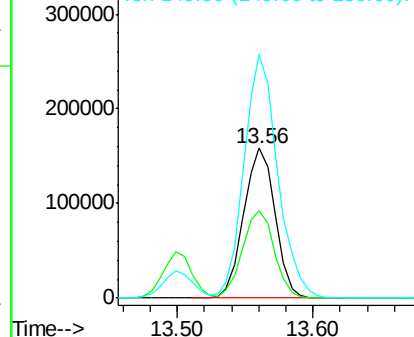
Lab File: VW009103.D

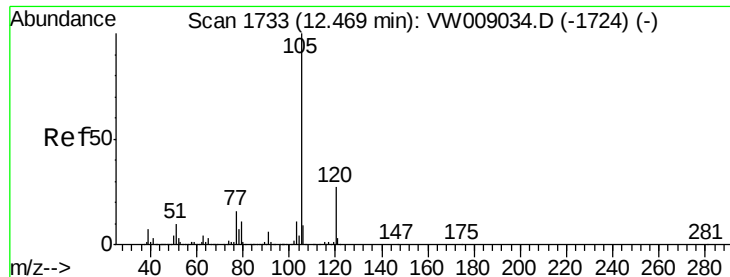
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.9	86.7
150	175.3	0.0	349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.813 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 906450

Ion Ratio Lower Upper

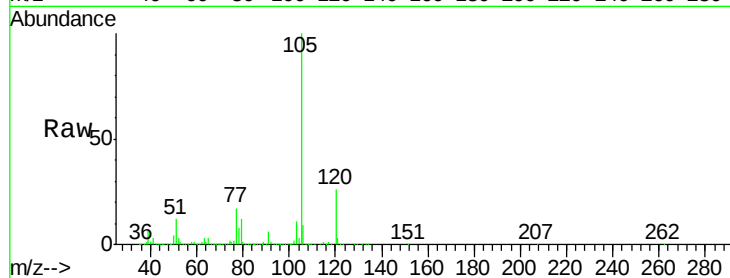
105 100

120 26.2 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

600000

400000

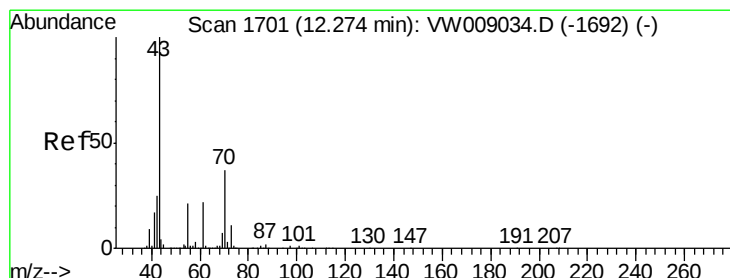
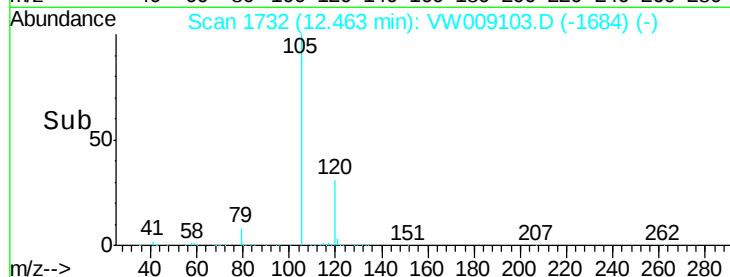
200000

0

Time-->

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#74

N-ethyl acetate

Concen: 56.749 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Tgt Ion: 43 Resp: 244465

Ion Ratio Lower Upper

43 100

70 37.3 30.8 46.2

55 22.3 17.8 26.8

61 21.7 17.4 26.2

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

250000

200000

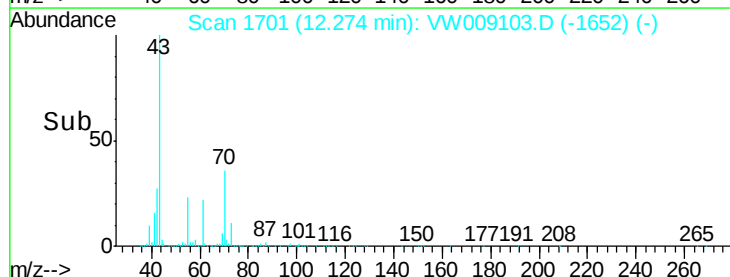
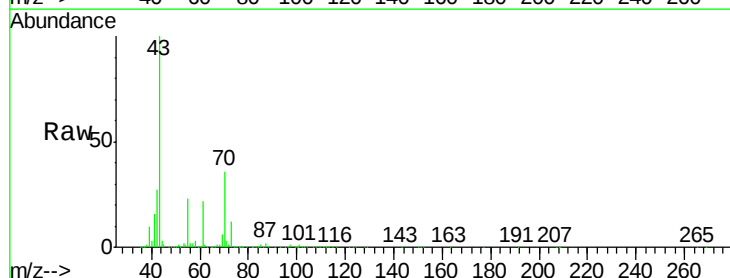
150000

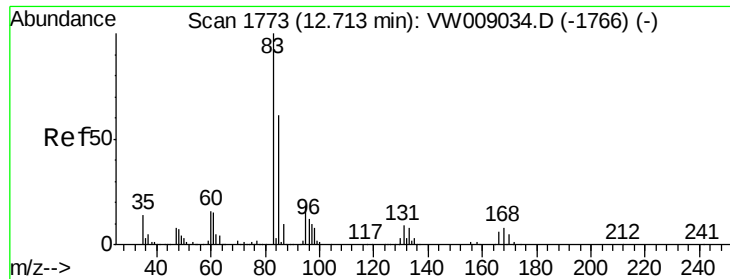
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.637 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

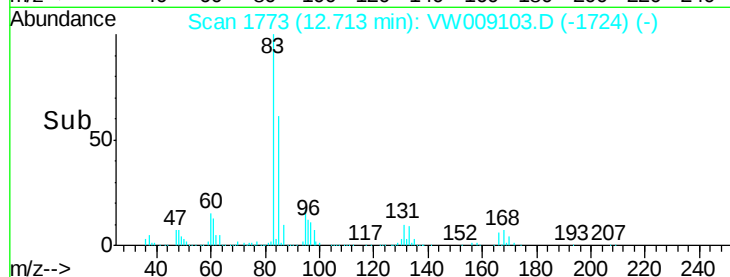
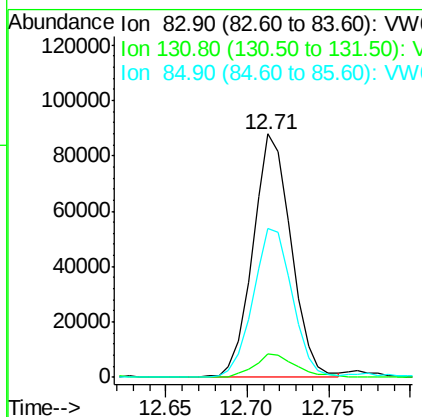
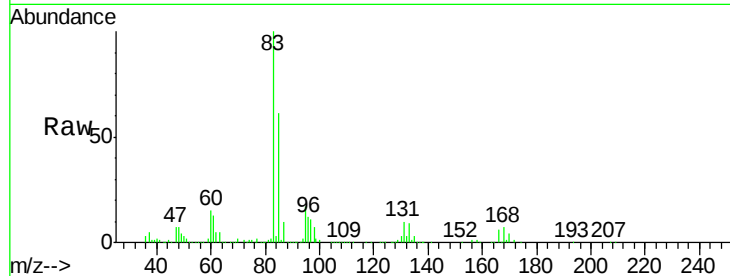
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	142481
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.7
85	62.8	31.7	95.1

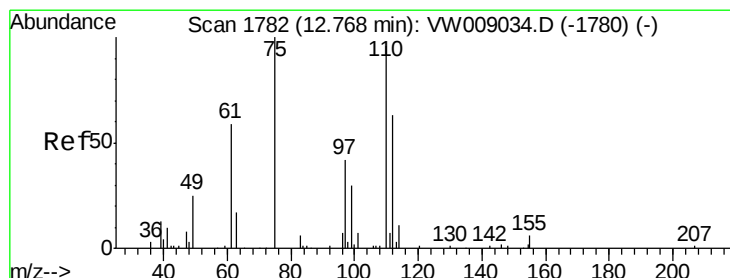
Manual Integrations
APPROVED

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#76

1,2,3-Trichloropropane

Concen: 51.547 ug/l m

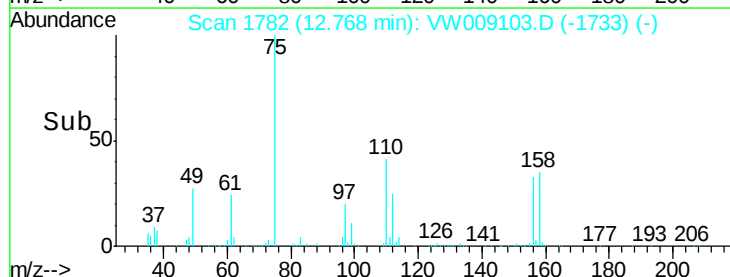
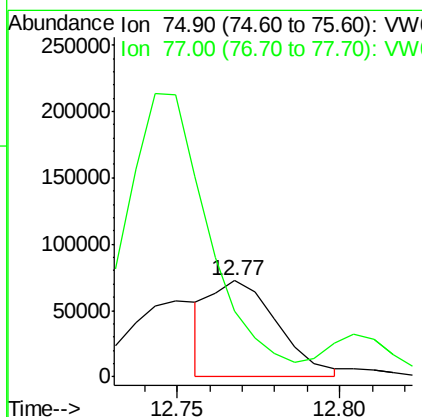
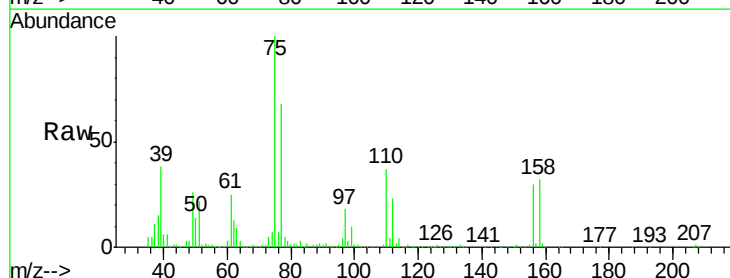
RT: 12.77 min Scan# 1782

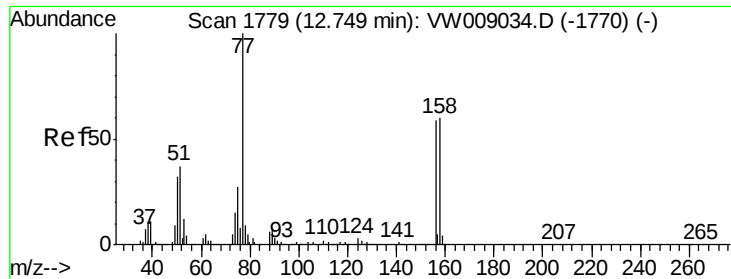
Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Tgt Ion:	75	Resp:	103490
Ion Ratio	Lower	Upper	
75	100		
77	0.0	186.7	560.0#





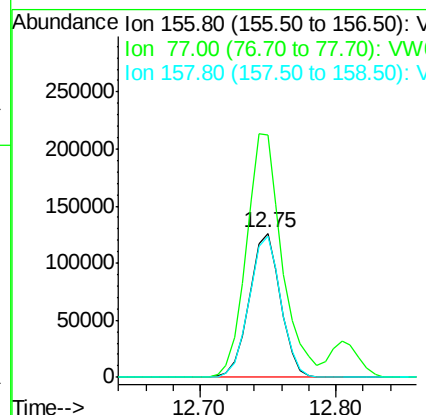
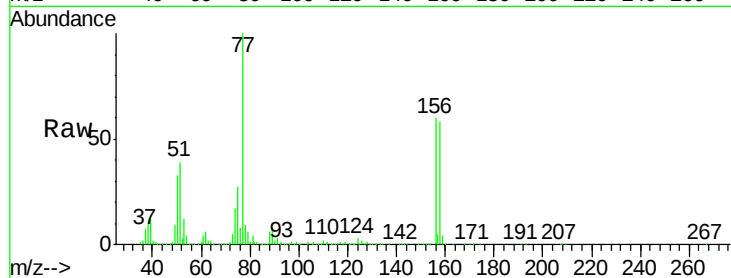
#77
Bromobenzene
Concen: 48.863 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
156	100	203162		
77	190.4	93.0	279.2	
158	99.4	50.0	149.8	

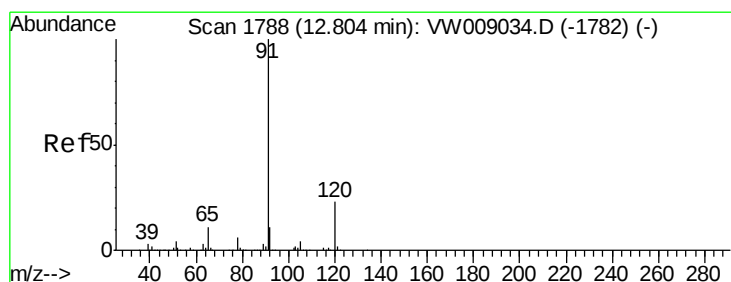
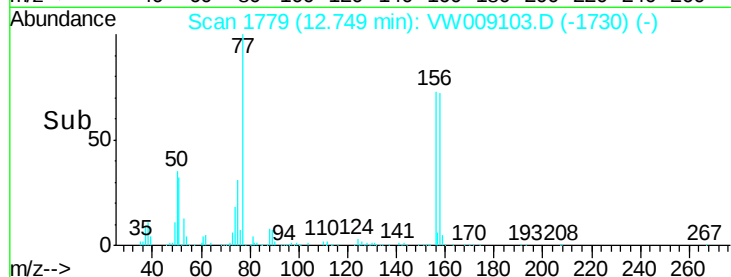
Manual Integrations
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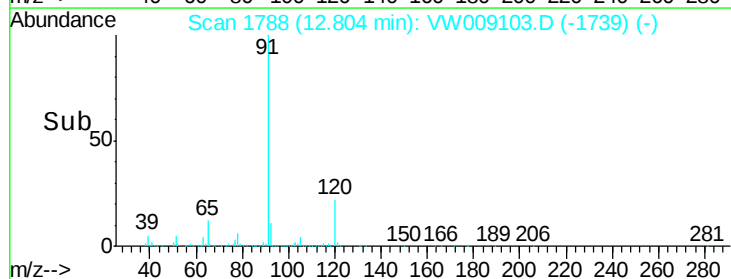
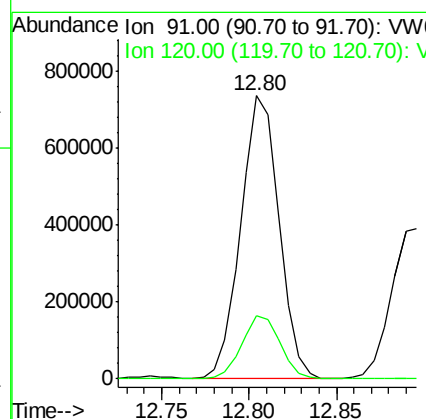
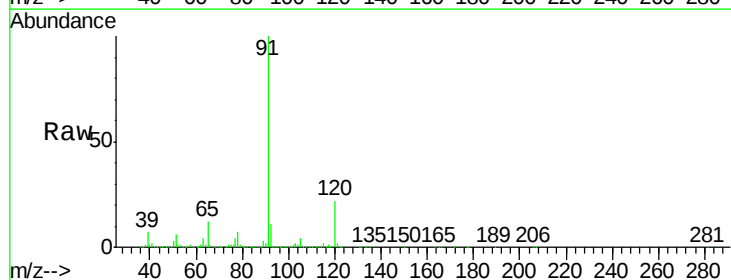
MMDadoda

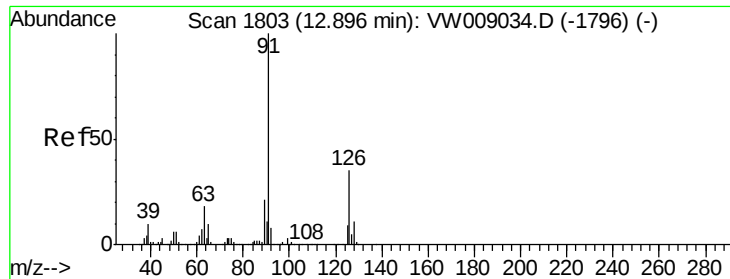
3/12/2019 1:16:08 PM



#78
n-propylbenzene
Concen: 50.102 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1123007		
120	22.4	11.4	34.2	





#79

2-Chlorotoluene

Concen: 50.604 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 637278

Ion Ratio Lower Upper

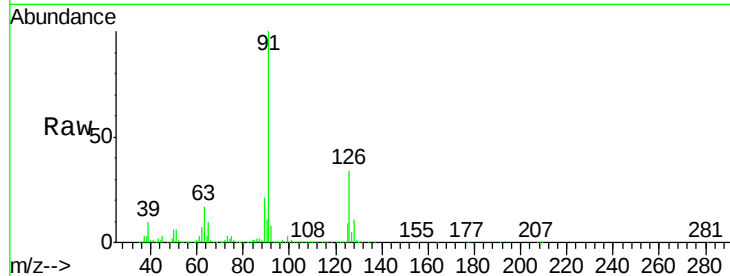
91 100

126 33.3 16.8 50.4

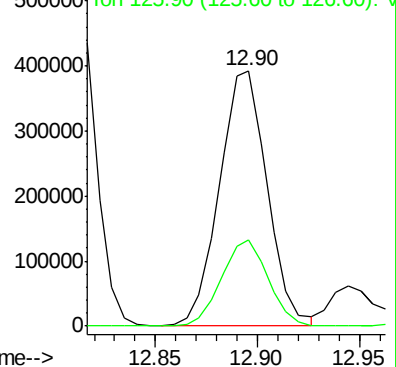
Manual Integrations
APPROVED

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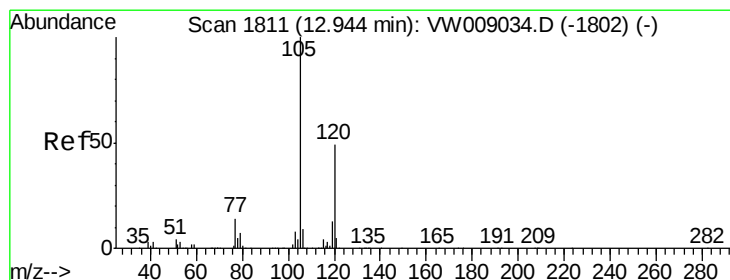
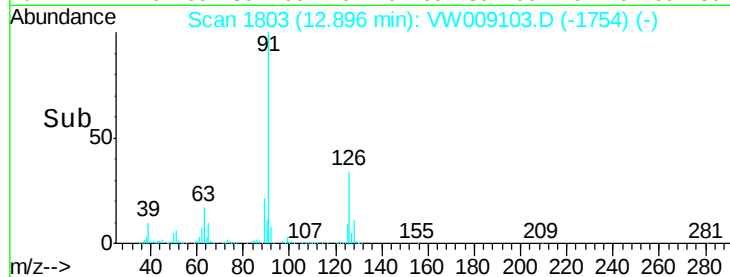


Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V



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#80

1,3,5-Trimethylbenzene

Concen: 50.976 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009103.D

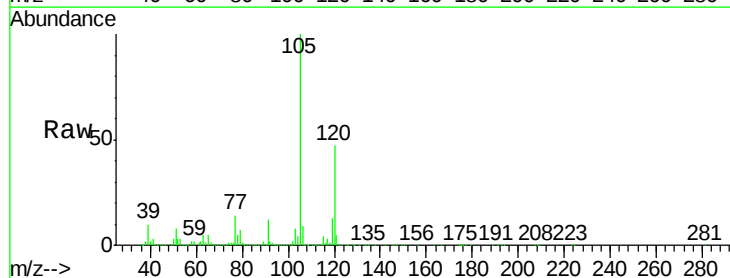
Acq: 11 Mar 2019 23:55

Tgt Ion: 105 Resp: 799588

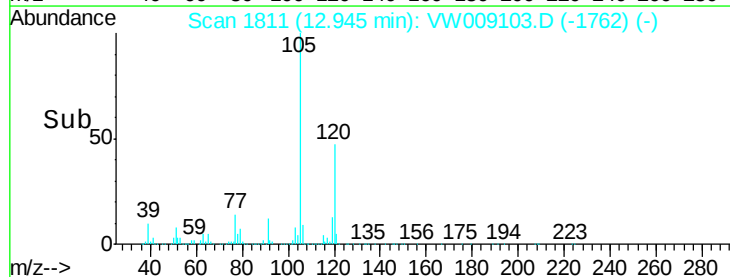
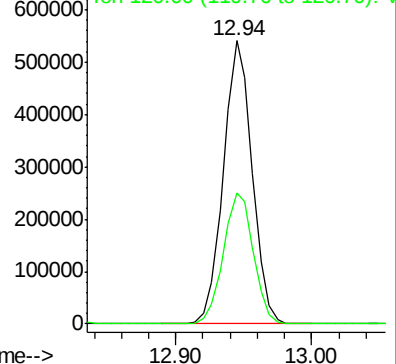
Ion Ratio Lower Upper

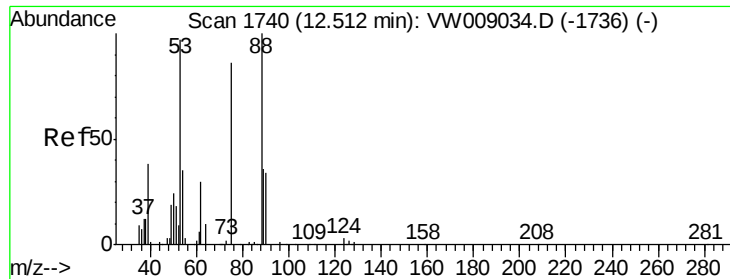
105 100

120 48.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.796 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

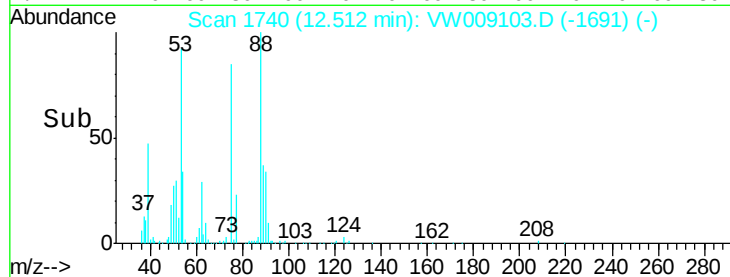
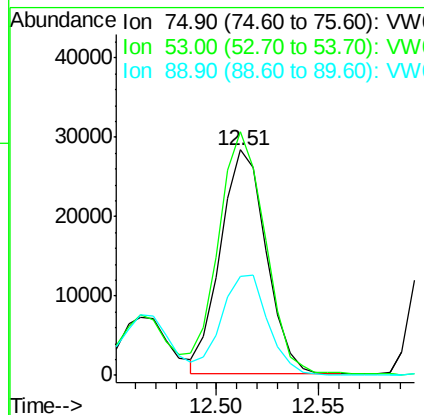
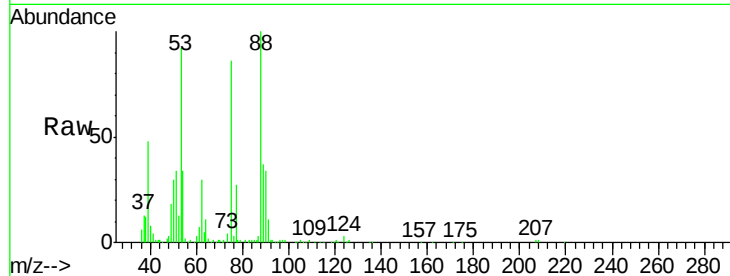
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	43799
Ion	Ratio	Lower	Upper
75	100		
53	114.3	90.5	135.7
89	46.1	37.5	56.3

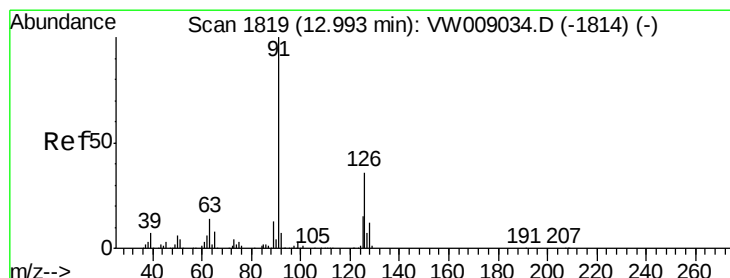
Manual Integrations
APPROVED

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#82

4-Chlorotoluene

Concen: 51.028 ug/l

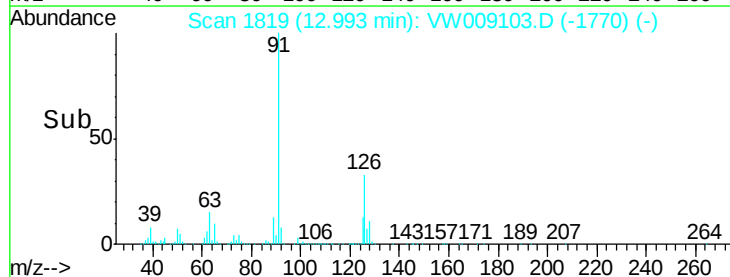
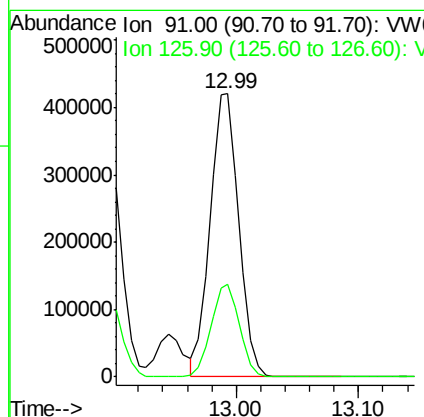
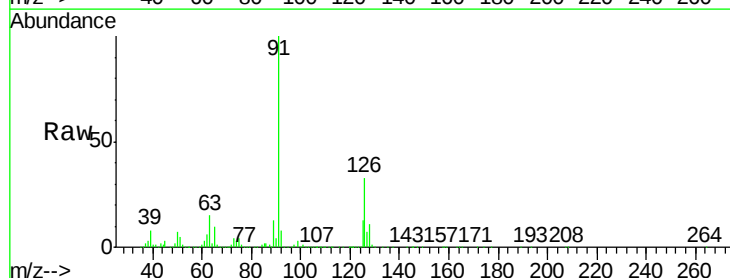
RT: 12.99 min Scan# 1819

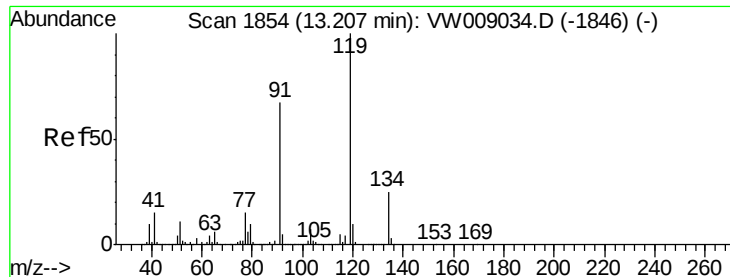
Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Tgt Ion:	91	Resp:	685004
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.6	49.8





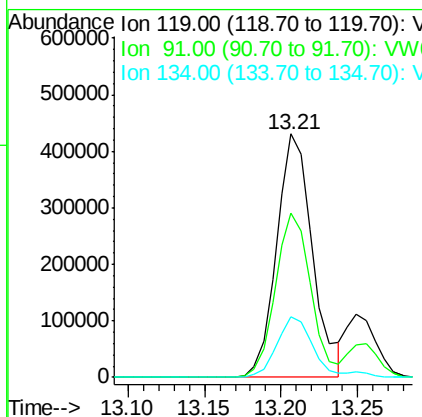
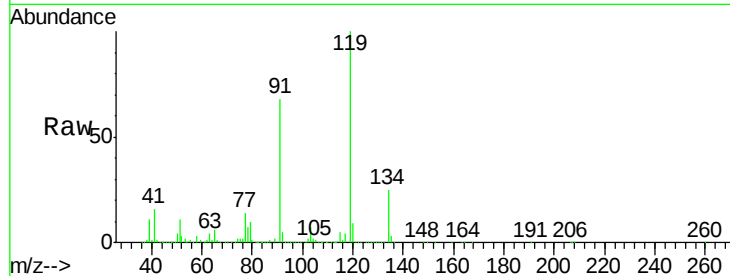
#83
tert-Butylbenzene
Concen: 52.954 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.7	34.2	102.5
134	26.0	13.9	41.6

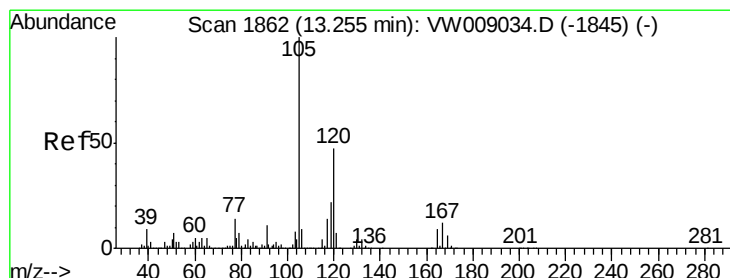
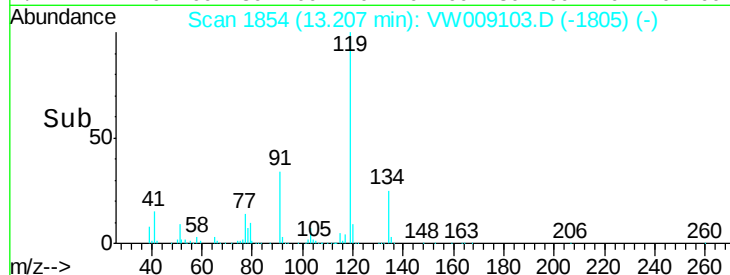
Manual Integrations
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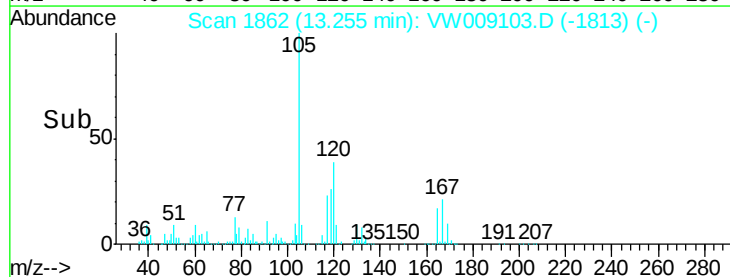
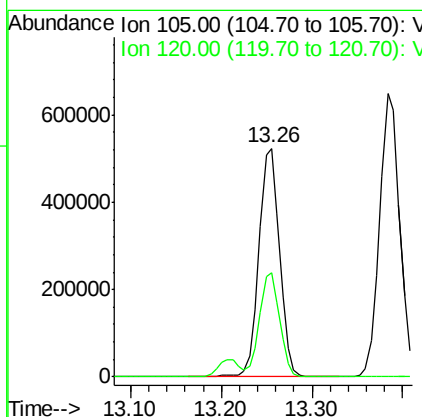
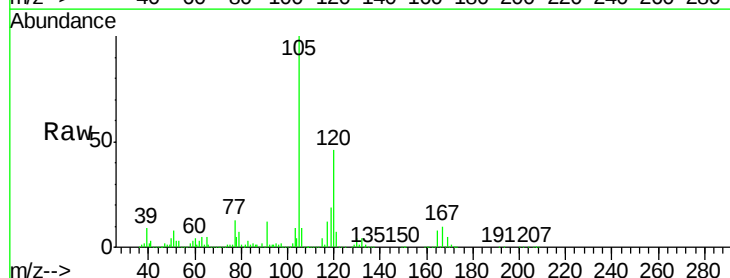
MMDadoda

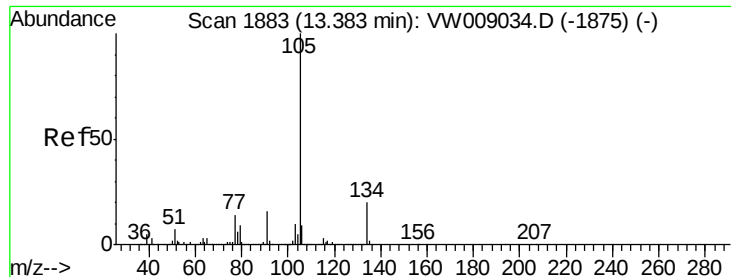
3/12/2019 1:16:08 PM



#84
1,2,4-Trimethylbenzene
Concen: 51.848 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.8	68.4





#85

sec-Butylbenzene

Concen: 50.664 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 993039

Ion Ratio Lower Upper

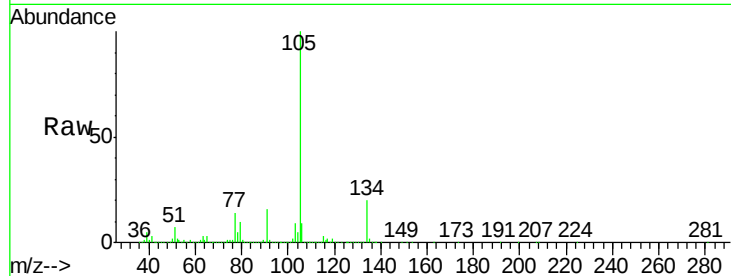
105 100

134 19.7 10.0 30.0

Manual Integrations
APPROVED

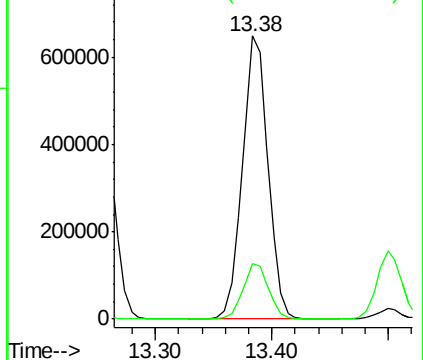
MMDadoda

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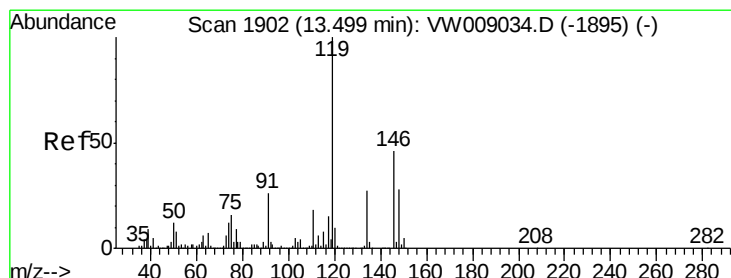
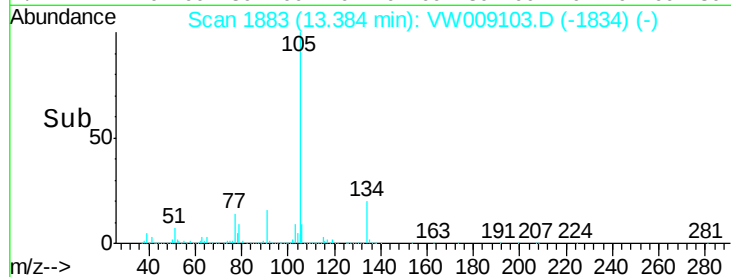
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



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#86

p-Isopropyltoluene

Concen: 50.806 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

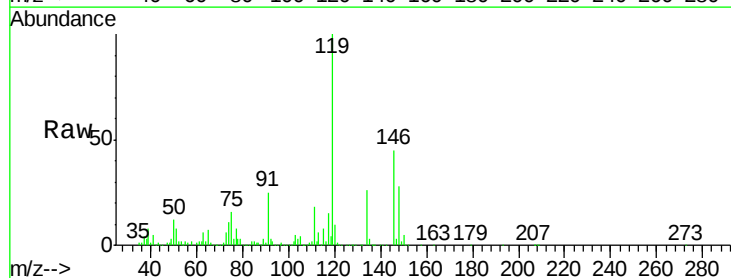
Tgt Ion:119 Resp: 890832

Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.9

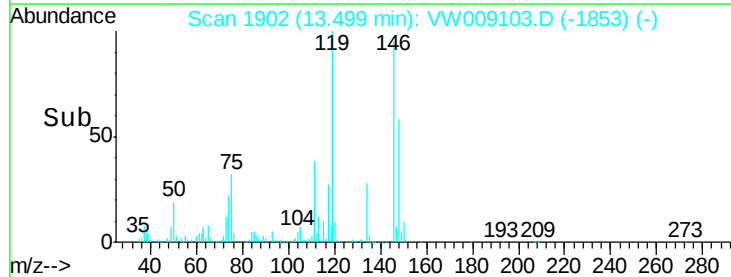
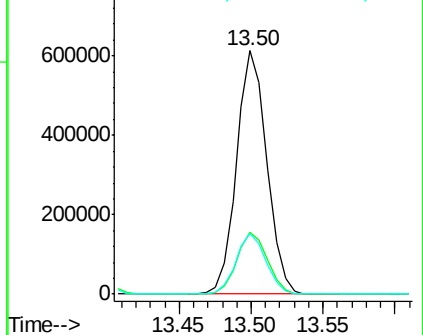
91 24.5 12.3 36.9

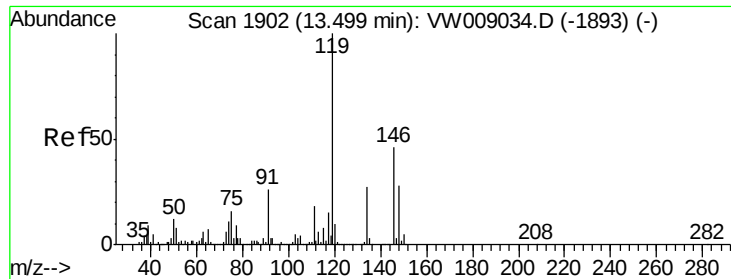


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.839 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

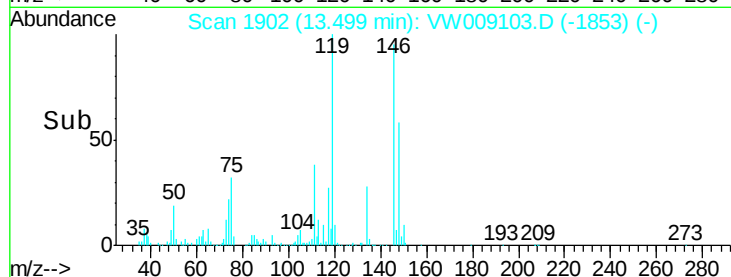
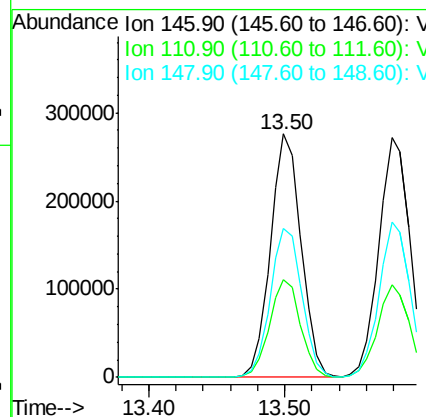
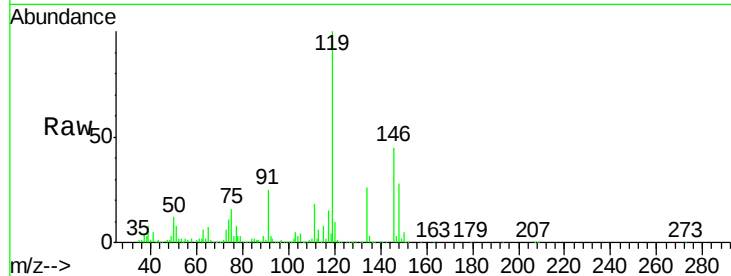
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.8	59.4
148	63.2	31.6	94.8

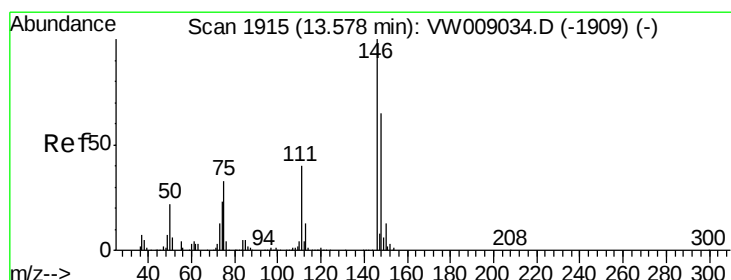
Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.847 ug/l

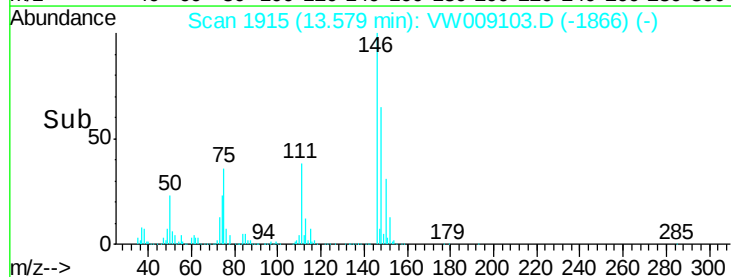
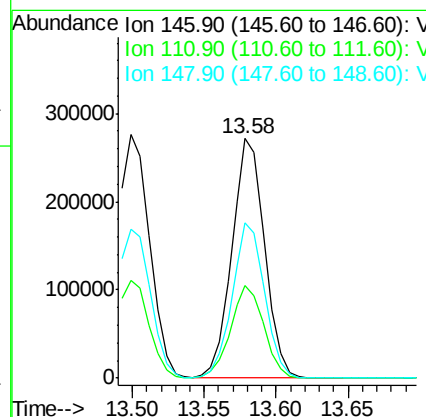
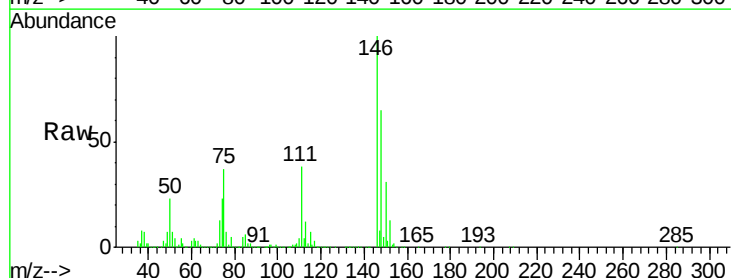
RT: 13.58 min Scan# 1915

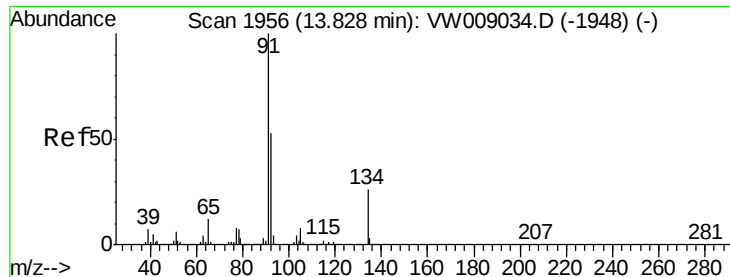
Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.0
148	64.3	32.2	96.6





#89

n-Butylbenzene

Concen: 50.521 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Instrument :

MSVOA_W

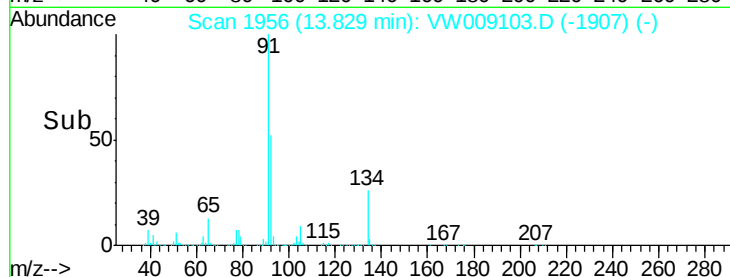
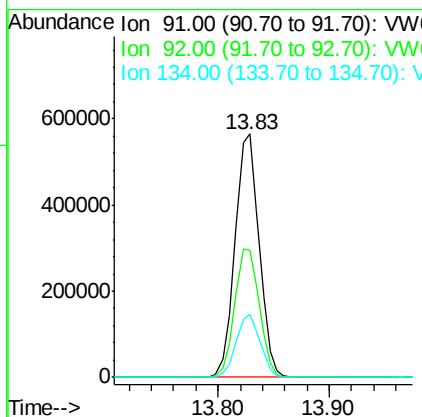
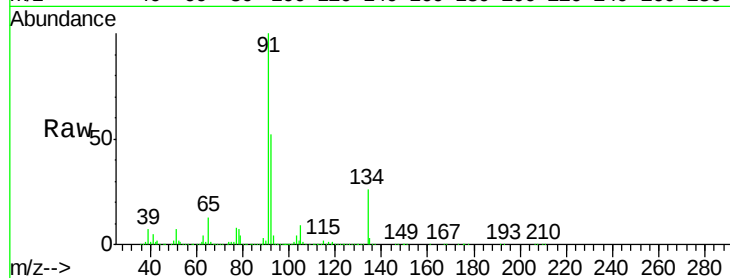
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	842130
Ion Ratio	Lower	Upper	
91	100		
92	54.1	26.8	80.3
134	25.8	12.9	38.7

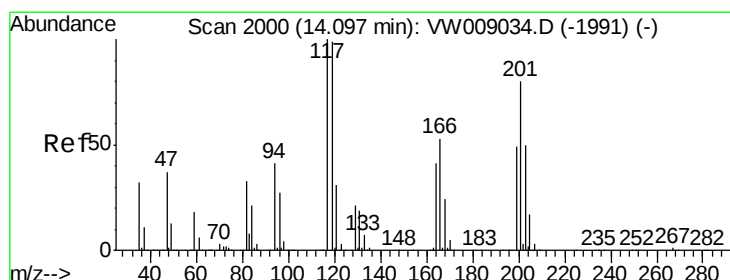
Manual Integrations
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3/12/2019 1:16:08 PM



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3/12/2019 1:16:08 PM



#90

Hexachloroethane

Concen: 50.473 ug/l

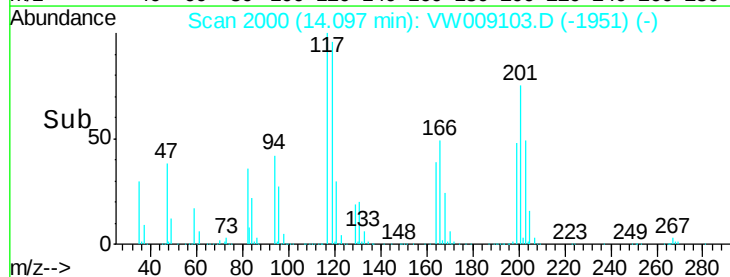
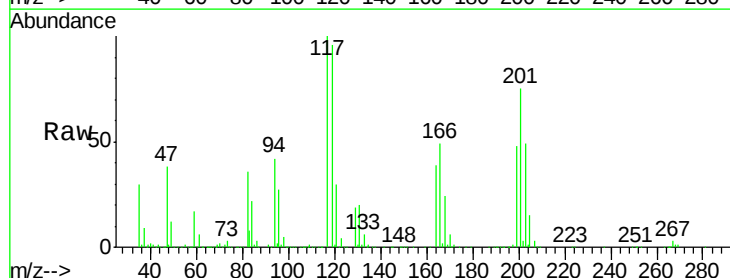
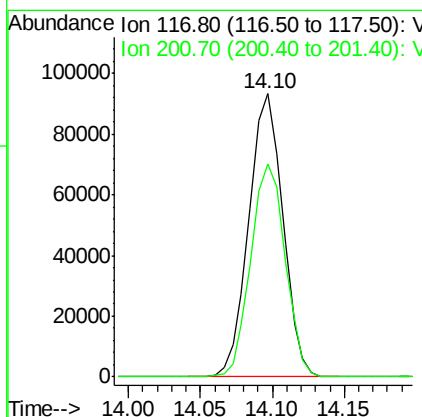
RT: 14.10 min Scan# 2000

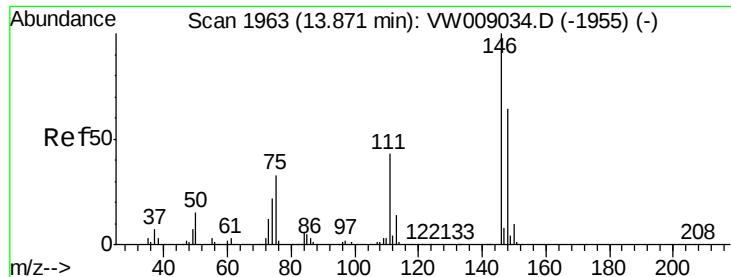
Delta R.T. 0.00 min

Lab File: VW009103.D

Acq: 11 Mar 2019 23:55

Tgt Ion:	117	Resp:	152635
Ion Ratio	Lower	Upper	
117	100		
201	75.9	39.1	117.5





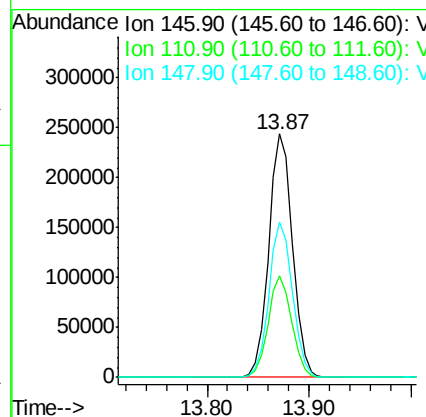
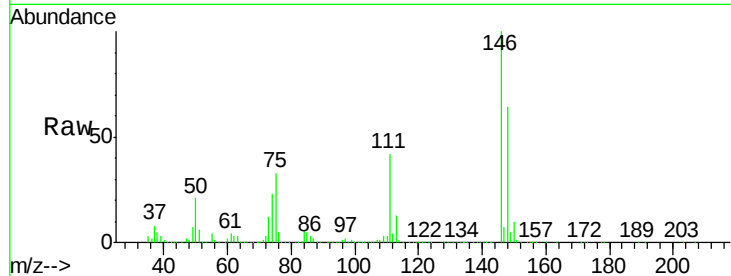
#91
 1,2-Dichlorobenzene
 Concen: 50.934 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.1	63.1
148	63.3	32.3	96.9

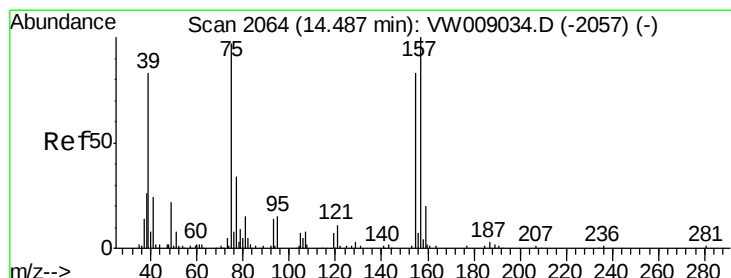
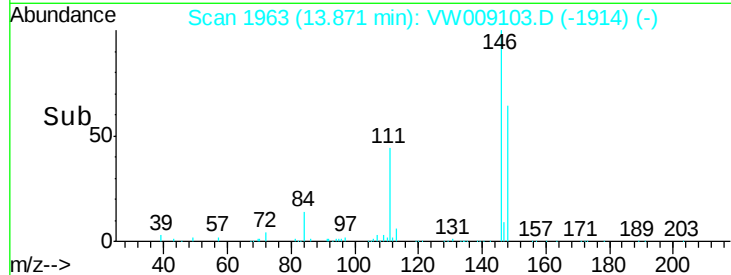
Manual Integrations
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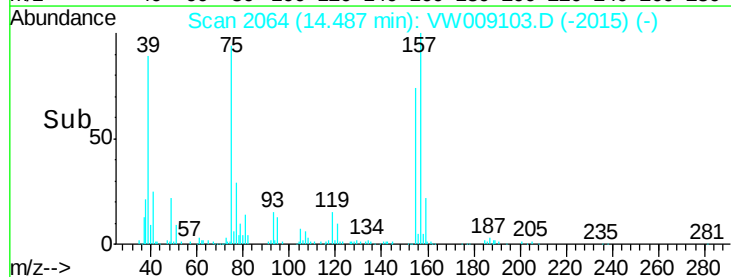
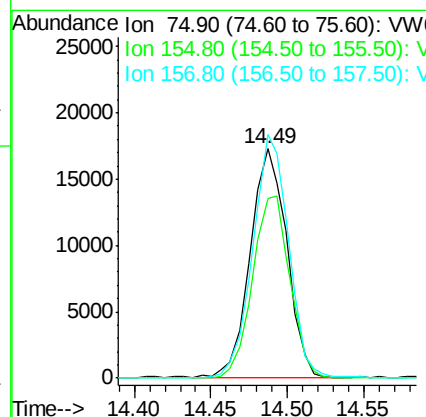
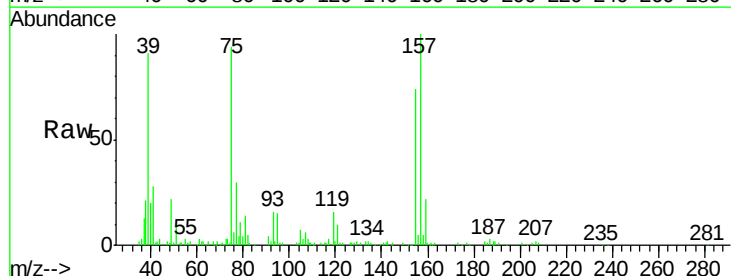
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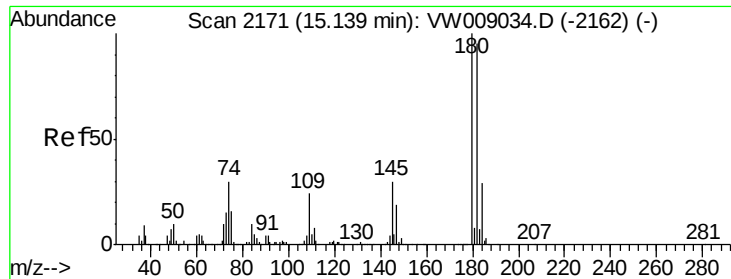
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.263 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.8	40.8	122.4
157	104.2	52.4	157.3





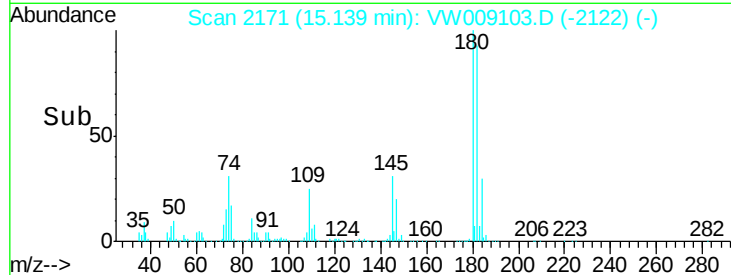
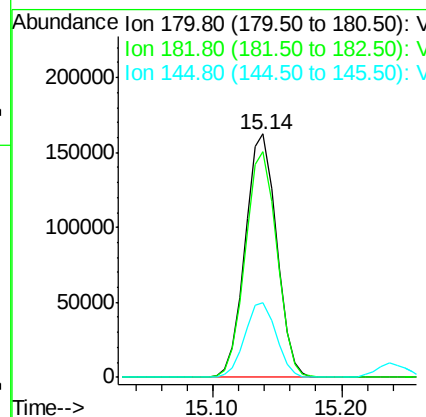
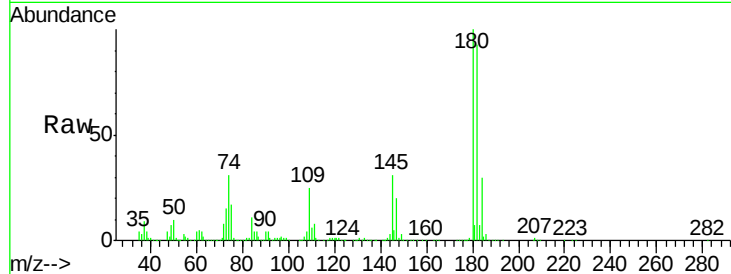
#93
 1,2,4-Trichlorobenzene
 Concen: 52.238 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	271979		
182	93.4	48.1	144.3	
145	31.0	15.4	46.1	

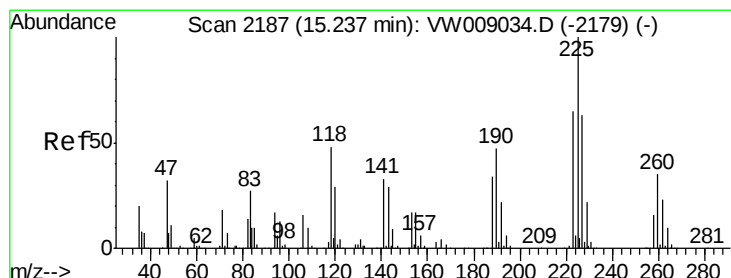
Manual Integrations
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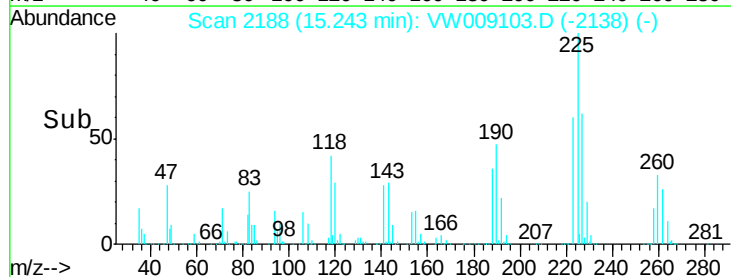
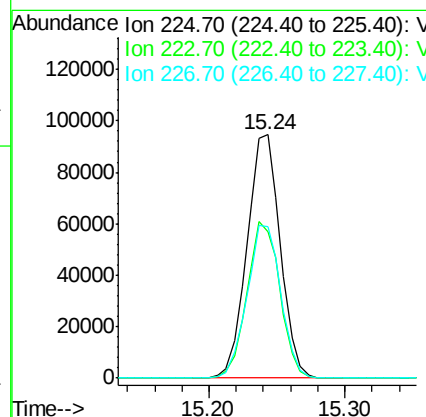
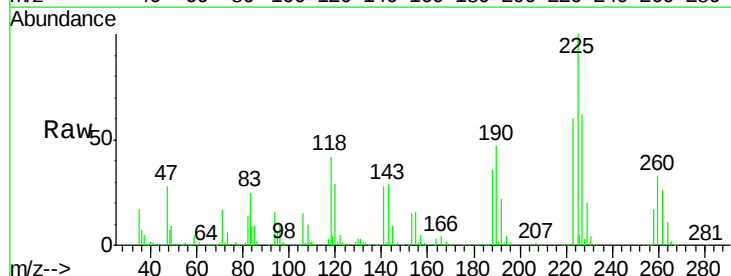
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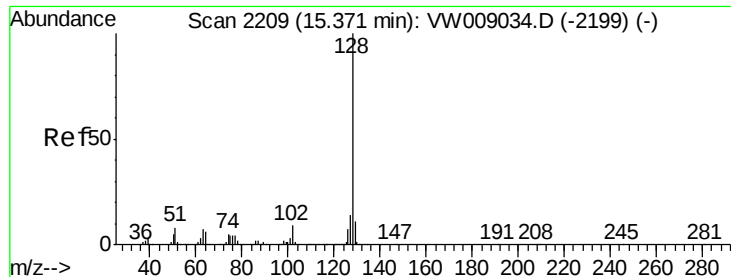
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#94
 Hexachlorobutadiene
 Concen: 49.557 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009103.D
 Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	161615		
223	63.5	31.6	94.8	
227	64.0	32.0	96.2	





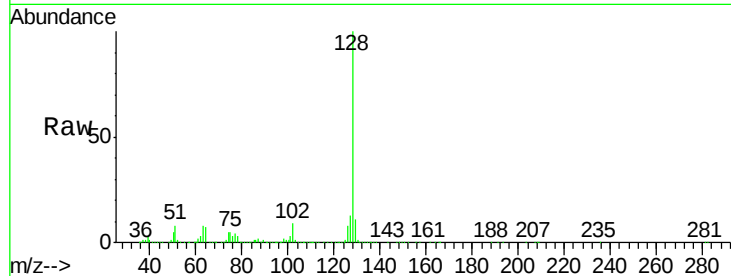
#95
Naphthalene
Concen: 56.931 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

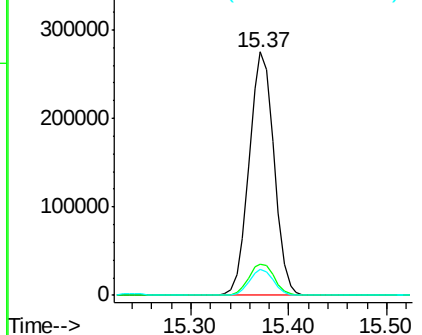
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.6
129	10.6	8.8	13.2

Manual Integrations
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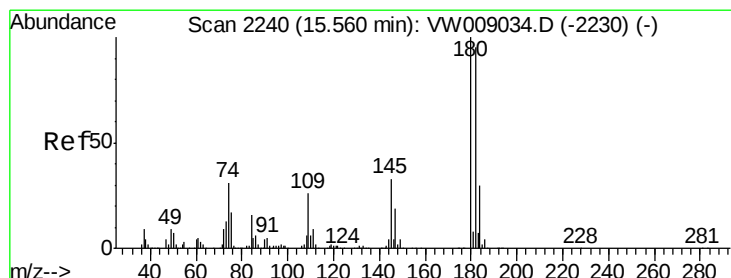
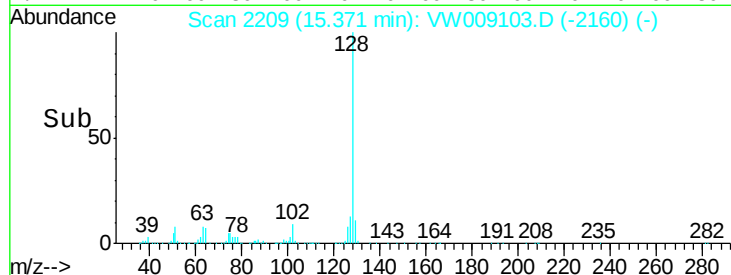


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



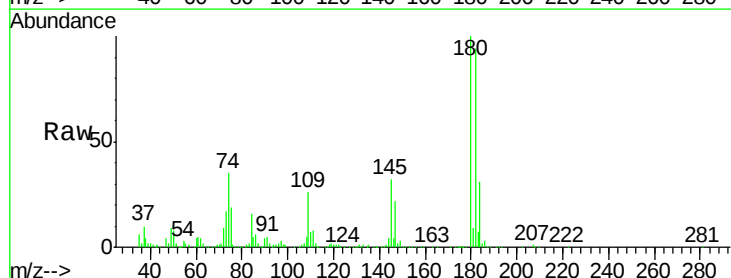
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#96
1,2,3-Trichlorobenzene
Concen: 51.836 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009103.D
Acq: 11 Mar 2019 23:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.3
145	32.4	15.8	47.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

