

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010846.D
 Acq On : 19 Jun 2019 11:43
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 12:00:07 PM

Quant Time: Jun 20 05:58:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	284673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	455930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	400407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188267	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	154579	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	
35) Dibromofluoromethane	7.88	113	122812	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	10.32	98	518395	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
62) 4-Bromofluorobenzene	12.62	95	187322	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	116208	44.174	ug/l	99
3) Chloromethane	2.21	50	171538	44.320	ug/l	99
4) Vinyl Chloride	2.35	62	162871	45.547	ug/l	99
5) Bromomethane	2.76	94	89561	45.608	ug/l	97
6) Chloroethane	2.91	64	100141	46.654	ug/l	100
7) Trichlorofluoromethane	3.25	101	237302	51.122	ug/l	99
8) Diethyl Ether	3.68	74	77914	46.968	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	146190	51.225	ug/l	98
10) Methyl Iodide	4.27	142	130416	44.902	ug/l	98
11) Tert butyl alcohol	5.17	59	69109	252.819	ug/l	95
12) 1,1-Dichloroethene	4.03	96	137221	49.844	ug/l	94
13) Acrolein	3.90	56	22310	199.729	ug/l	99
14) Allyl chloride	4.67	41	324425	53.446	ug/l	98
15) Acrylonitrile	5.37	53	184345	228.744	ug/l	100
16) Acetone	4.12	43	227688	253.251	ug/l	99
17) Carbon Disulfide	4.38	76	416577	47.668	ug/l	99
18) Methyl Acetate	4.67	43	91115	47.080	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	376026	47.358	ug/l	99
20) Methylene Chloride	4.92	84	147225	46.679	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	156664	50.129	ug/l	92
22) Diisopropyl ether	6.31	45	629992	51.840	ug/l	99
23) Vinyl Acetate	6.25	43	1830463	249.585	ug/l	99
24) 1,1-Dichloroethane	6.21	63	318733	52.336	ug/l	99
25) 2-Butanone	7.17	43	305899	245.372	ug/l	98
26) 2,2-Dichloropropane	7.17	77	288109	58.136	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	175500	51.028	ug/l	96
28) Bromochloromethane	7.51	49	126457	46.528	ug/l	95
29) Tetrahydrofuran	7.53	42	174567	222.620	ug/l	98
30) Chloroform	7.68	83	290685	52.183	ug/l	100
31) Cyclohexane	7.95	56	331635	48.986	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	260714	53.578	ug/l	100
36) 1,1-Dichloropropene	8.08	75	246974	52.920	ug/l	100
37) Ethyl Acetate	7.25	43	119982	46.394	ug/l	98
38) Carbon Tetrachloride	8.07	117	221732	55.037	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	311286	52.469	ug/l	99
40) Benzene	8.32	78	664010	52.154	ug/l	99
41) Methacrylonitrile	7.48	41	73067	47.532	ug/l	98
42) 1,2-Dichloroethane	8.40	62	205573	50.874	ug/l	99
43) Isopropyl Acetate	8.42	43	241880	48.412	ug/l	99
44) Trichloroethene	9.09	130	163884	52.182	ug/l	99
45) 1,2-Dichloropropane	9.37	63	176761	52.447	ug/l	98
46) Dibromomethane	9.46	93	77145	49.281	ug/l	98
47) Bromodichloromethane	9.64	83	216051	53.244	ug/l	97
48) Methyl methacrylate	9.44	41	115601	47.988	ug/l	99
49) 1,4-Dioxane	9.45	88	21063	860.618	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	606099	237.456	ug/l	99
52) Toluene	10.39	92	407277	51.991	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	223805	52.072	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	267632	52.918	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	110009	48.782	ug/l	99
56) Ethyl methacrylate	10.65	69	166791	48.066	ug/l	96
57) 1,3-Dichloropropane	10.93	76	209944	49.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	414949	228.305	ug/l	100
59) 2-Hexanone	10.97	43	442465	239.854	ug/l	99
60) Dibromochloromethane	11.13	129	126989	50.798	ug/l	99
61) 1,2-Dibromoethane	11.24	107	103587	48.481	ug/l	99
64) Tetrachloroethene	10.86	164	135044	50.796	ug/l	97
65) Chlorobenzene	11.66	112	409715	52.034	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	144961	53.183	ug/l	99
67) Ethyl Benzene	11.73	91	808294	53.414	ug/l	99
68) m/p-Xylenes	11.84	106	570415	105.300	ug/l	98
69) o-Xylene	12.17	106	269050	52.368	ug/l	98
70) Styrene	12.18	104	467196	52.348	ug/l	99
71) Bromoform	12.35	173	69627	49.392	ug/l	100
73) Isopropylbenzene	12.46	105	772890	54.631	ug/l	99
74) N-amyl acetate	12.27	43	225205	49.254	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	130819	48.572	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	96738m	48.930	ug/l	
77) Bromobenzene	12.75	156	159800	51.746	ug/l	98
78) n-propylbenzene	12.80	91	932451	54.660	ug/l	100
79) 2-Chlorotoluene	12.90	91	525151	53.883	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	623417	53.836	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	43729	50.835	ug/l	99
82) 4-Chlorotoluene	12.99	91	539592	53.650	ug/l	99
83) tert-Butylbenzene	13.21	119	534789	54.416	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	620068	53.212	ug/l	100
85) sec-Butylbenzene	13.38	105	780704	54.561	ug/l	100
86) p-Isopropyltoluene	13.50	119	688634	53.817	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	313204	52.591	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	307769	52.128	ug/l	99
89) n-Butylbenzene	13.83	91	704601	55.190	ug/l	100
90) Hexachloroethane	14.10	117	130779	57.071	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	273287	51.027	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22074	47.728	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	194675	51.798	ug/l	99
94) Hexachlorobutadiene	15.24	225	125247	53.098	ug/l	99
95) Naphthalene	15.37	128	330804	48.445	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	166820	52.192	ug/l	99

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

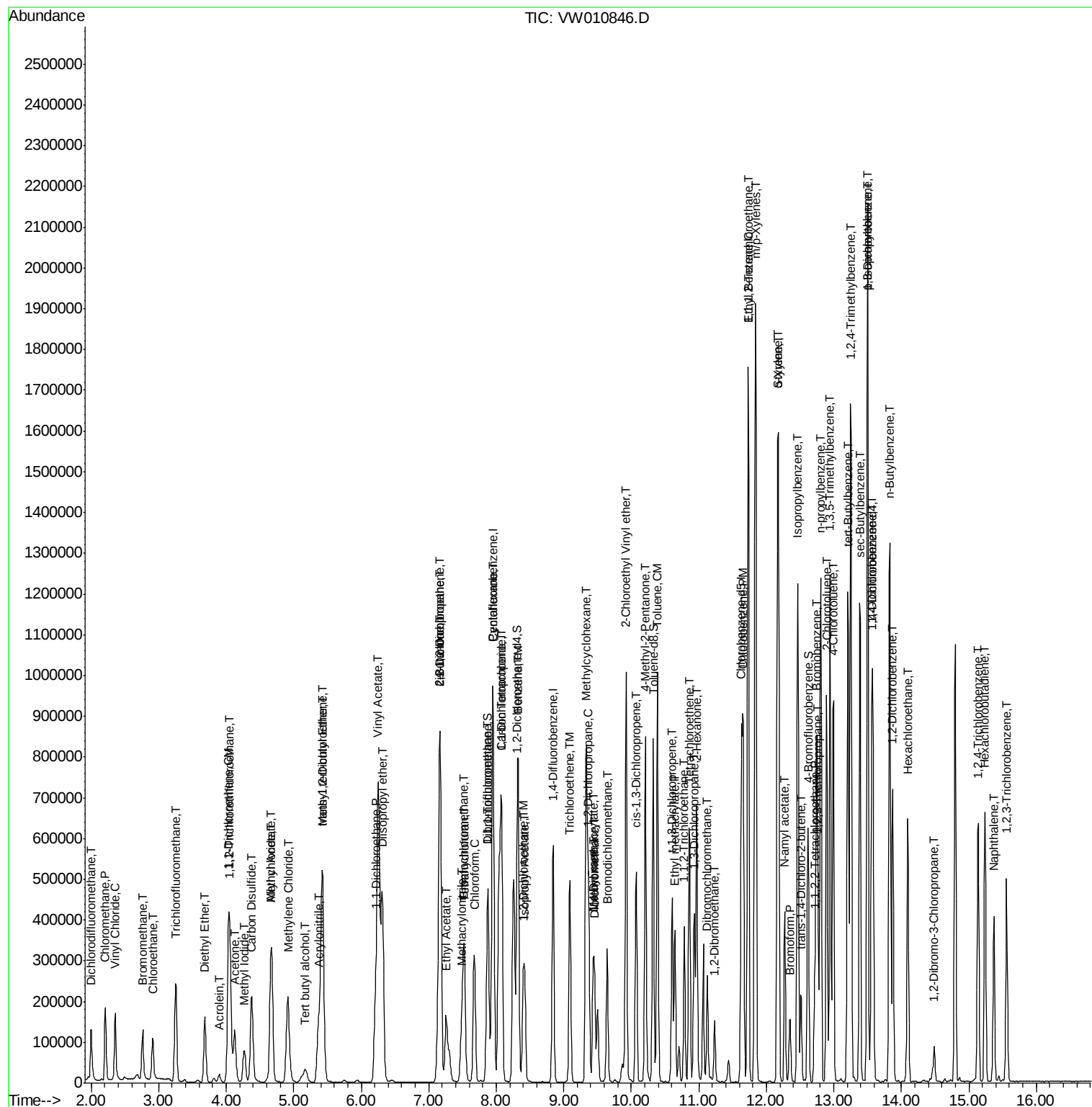
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061919\
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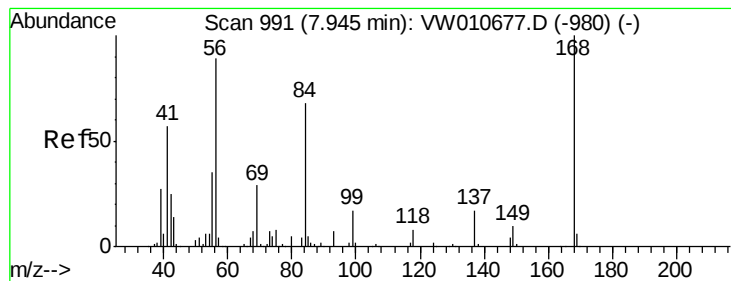
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 284673

Ion Ratio Lower Upper

168 100

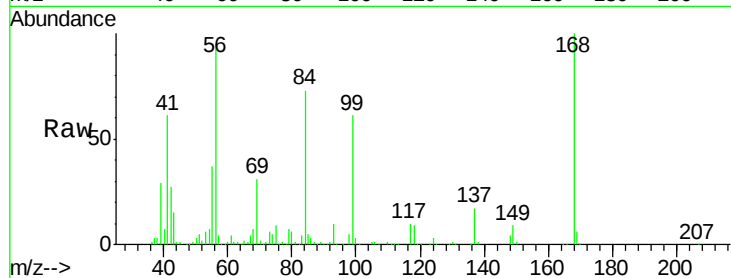
99 61.3 47.7 71.5

Manual Integrations

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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

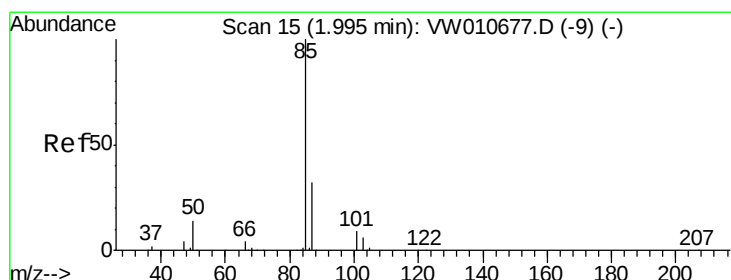
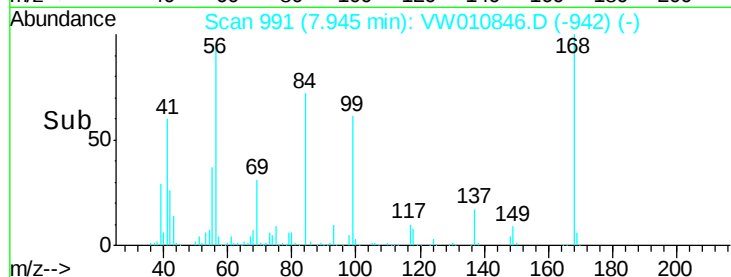
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100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 44.174 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW010846.D

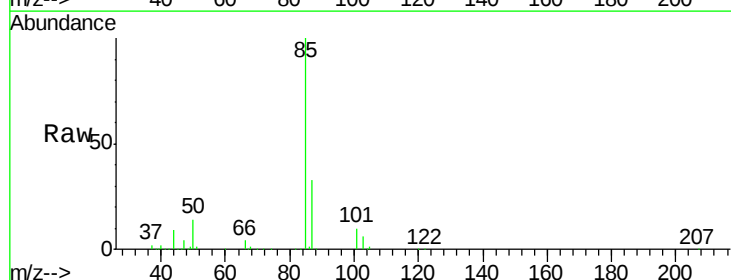
Acq: 19 Jun 2019 11:43

Tgt Ion: 85 Resp: 116208

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

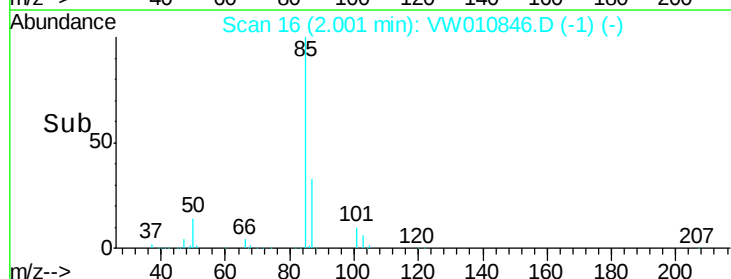
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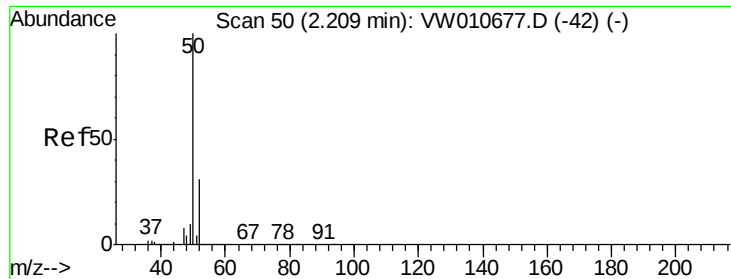
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20000

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Time-->





#3

Chloromethane

Concen: 44.320 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 171538

Ion Ratio Lower Upper

50 100

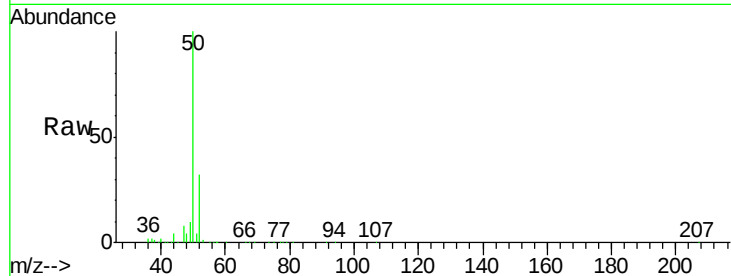
52 32.1 25.2 37.8

Manual Integrations

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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

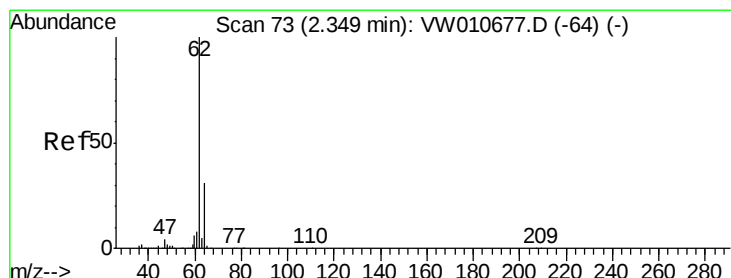
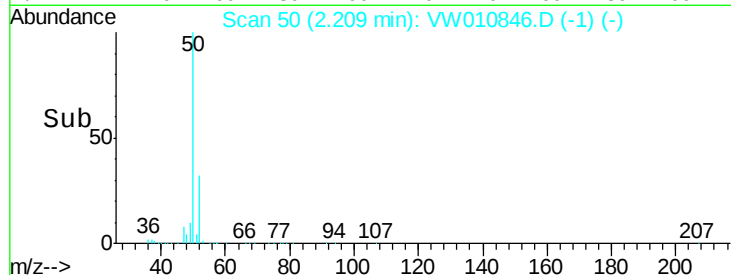
60000

40000

20000

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Time-->



#4

Vinyl Chloride

Concen: 45.547 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010846.D

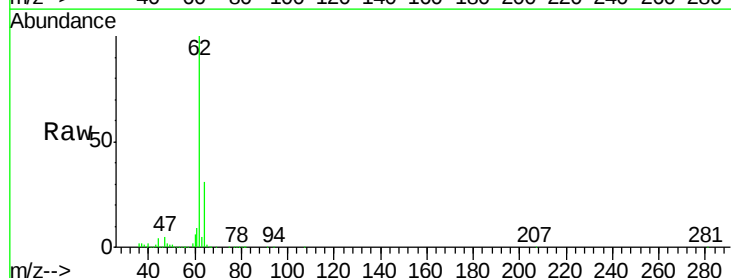
Acq: 19 Jun 2019 11:43

Tgt Ion: 62 Resp: 162871

Ion Ratio Lower Upper

62 100

64 31.4 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.35

100000

80000

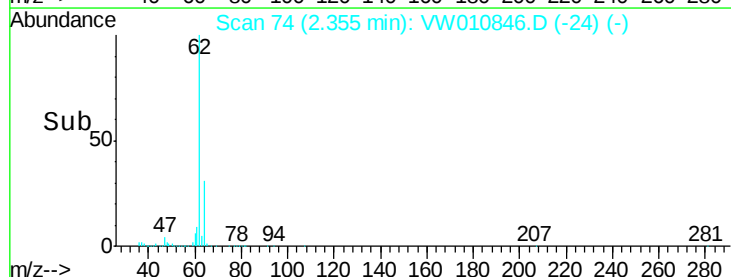
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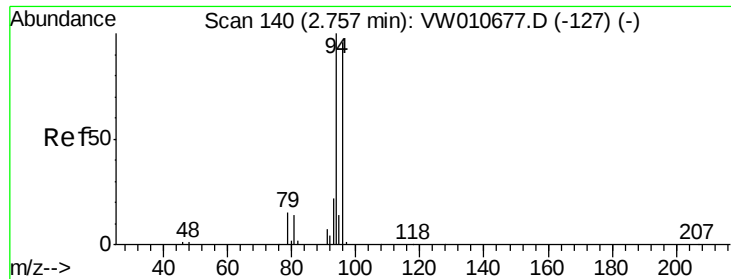
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20000

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Time-->





#5

Bromomethane

Concen: 45.608 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 89561

Ion Ratio Lower Upper

94 100

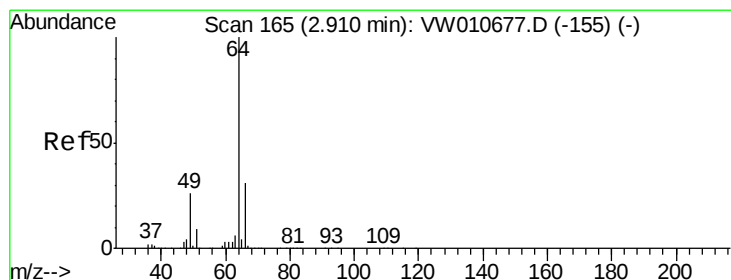
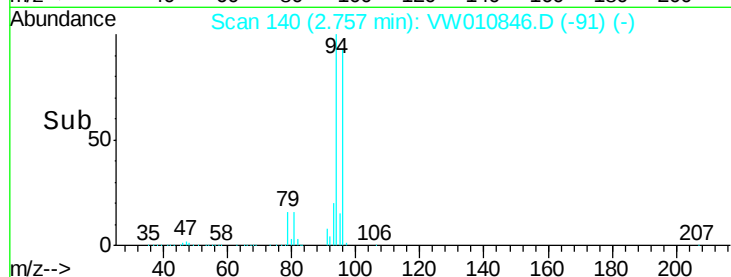
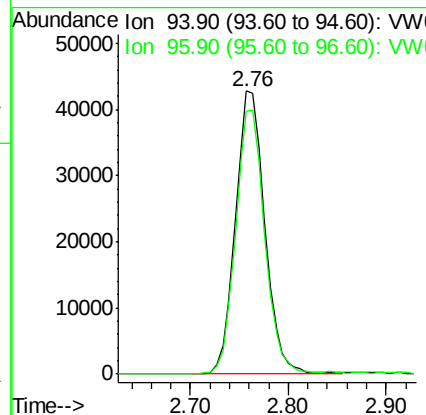
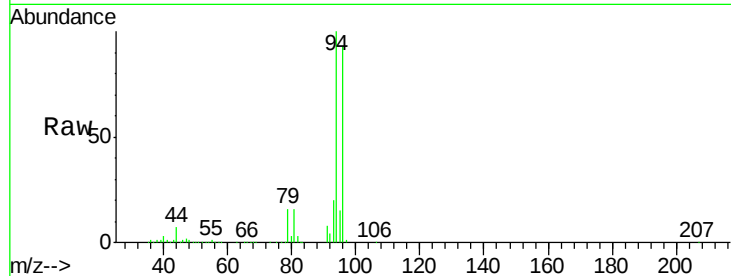
96 92.8 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 46.654 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010846.D

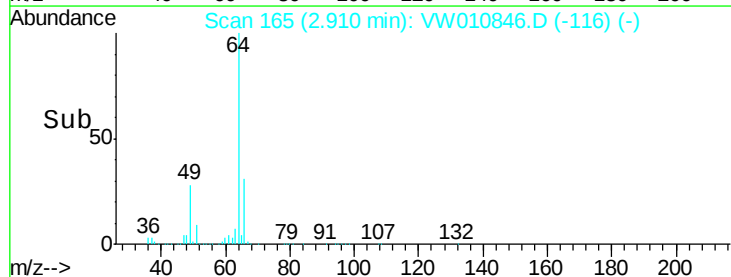
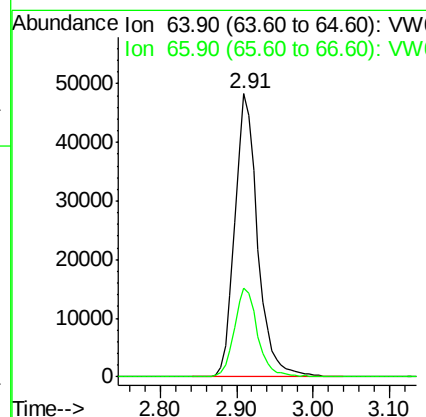
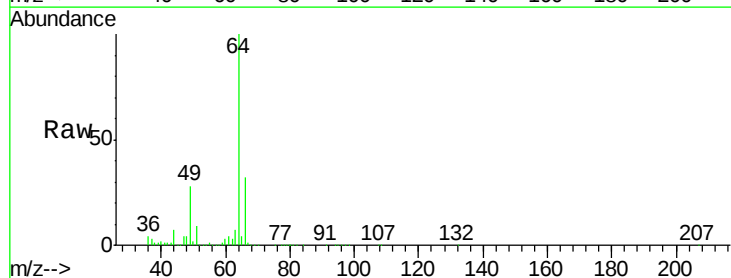
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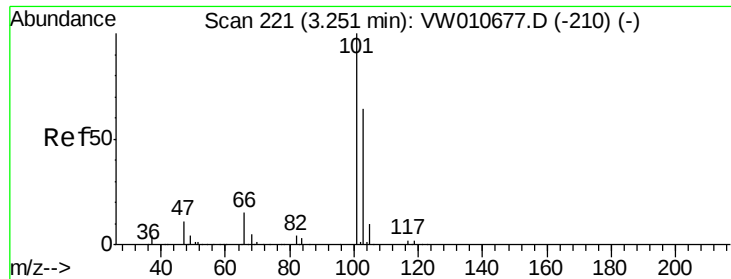
Tgt Ion: 64 Resp: 100141

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7





#7

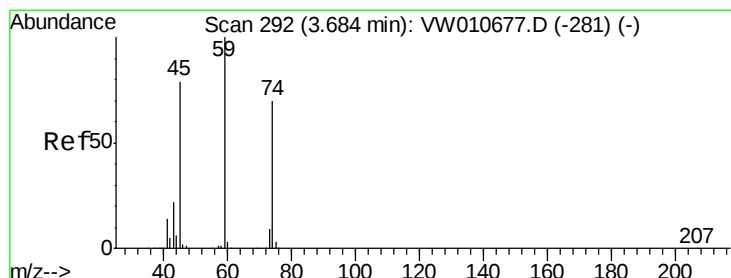
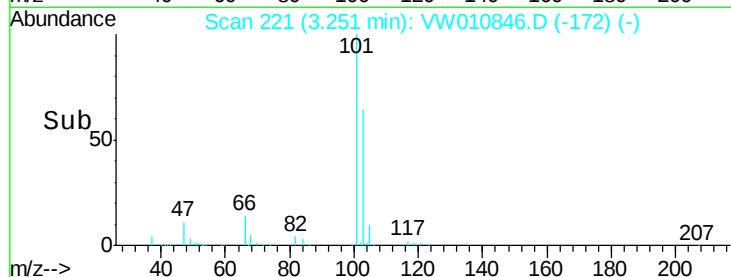
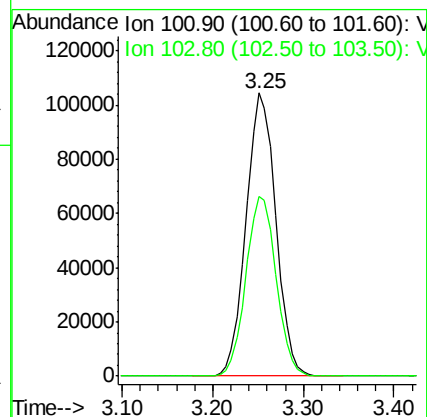
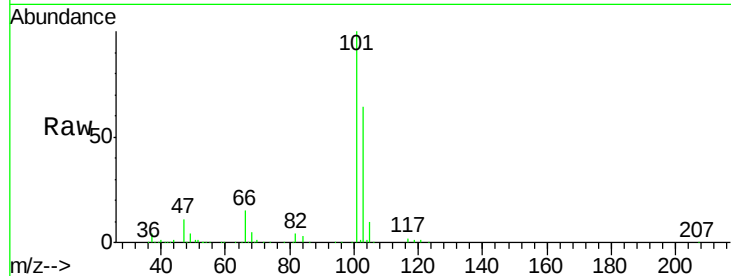
Trichlorofluoromethane
 Concen: 51.122 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010846.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.2	76.8

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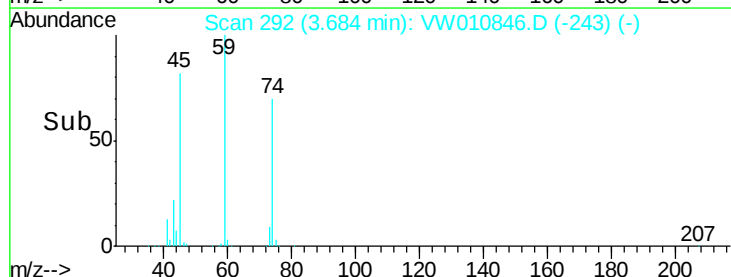
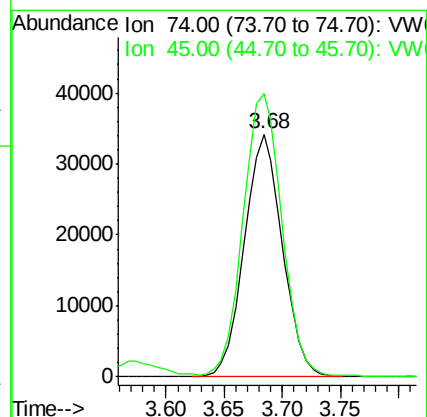
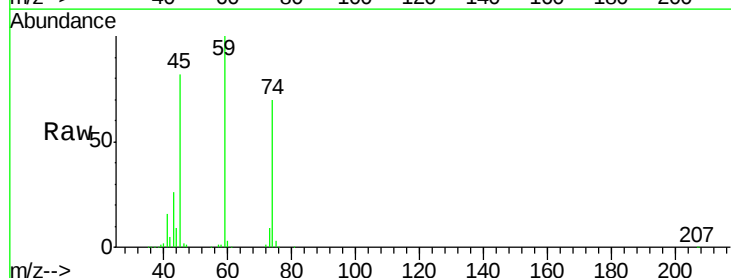
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 6/20/2019 12:00:07 PM

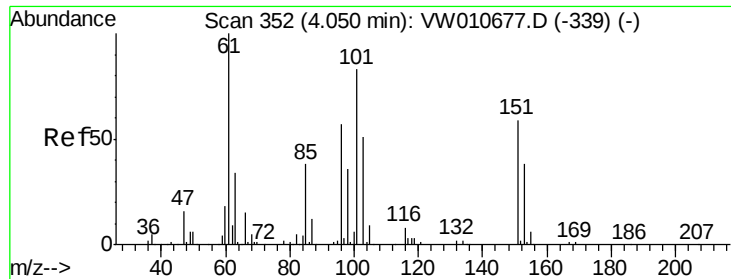


#8

Diethyl Ether
 Concen: 46.968 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	119.0	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.225 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010846.D

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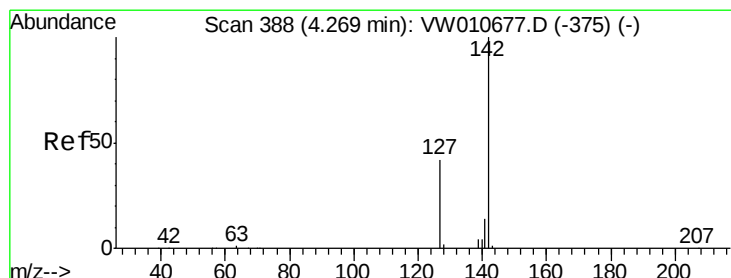
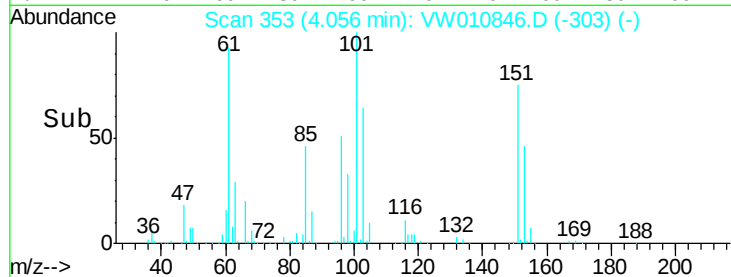
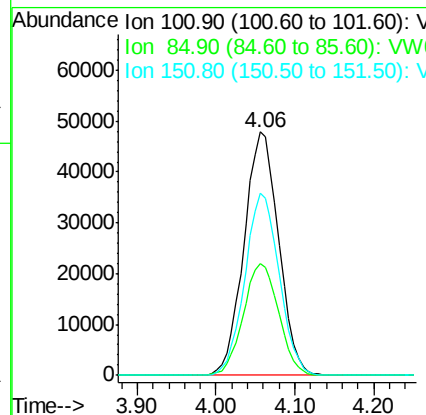
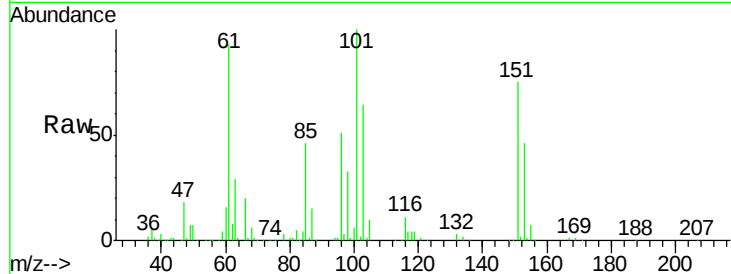
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	146190
Ion Ratio	Lower	Upper	
101	100		
85	46.9	35.8	53.8
151	74.1	58.1	87.1

Manual Integrations
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#10

Methyl Iodide

Concen: 44.902 ug/l

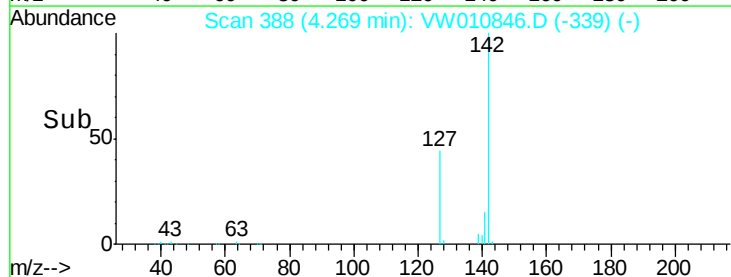
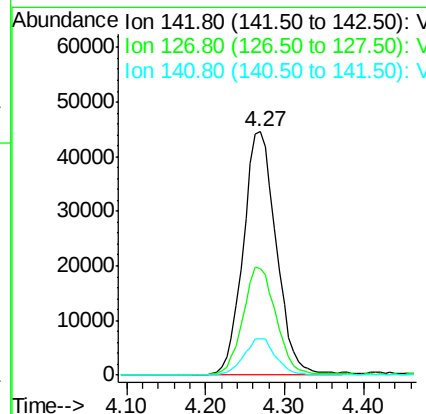
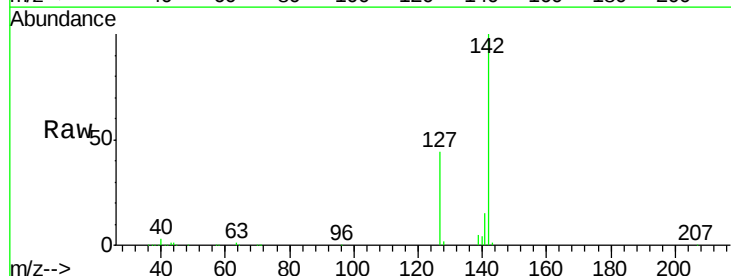
RT: 4.27 min Scan# 388

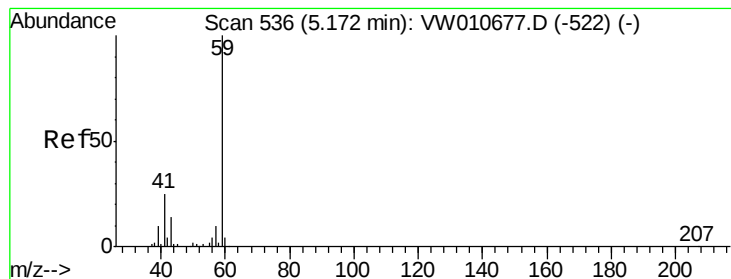
Delta R.T. 0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Tgt Ion:	142	Resp:	130416
Ion Ratio	Lower	Upper	
142	100		
127	44.5	34.6	51.8
141	14.6	11.6	17.4





#11

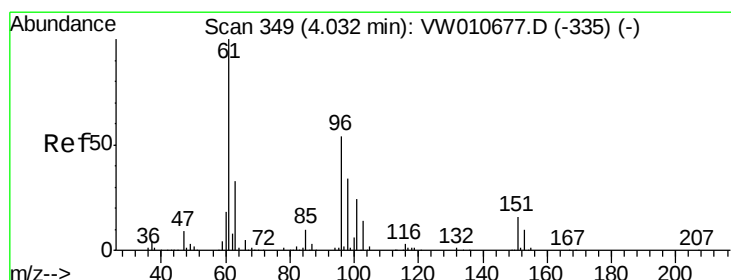
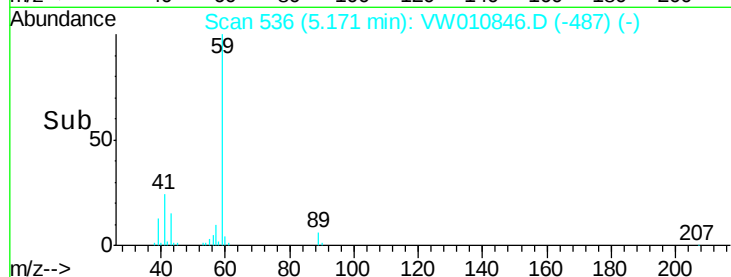
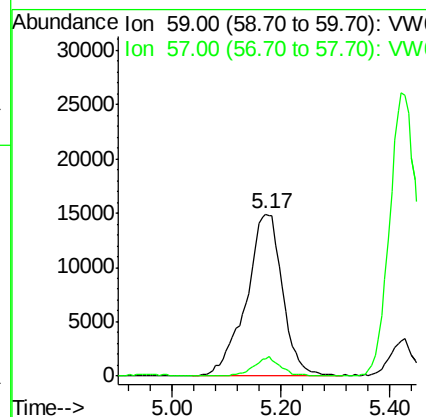
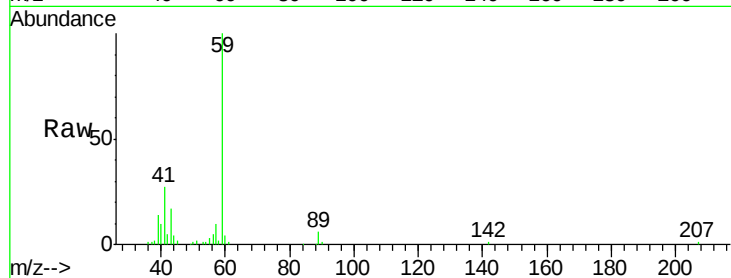
Tert butyl alcohol
Concen: 252.819 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.6	12.8

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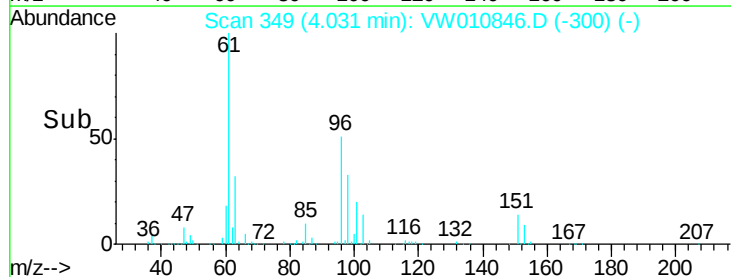
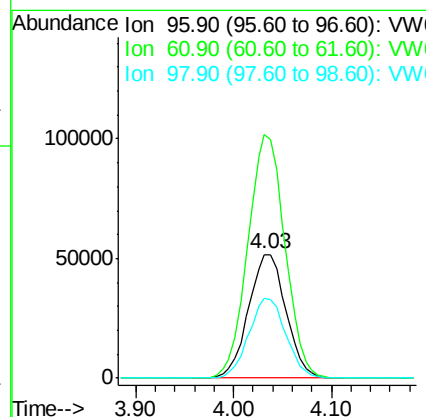
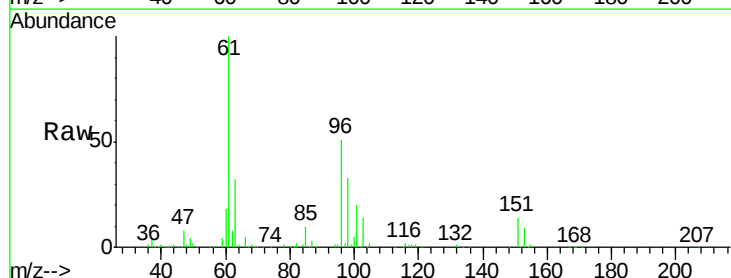
MMDadoda
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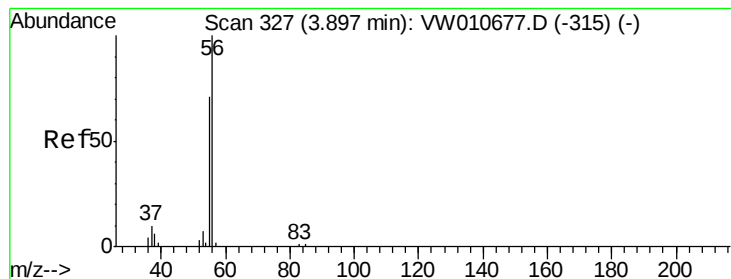


#12

1,1-Dichloroethene
Concen: 49.844 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	196.7	149.1	223.7
98	64.9	51.1	76.7





#13

Acrolein

Concen: 199.729 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 22310

Ion Ratio Lower Upper

56 100

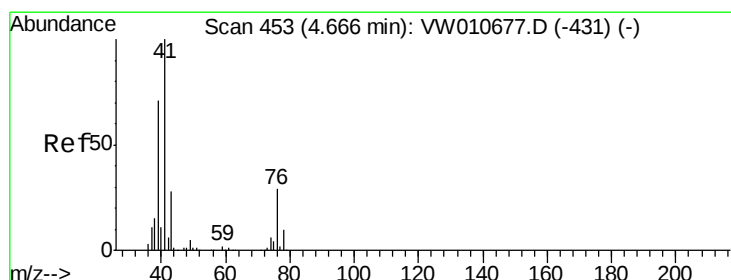
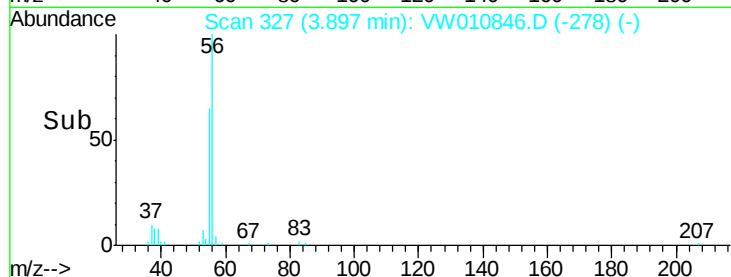
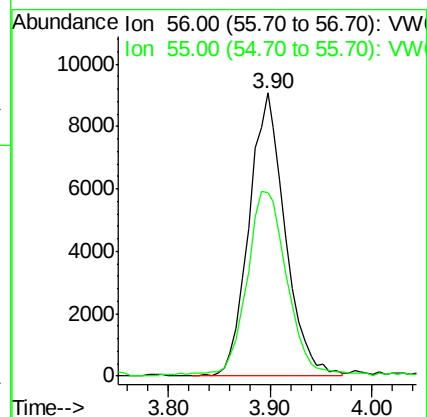
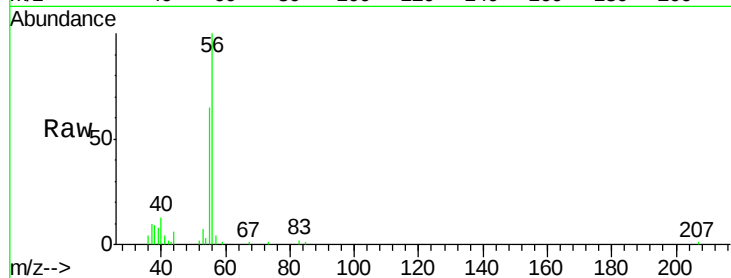
55 72.6 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 53.446 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

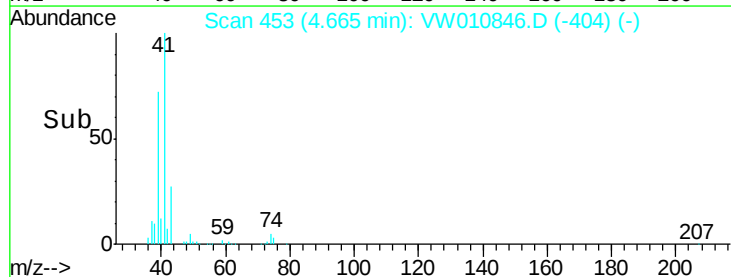
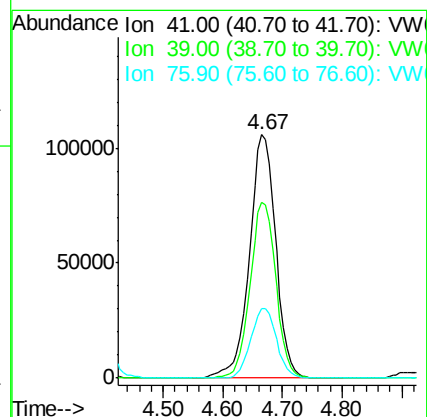
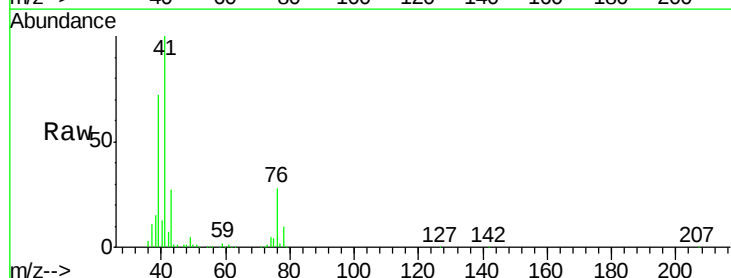
Tgt Ion: 41 Resp: 324425

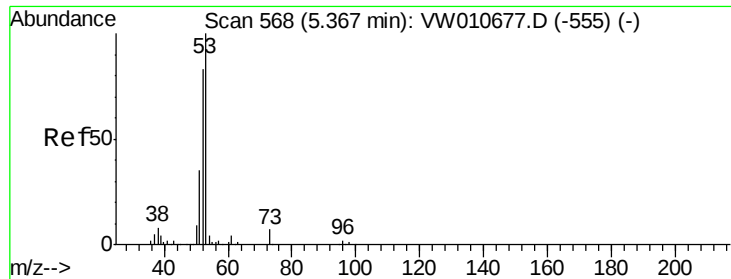
Ion Ratio Lower Upper

41 100

39 71.2 55.8 83.6

76 27.9 22.7 34.1





#15

Acrylonitrile

Concen: 228.744 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

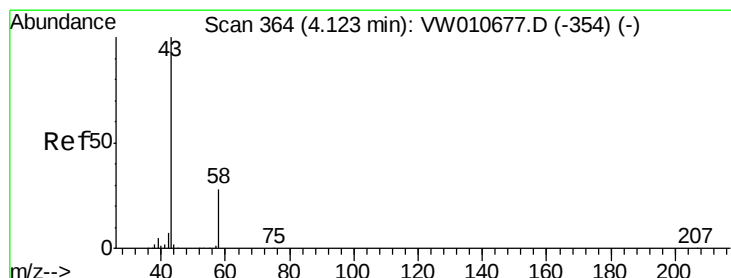
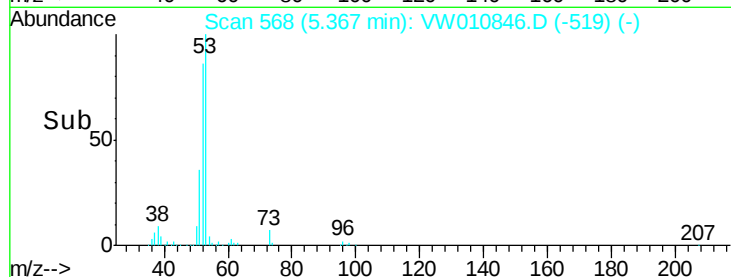
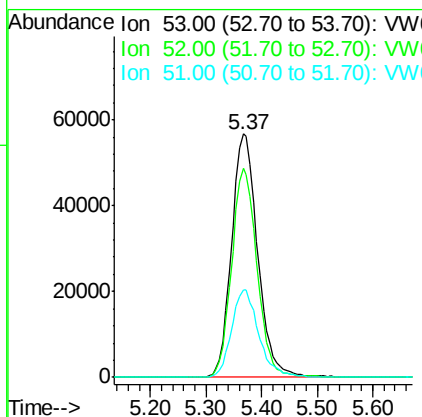
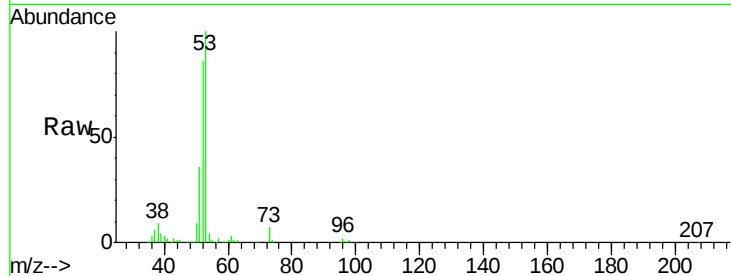
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	184345
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	100.0
51	37.5	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 253.251 ug/l

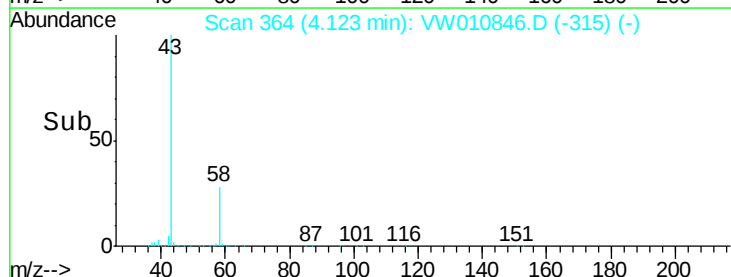
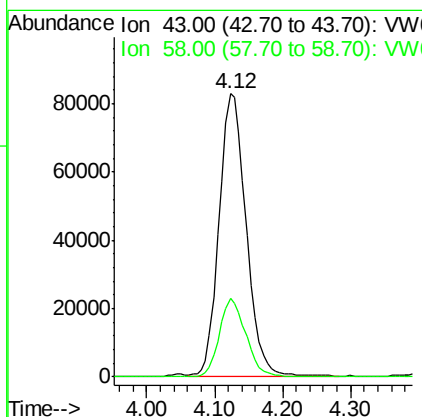
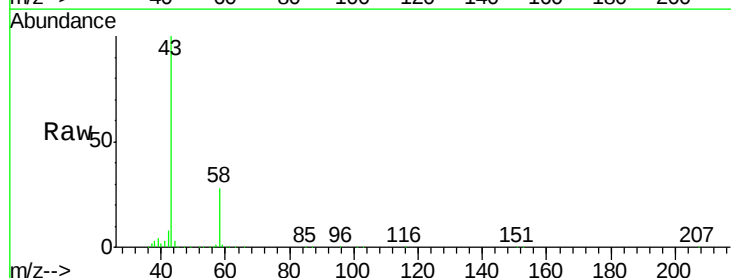
RT: 4.12 min Scan# 364

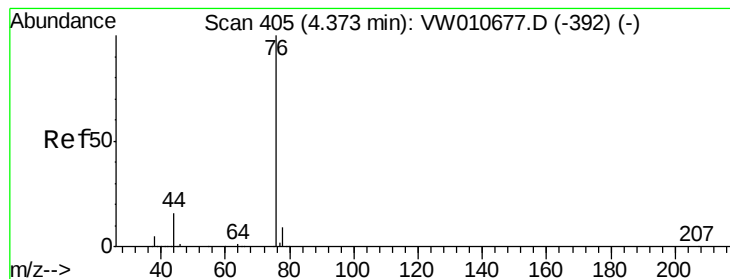
Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Tgt Ion:	43	Resp:	227688
Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.1	33.1





#17

Carbon Disulfide

Concen: 47.668 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 416577

Ion Ratio Lower Upper

76 100

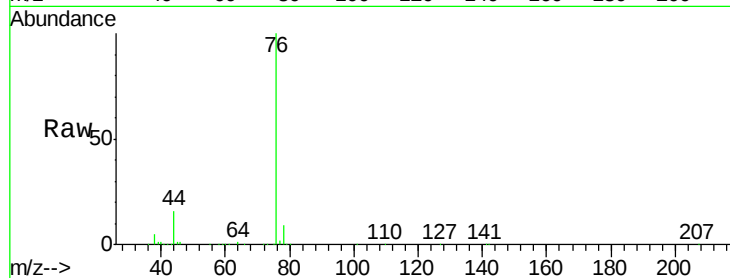
78 9.0 7.5 11.3

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

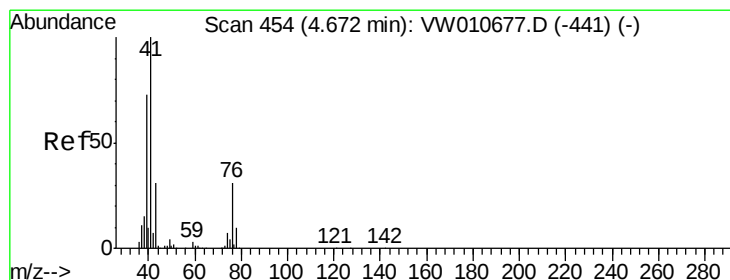
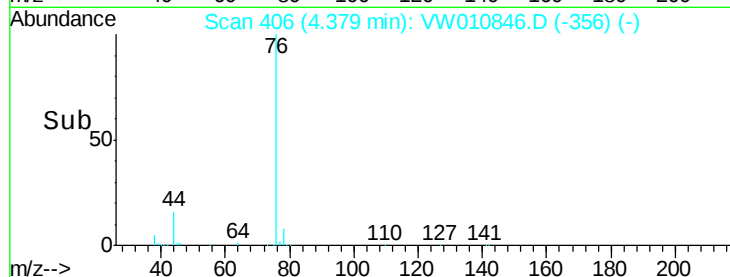
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.080 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010846.D

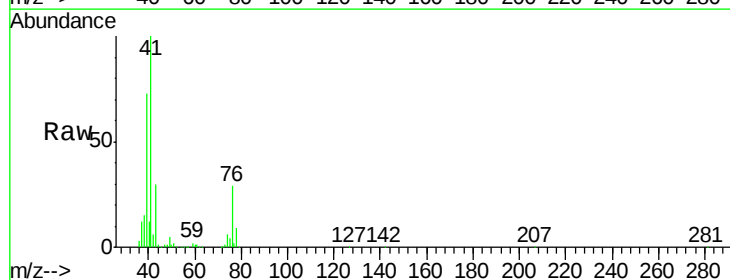
Acq: 19 Jun 2019 11:43

Tgt Ion: 43 Resp: 91115

Ion Ratio Lower Upper

43 100

74 19.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

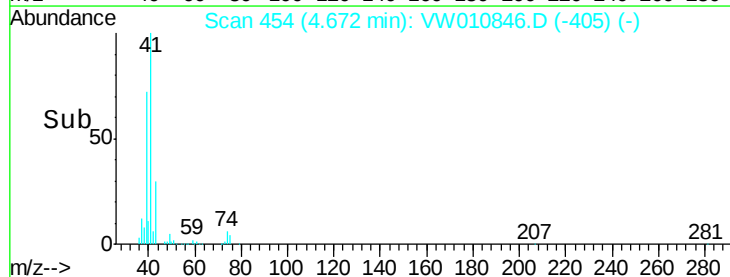
30000

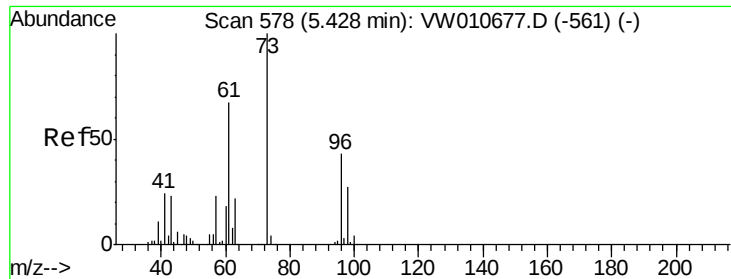
20000

10000

0

Time-->





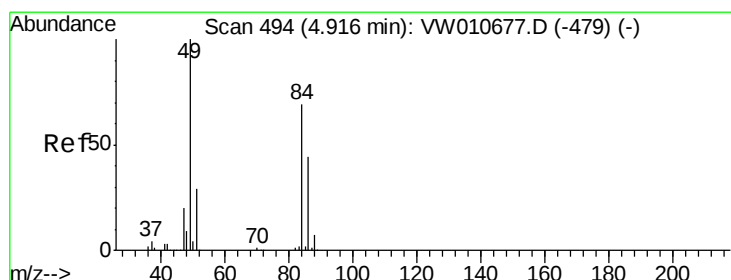
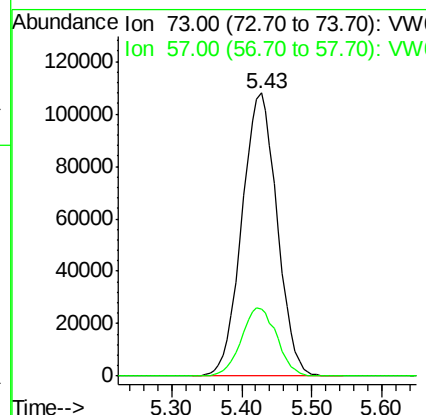
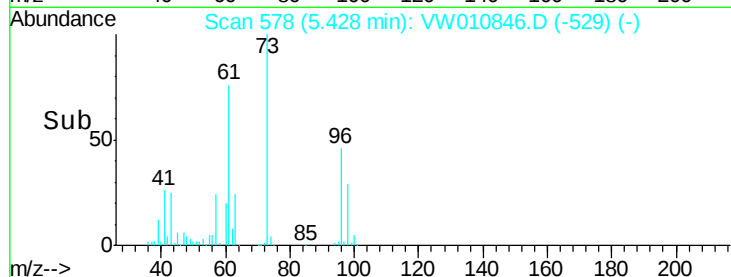
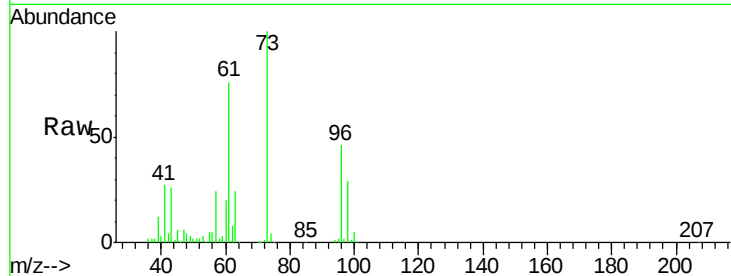
#19
Methyl tert-butyl Ether
Concen: 47.358 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 376026
Ion Ratio Lower Upper
73 100
57 23.9 18.6 27.8

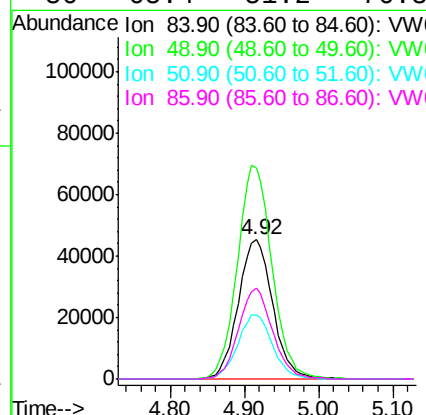
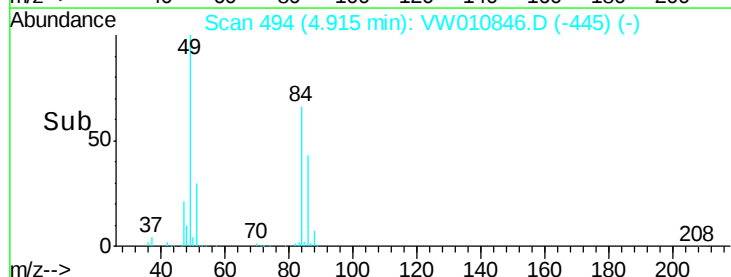
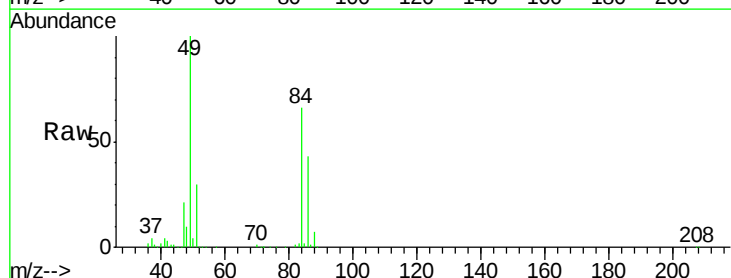
Manual Integrations
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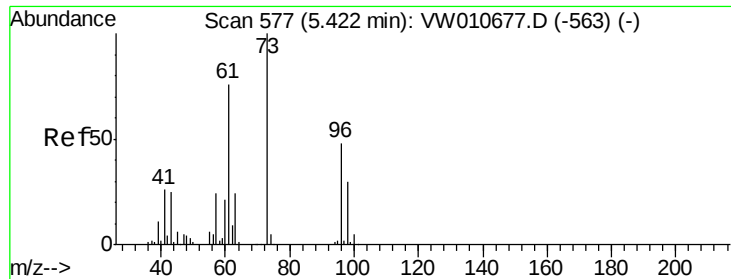
MMDadoda
6/20/2019 12:00:07 PM



#20
Methylene Chloride
Concen: 46.679 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion: 84 Resp: 147225
Ion Ratio Lower Upper
84 100
49 152.2 116.7 175.1
51 46.2 34.2 51.2
86 65.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.129 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

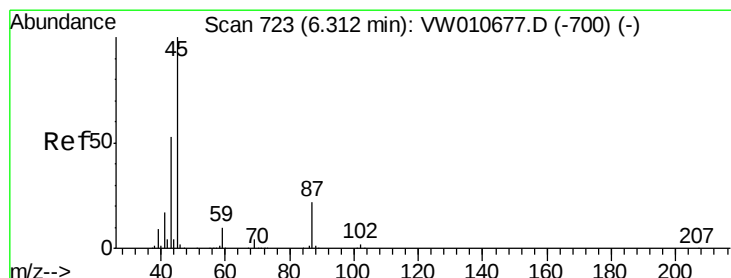
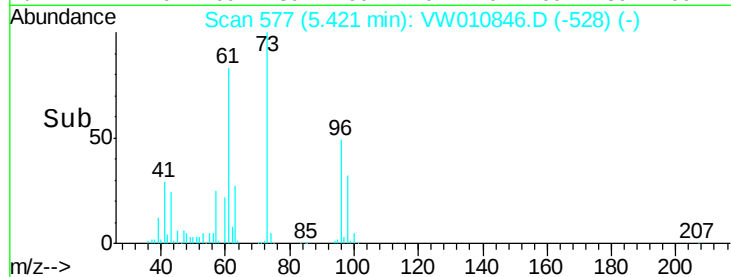
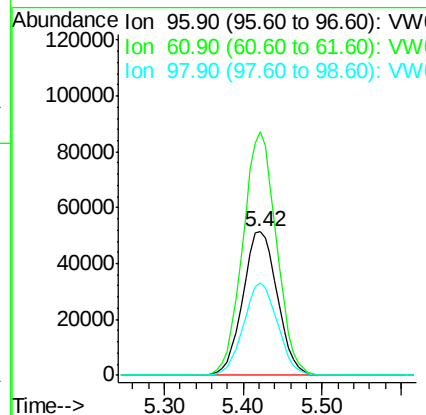
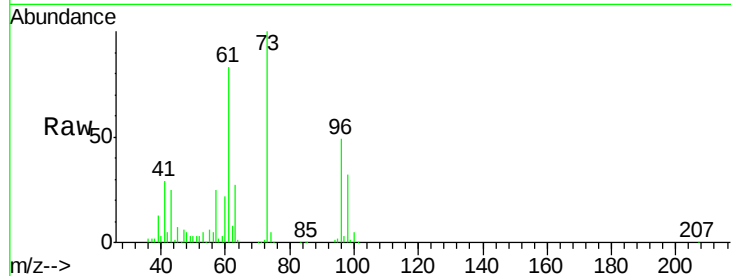
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	156664
Ion	Ratio	Lower	Upper
96	100		
61	169.7	126.0	189.0
98	64.7	49.6	74.4

Manual Integrations
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6/20/2019 12:00:07 PM



#22

Diisopropyl ether

Concen: 51.840 ug/l

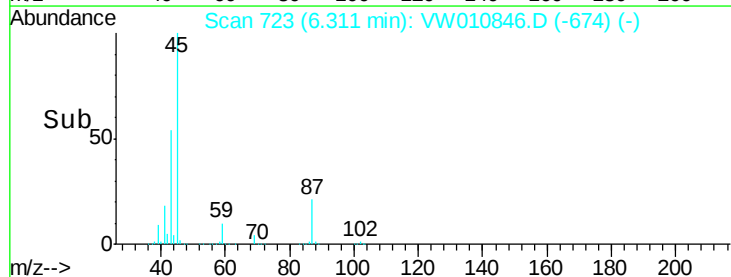
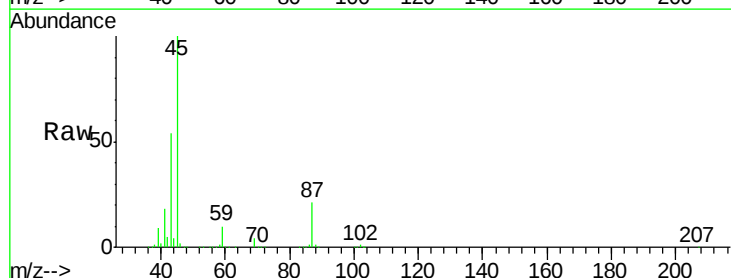
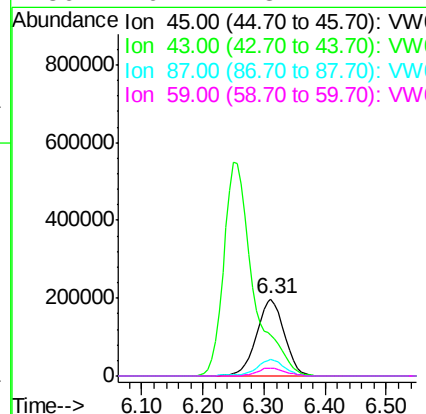
RT: 6.31 min Scan# 723

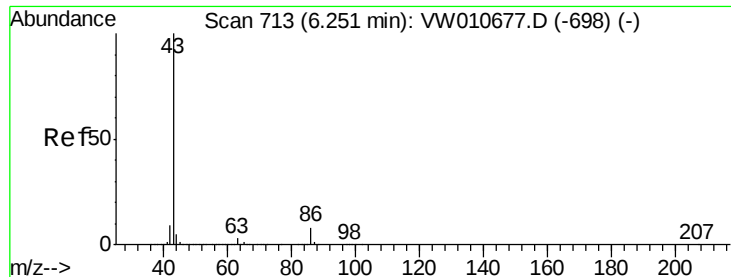
Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Tgt Ion:	45	Resp:	629992
Ion	Ratio	Lower	Upper
45	100		
43	53.7	42.5	63.7
87	21.0	17.4	26.2
59	10.2	8.1	12.1





#23

Vinyl Acetate

Concen: 249.585 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1830463

Ion Ratio Lower Upper

43 100

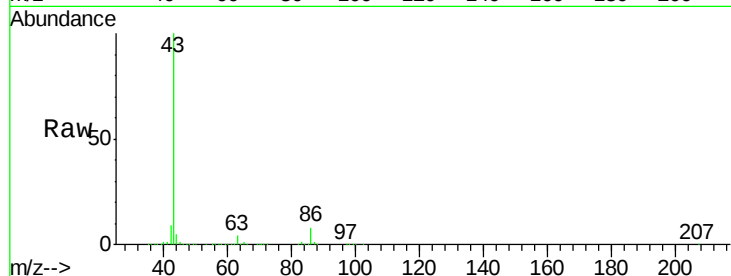
86 8.0 6.6 10.0

Manual Integrations

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6/20/2019 12:00:07 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

600000

500000

400000

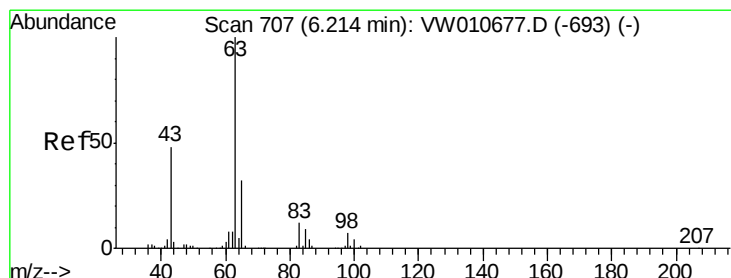
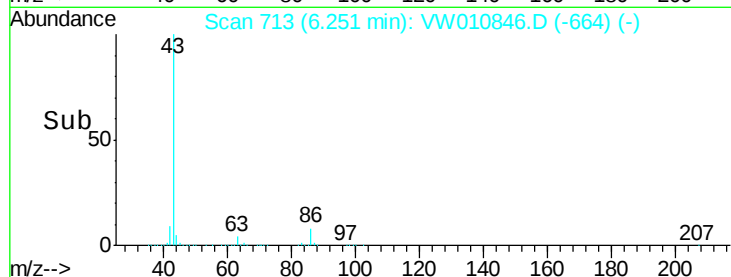
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.336 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

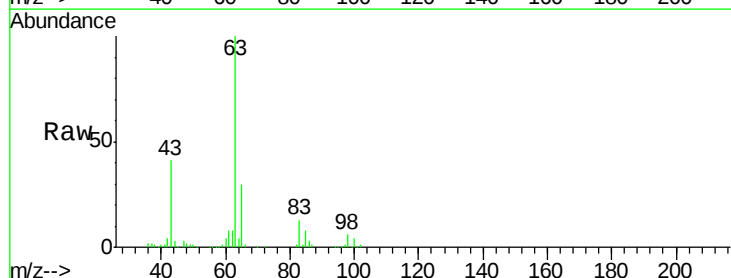
Tgt Ion: 63 Resp: 318733

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.0 2.1 6.3



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

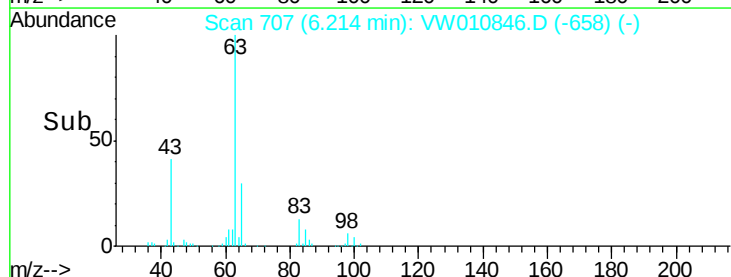
6.21

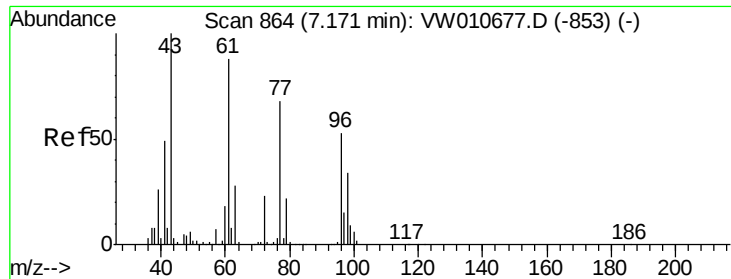
100000

50000

0

Time-->





#25

2-Butanone

Concen: 245.372 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 305899

Ion Ratio Lower Upper

43 100

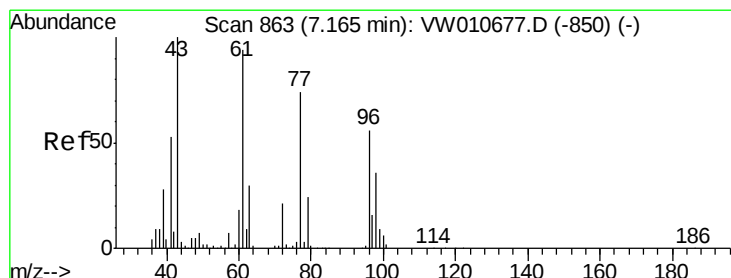
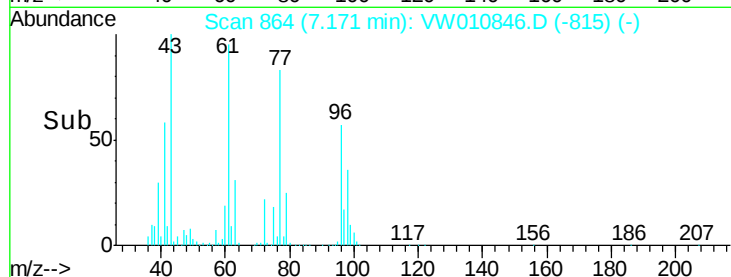
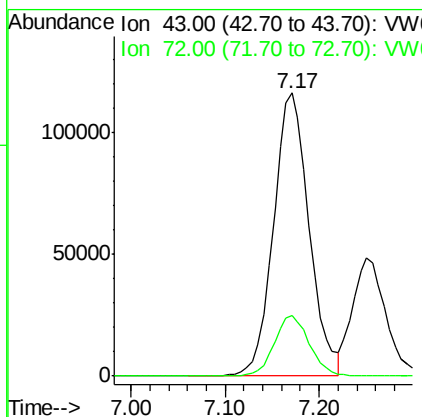
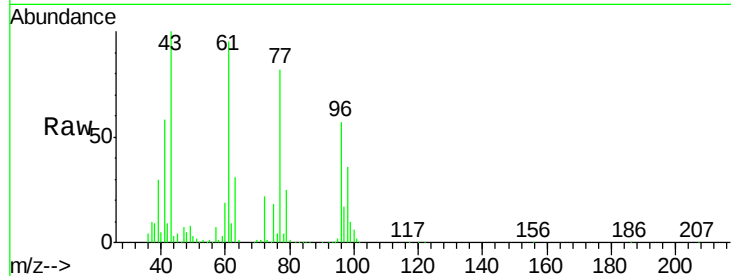
72 21.6 18.1 27.1

Manual Integrations

APPROVED

MMDadoda

6/20/2019 12:00:07 PM



#26

2,2-Dichloropropane

Concen: 58.136 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010846.D

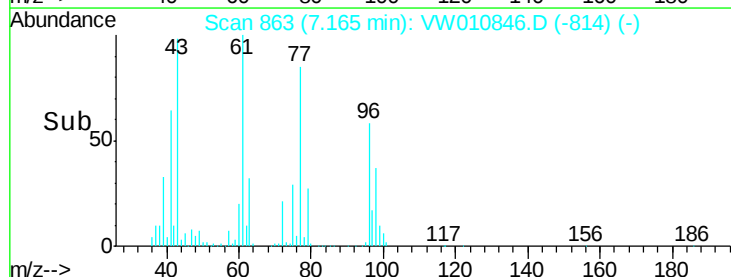
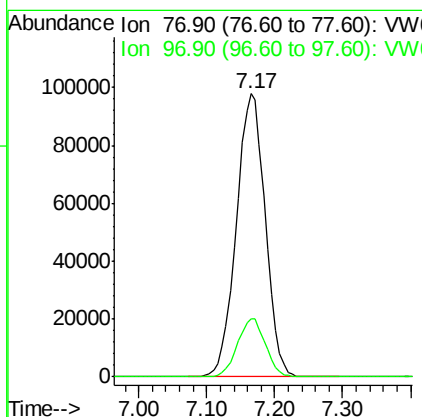
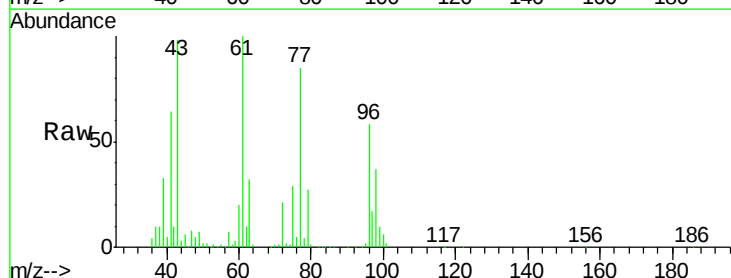
Acq: 19 Jun 2019 11:43

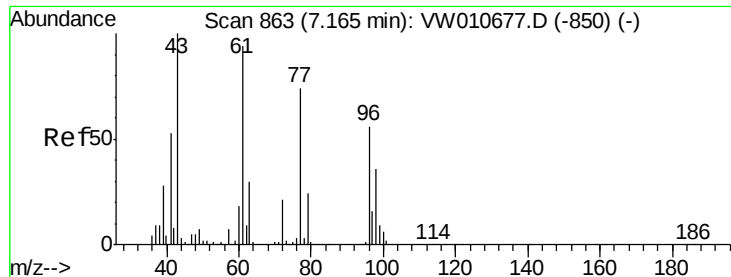
Tgt Ion: 77 Resp: 288109

Ion Ratio Lower Upper

77 100

97 20.0 10.5 31.6





#27

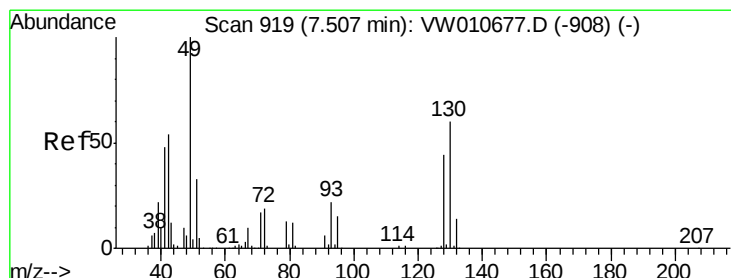
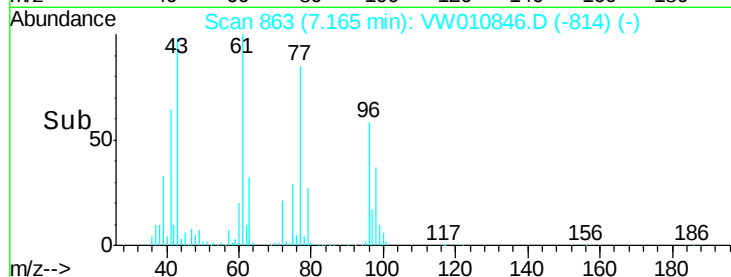
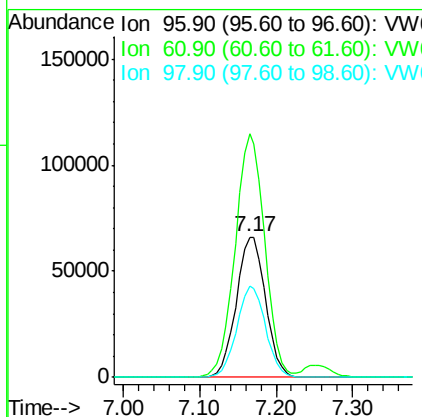
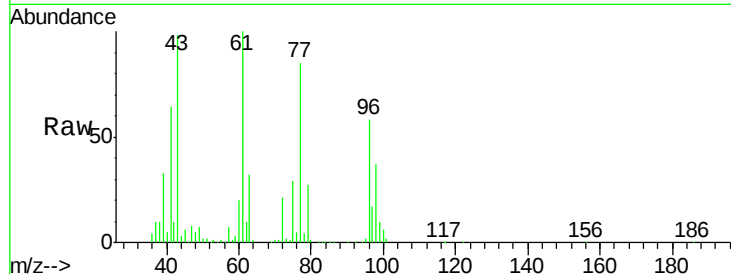
cis-1,2-Dichloroethene
Concen: 51.028 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	174.7	0.0	336.4
98	63.7	0.0	128.0

Manual Integrations
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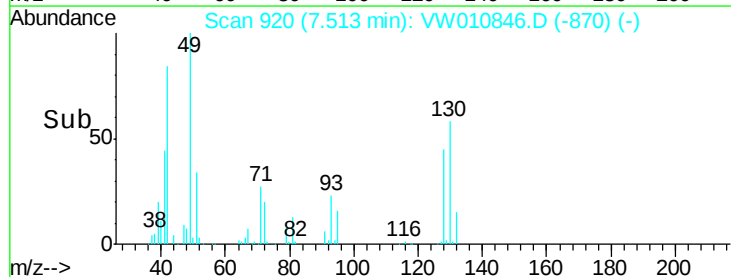
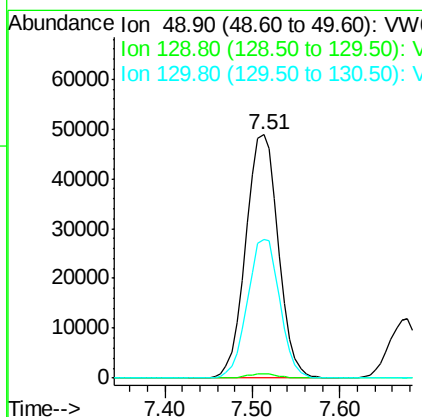
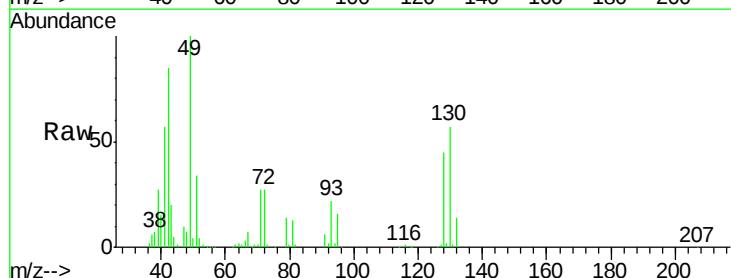
MMDadoda
6/20/2019 12:00:07 PM

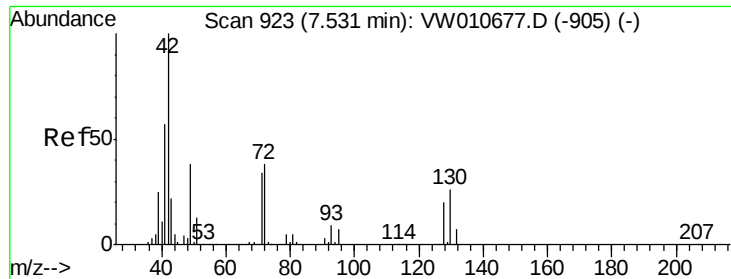


#28

Bromochloromethane
Concen: 46.528 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	56.8	48.3	72.5





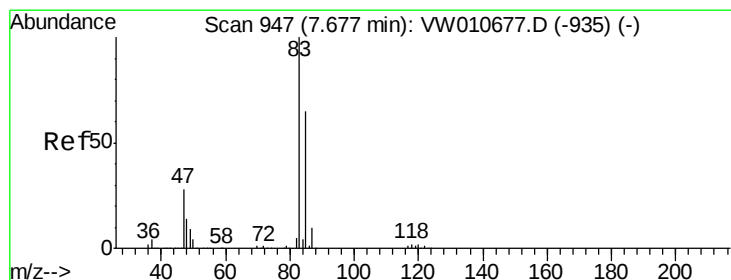
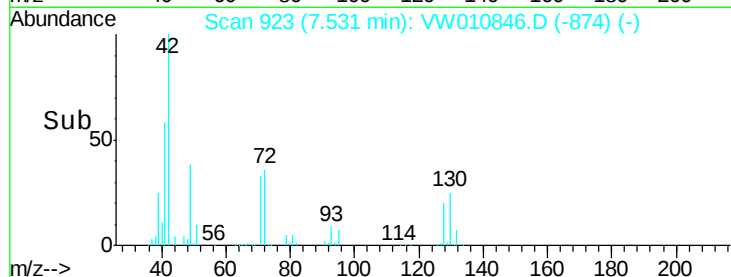
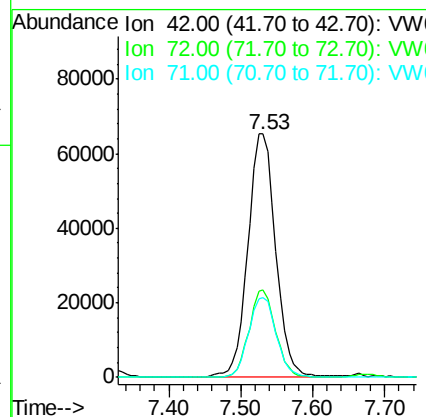
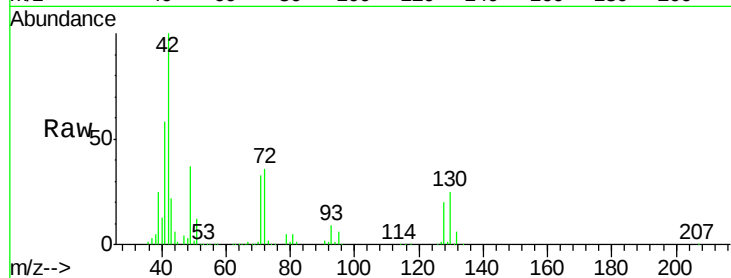
#29
Tetrahydrofuran
Concen: 222.620 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.3	28.7	43.1
71	32.7	26.6	39.8

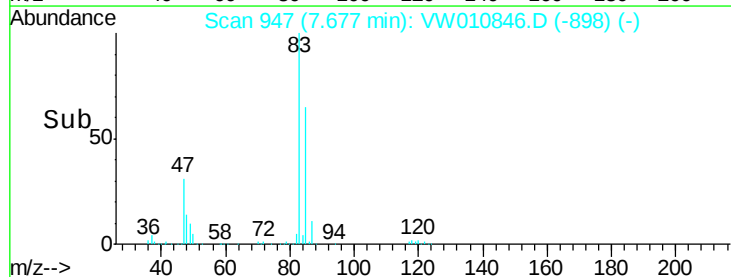
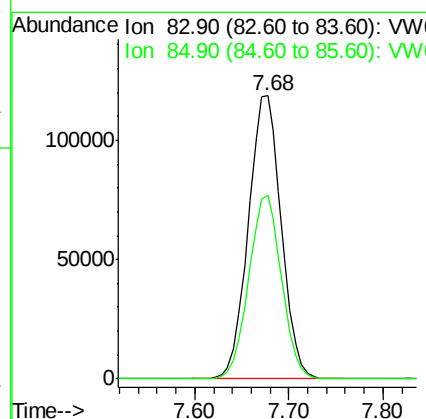
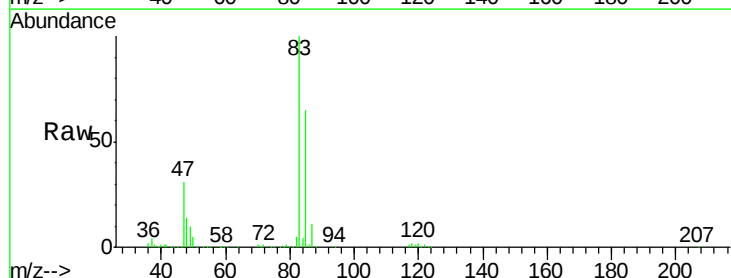
Manual Integrations
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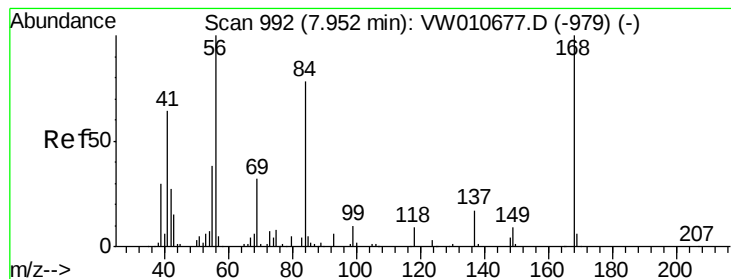
MMDadoda
6/20/2019 12:00:07 PM



#30
Chloroform
Concen: 52.183 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.8





#31

Cyclohexane

Concen: 48.986 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 331635

Ion Ratio Lower Upper

56 100

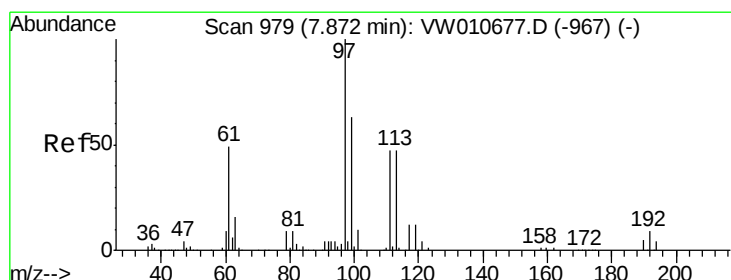
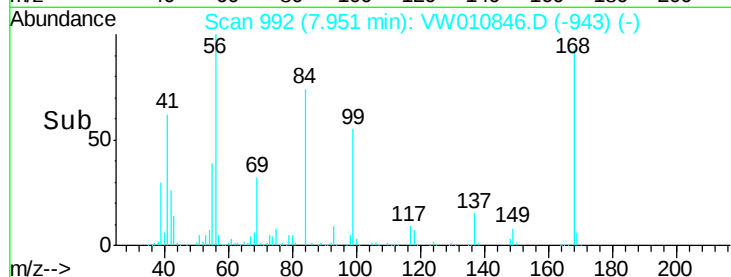
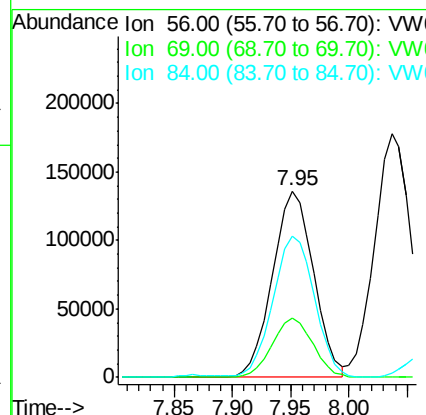
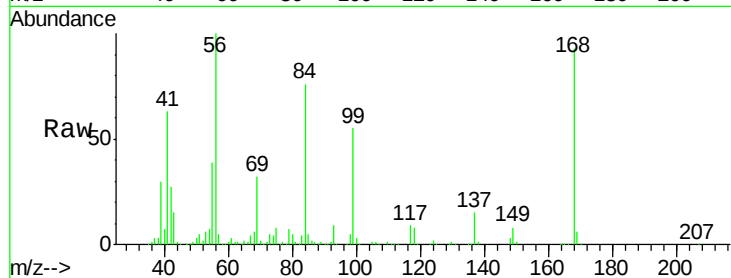
69 31.6 25.2 37.8

84 74.7 62.2 93.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.578 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

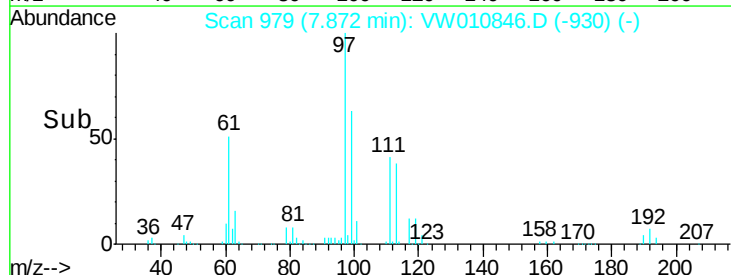
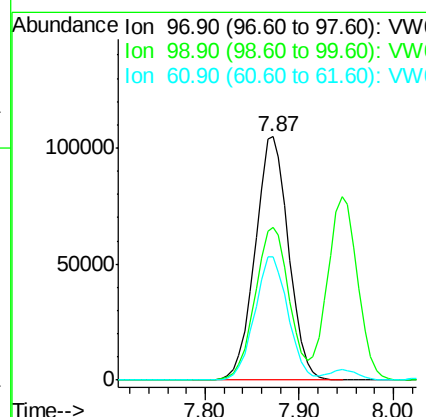
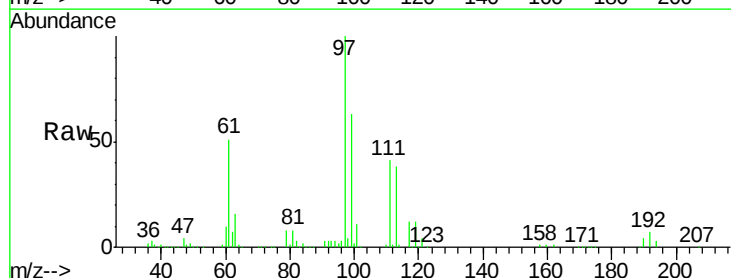
Tgt Ion: 97 Resp: 260714

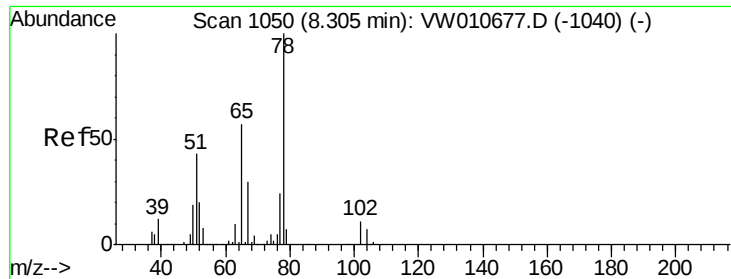
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 51.0 40.4 60.6





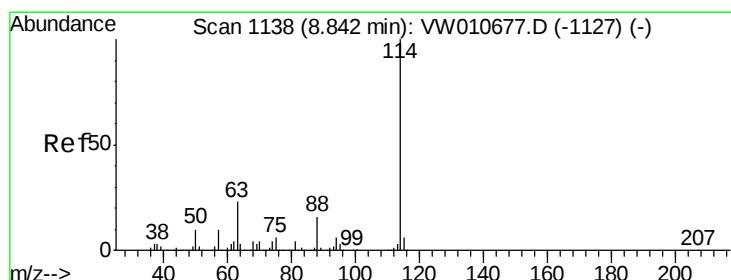
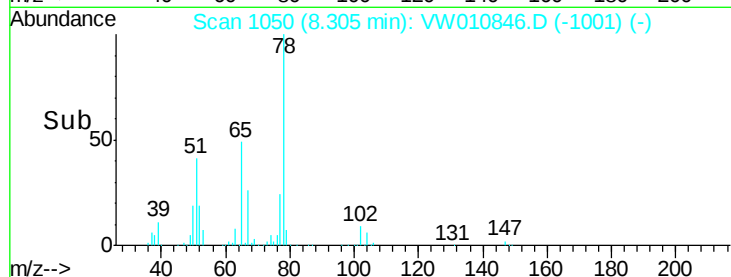
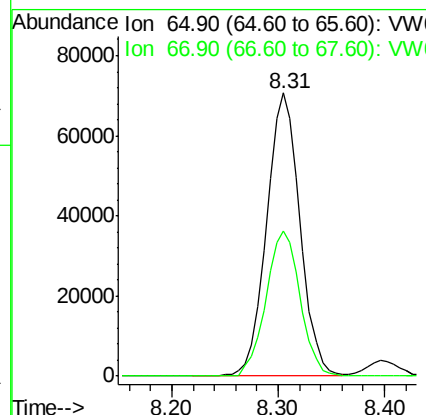
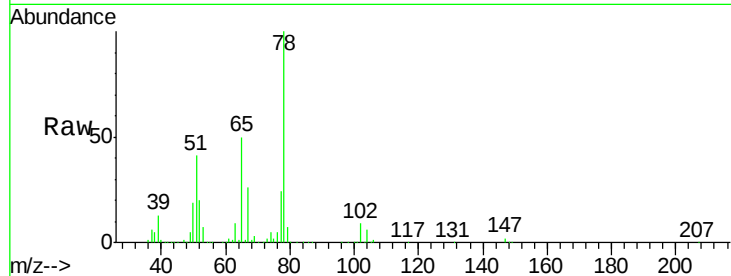
#33
 1,2-Dichloroethane-d4
 Concen: 46.069 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.3	0.0	102.6	

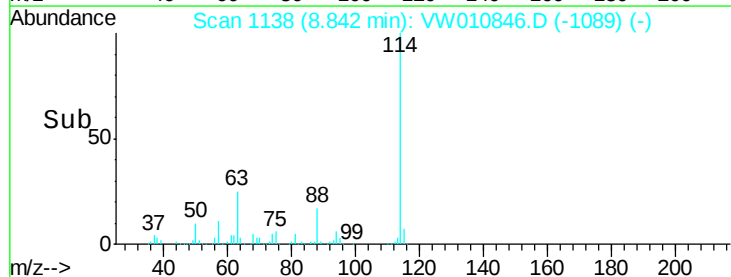
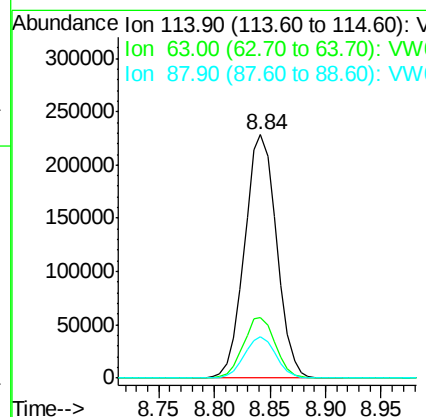
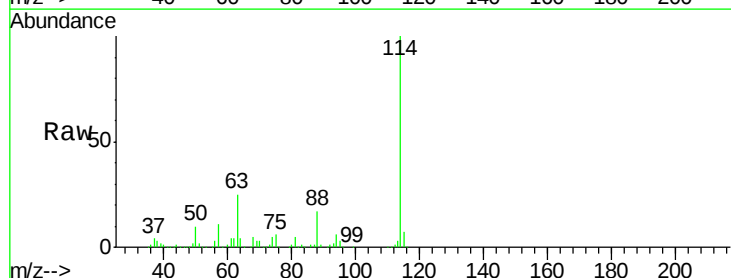
Manual Integrations
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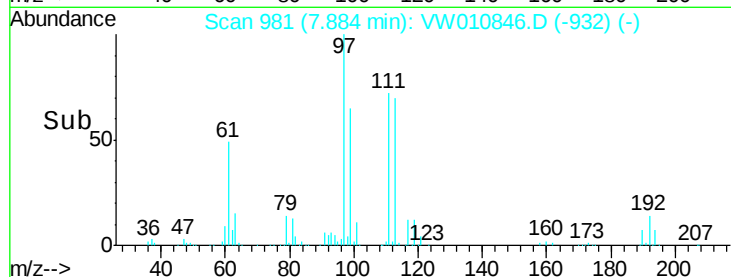
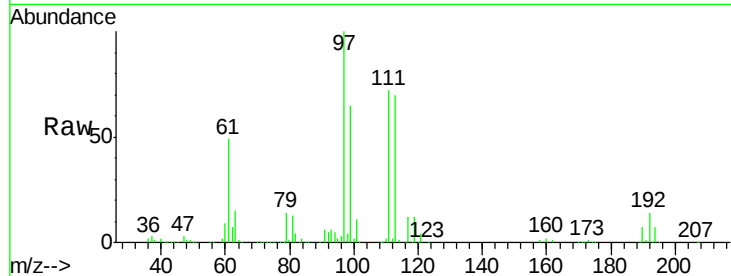
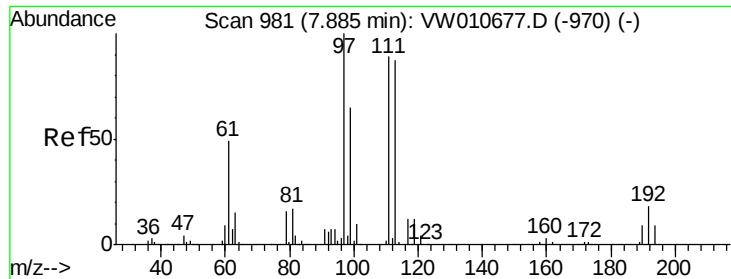
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	24.9	0.0	46.4	
88	16.9	0.0	32.2	





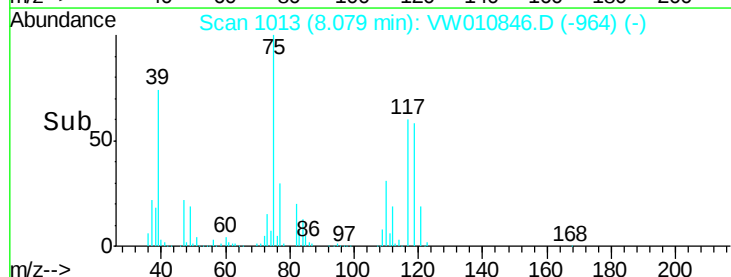
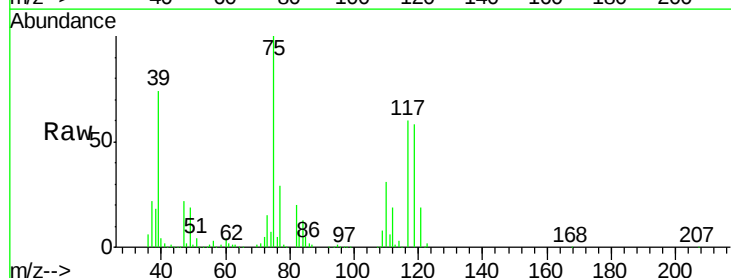
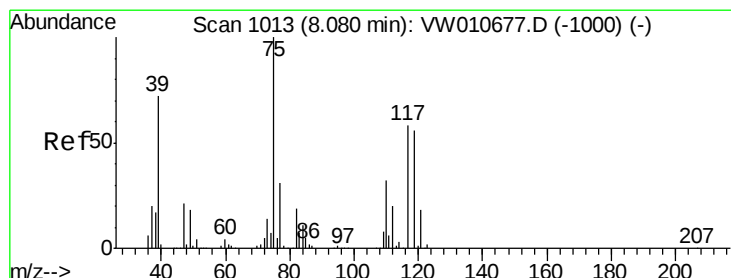
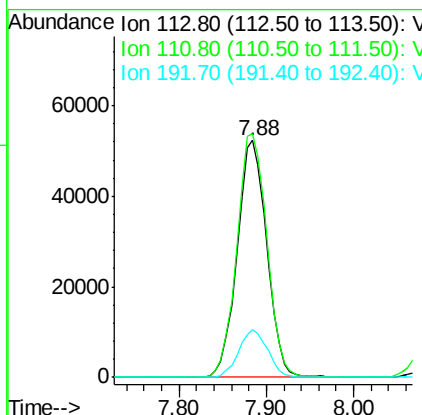
#35
Dibromofluoromethane
Concen: 49.627 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122812		
111	104.7	82.6	123.8	
192	19.7	16.4	24.6	

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

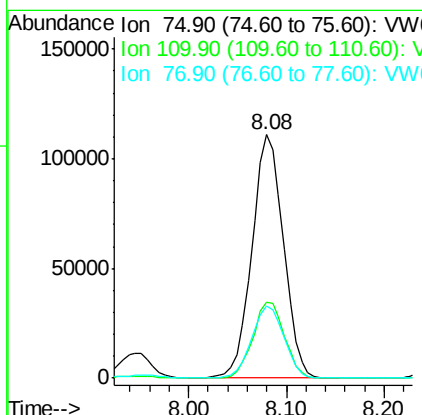
Manual Integrations
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6/20/2019 12:00:07 PM



#36
1,1-Dichloropropene
Concen: 52.920 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	246974		
110	31.7	15.8	47.3	
77	30.7	24.7	37.1	





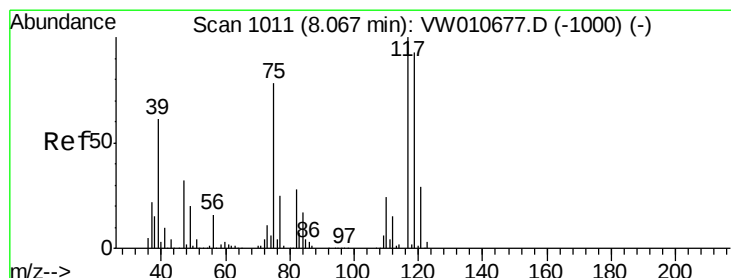
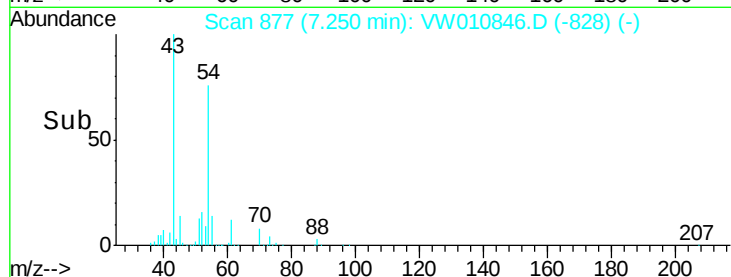
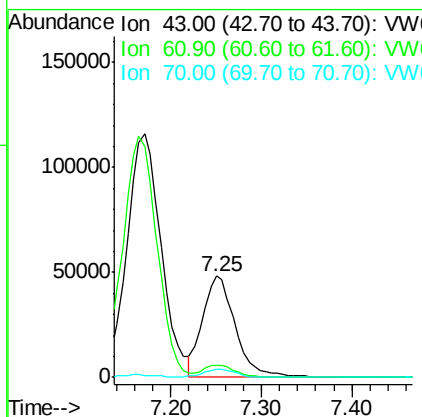
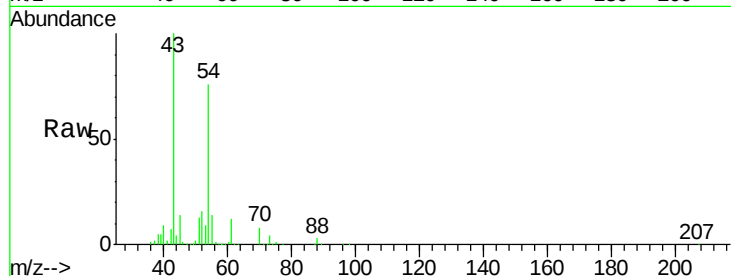
#37
Ethyl Acetate
Concen: 46.394 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.3	9.7	14.5
70	8.5	7.2	10.8

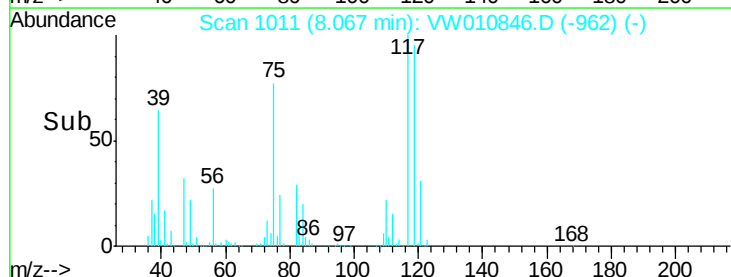
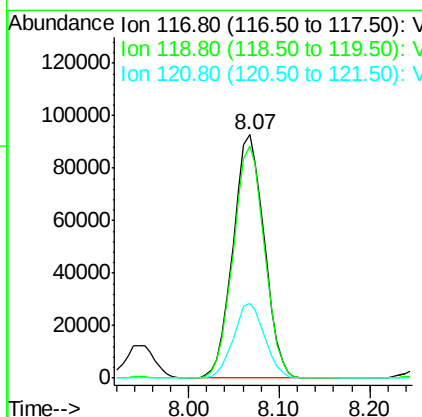
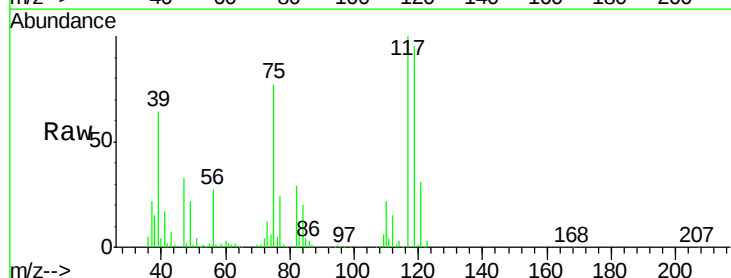
Manual Integrations
APPROVED

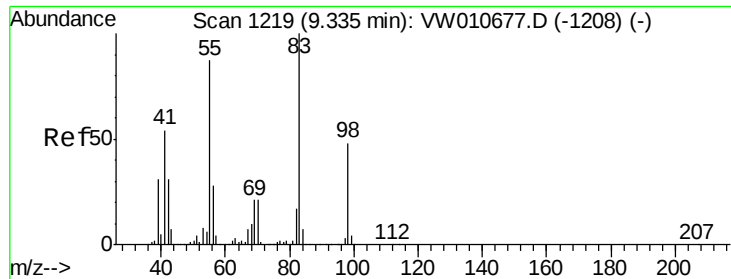
MMDadoda
6/20/2019 12:00:07 PM



#38
Carbon Tetrachloride
Concen: 55.037 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.2	111.4
121	30.8	22.9	34.3





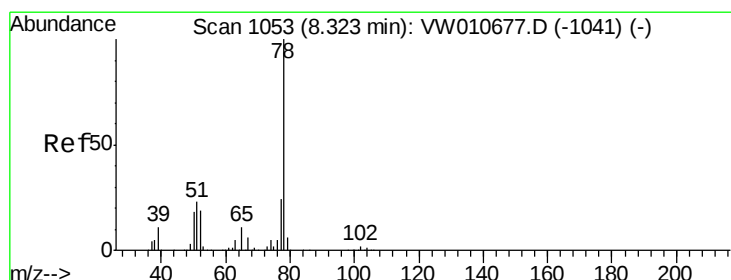
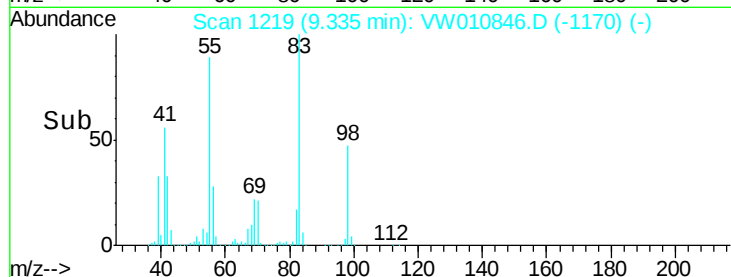
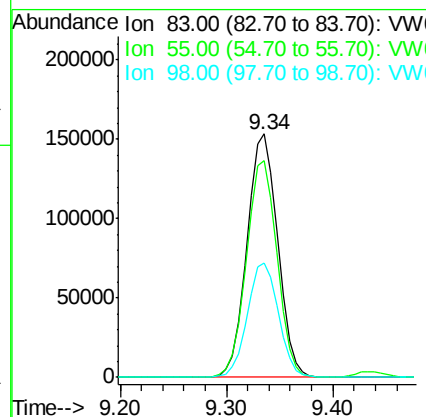
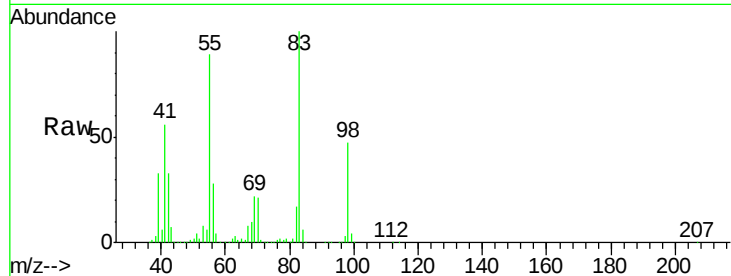
#39
Methvlcvclohexane
Concen: 52.469 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.9	70.0	105.0
98	46.8	38.1	57.1

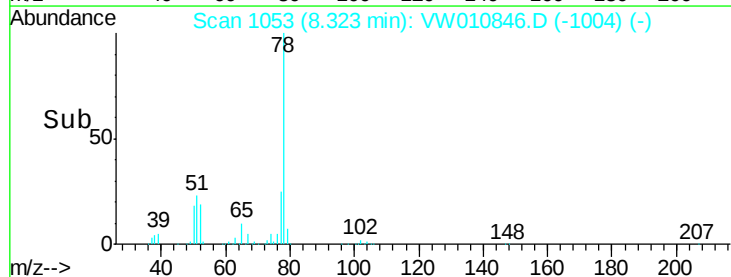
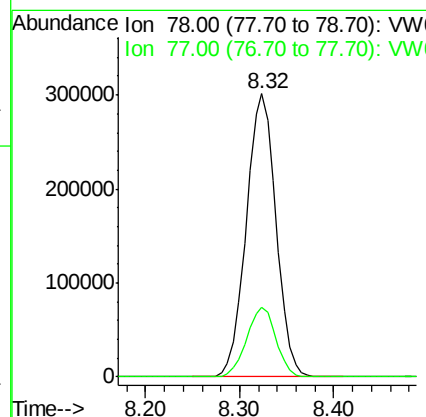
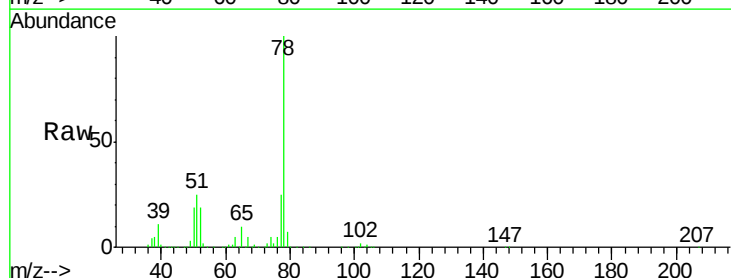
Manual Integrations
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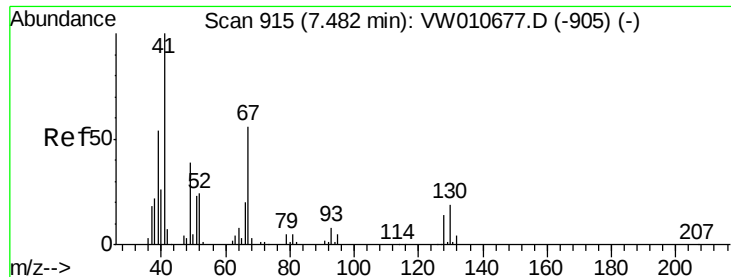
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#40
Benzene
Concen: 52.154 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.1	28.7





#41

Methacrylonitrile

Concen: 47.532 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

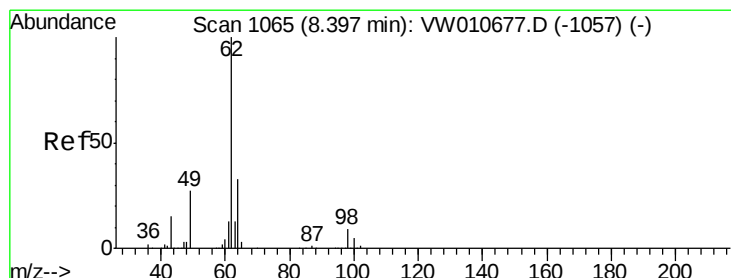
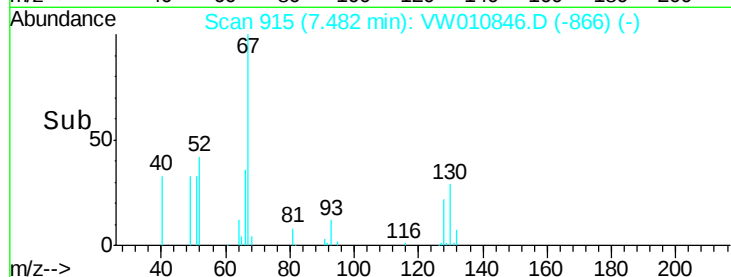
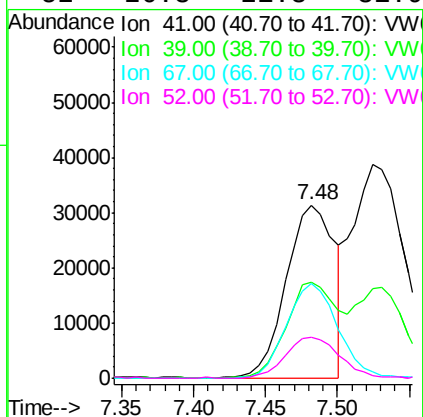
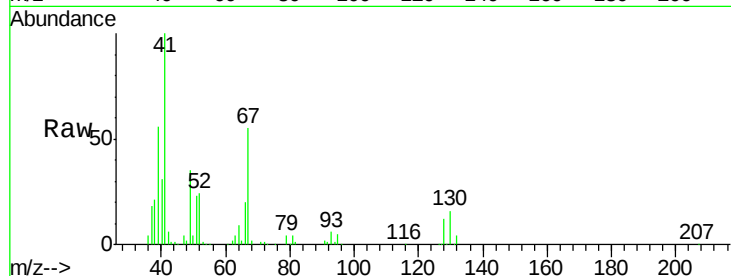
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	61.5	47.3	70.9	
67	58.7	47.2	70.8	
52	26.3	21.3	31.9	

Manual Integrations
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6/20/2019 12:00:07 PM



#42

1,2-Dichloroethane

Concen: 50.874 ug/l

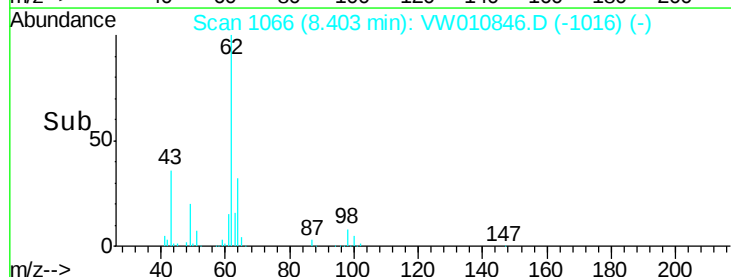
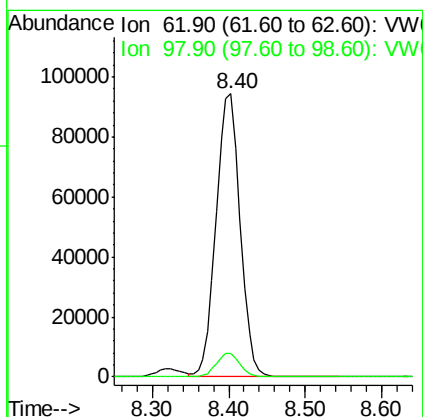
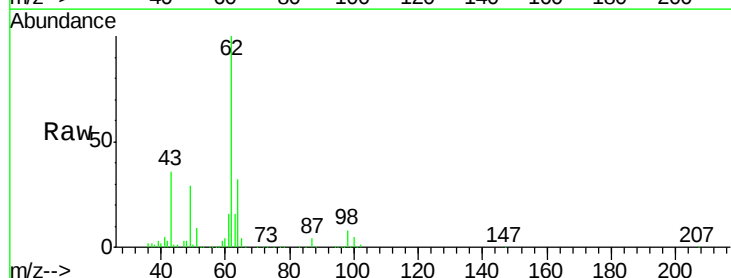
RT: 8.40 min Scan# 1066

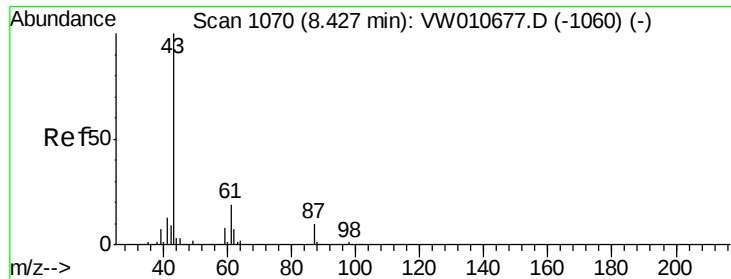
Delta R.T. 0.01 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	17.2	





#43

Isopropyl Acetate

Concen: 48.412 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

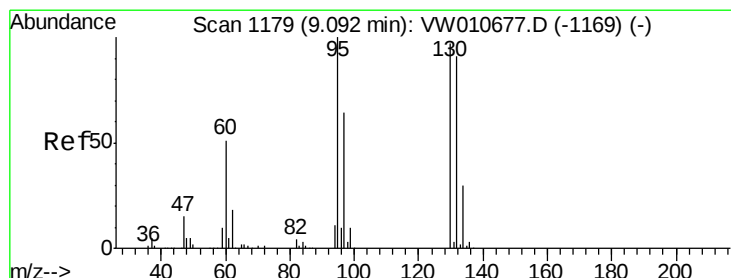
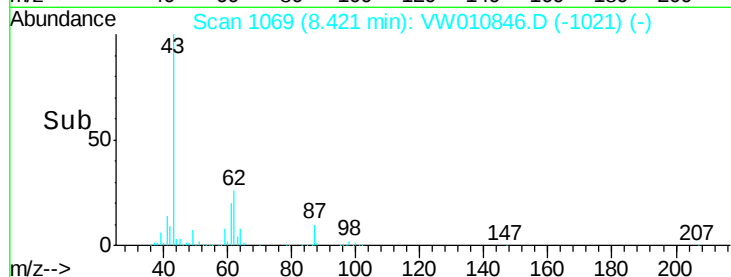
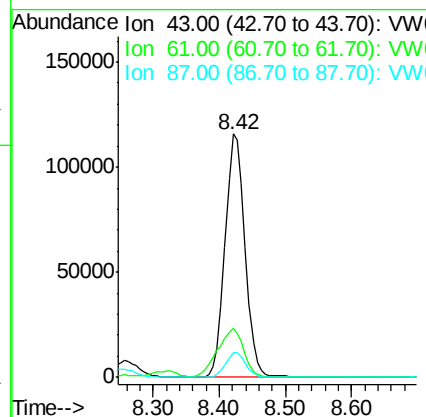
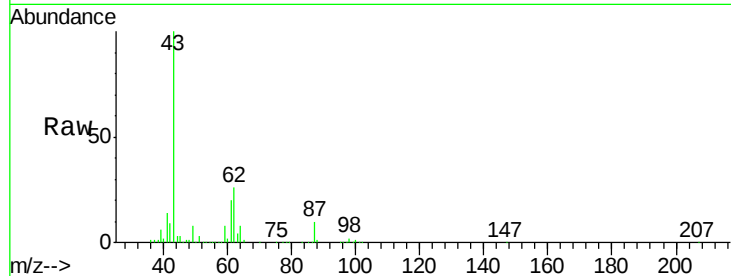
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	241880
Ion	Ratio	Lower	Upper
43	100		
61	26.0	21.2	31.8
87	10.3	8.3	12.5

Manual Integrations
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#44

Trichloroethene

Concen: 52.182 ug/l

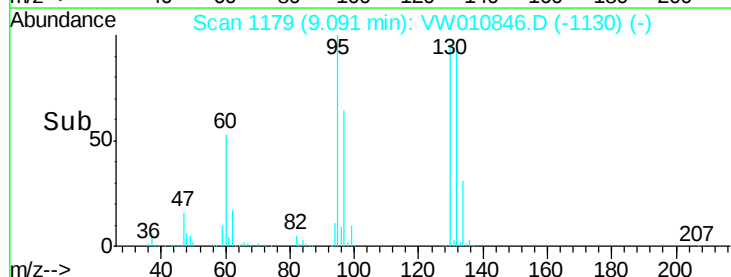
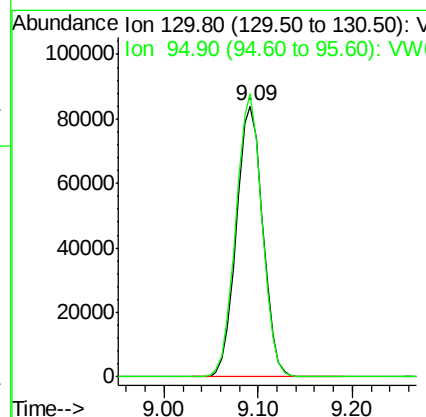
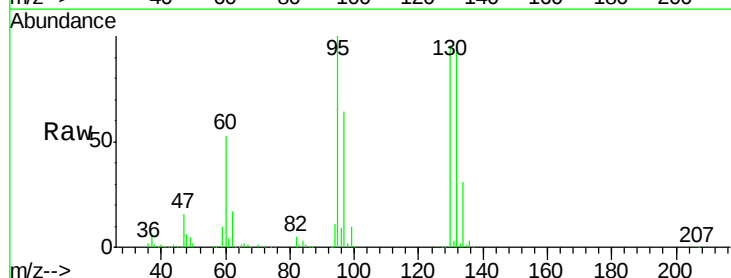
RT: 9.09 min Scan# 1179

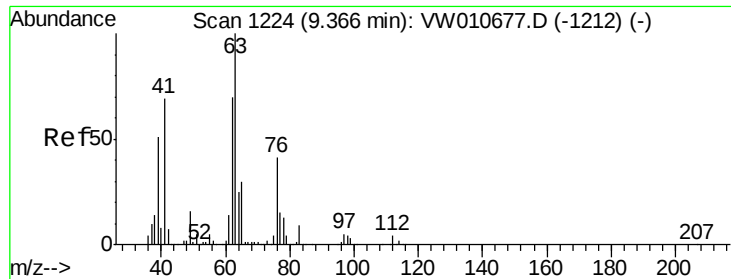
Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Tgt Ion:	130	Resp:	163884
Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	207.0





#45

1,2-Dichloropropane

Concen: 52.447 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 176761

Ion Ratio Lower Upper

63 100

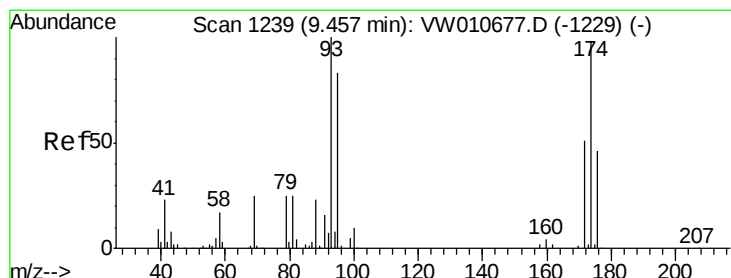
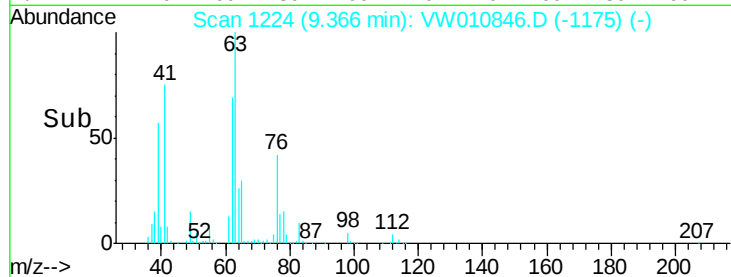
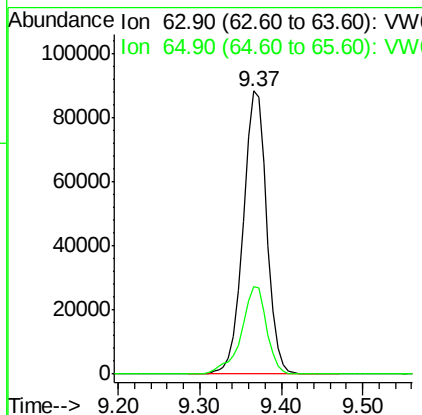
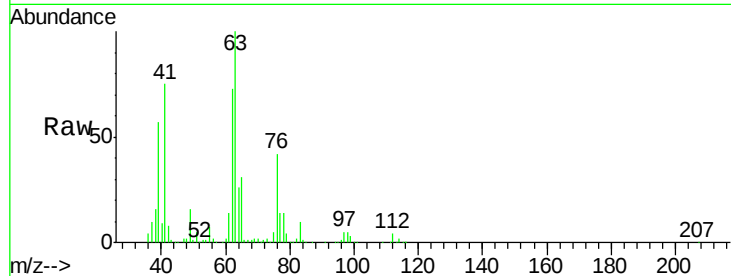
65 30.7 23.8 35.6

Manual Integrations

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#46

Dibromomethane

Concen: 49.281 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

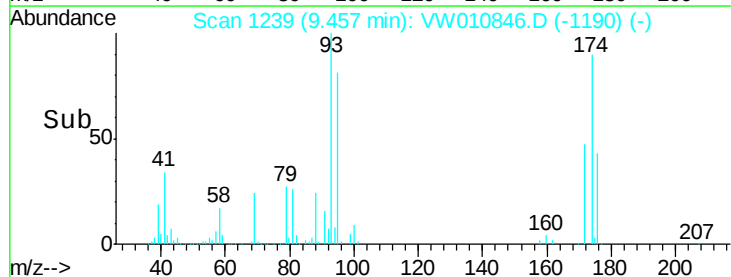
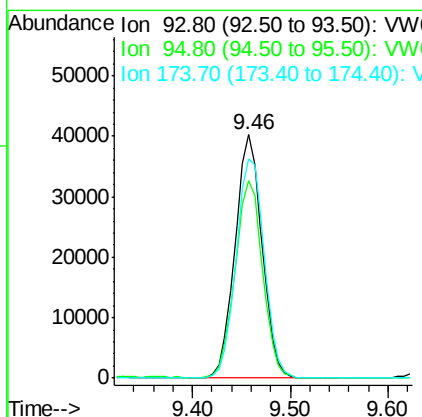
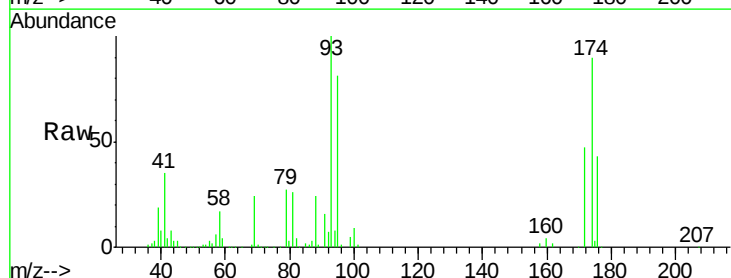
Tgt Ion: 93 Resp: 77145

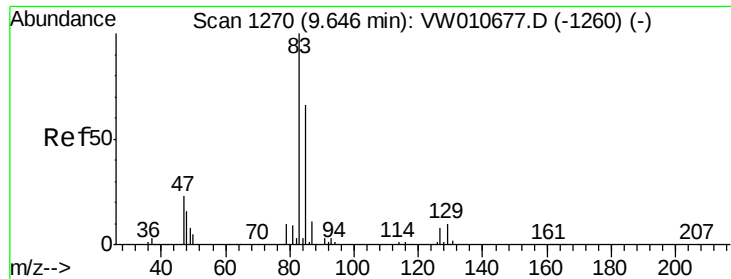
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 94.0 77.4 116.0





#47

Bromodichloromethane

Concen: 53.244 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

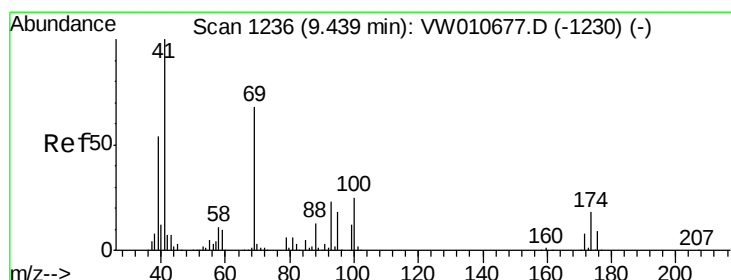
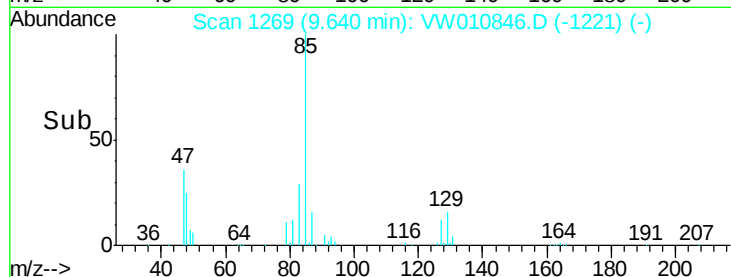
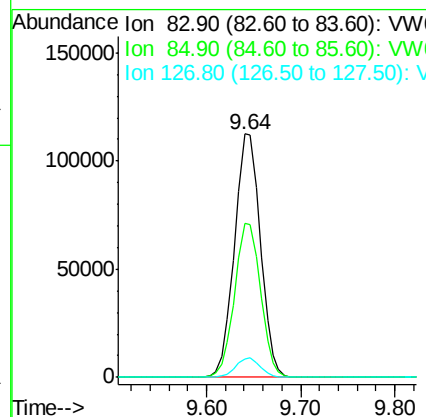
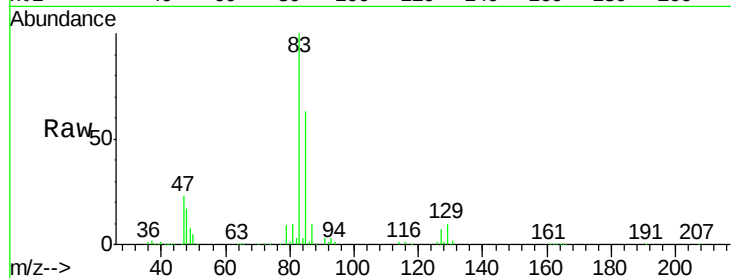
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	216051
Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.0	79.4
127	7.3	6.4	9.6

Manual Integrations
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MMDadoda
6/20/2019 12:00:07 PM



#48

Methyl methacrylate

Concen: 47.988 ug/l

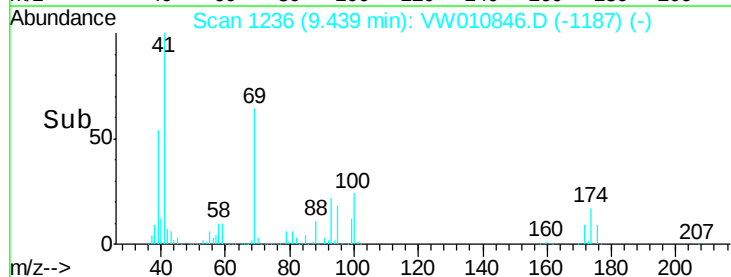
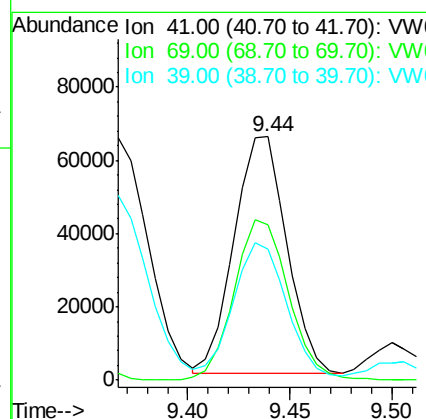
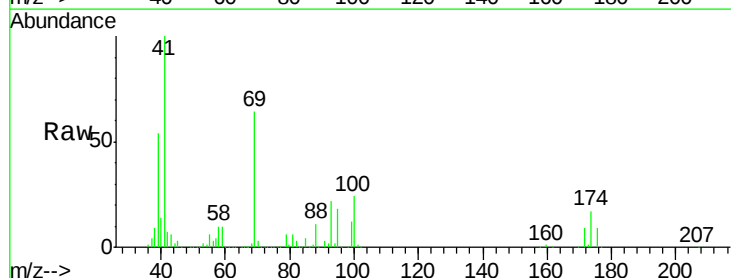
RT: 9.44 min Scan# 1236

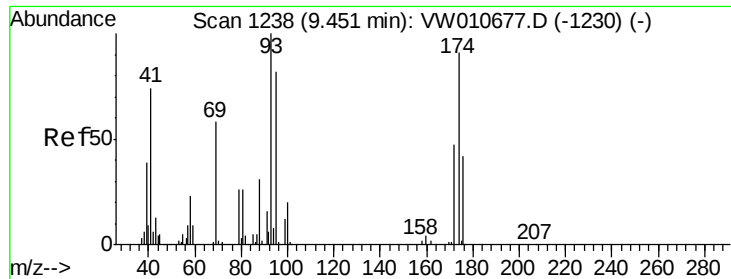
Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Tgt Ion:	41	Resp:	115601
Ion	Ratio	Lower	Upper
41	100		
69	69.9	56.6	85.0
39	55.9	44.4	66.6





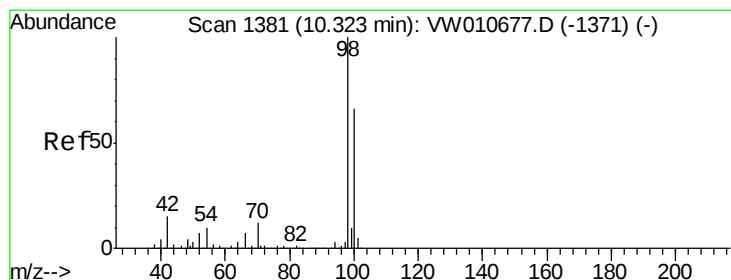
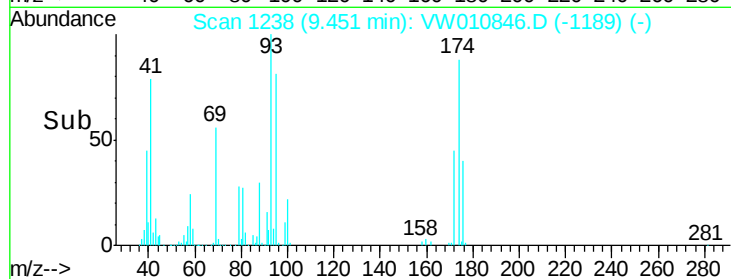
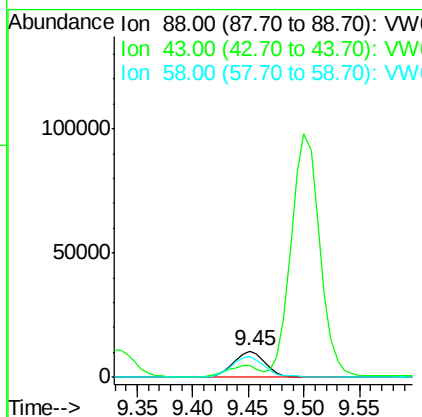
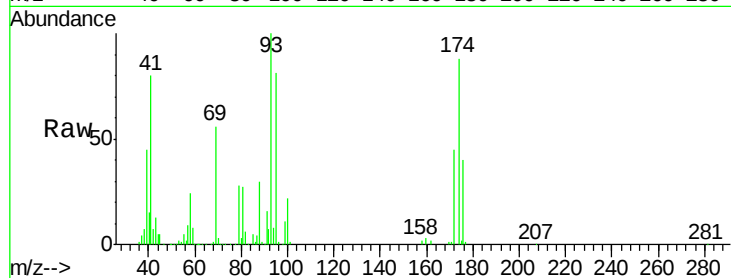
#49
1,4-Dioxane
Concen: 860.618 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	21063
Ion Ratio	Lower	Upper	
88	100		
43	42.7	34.2	51.4
58	85.7	69.0	103.4

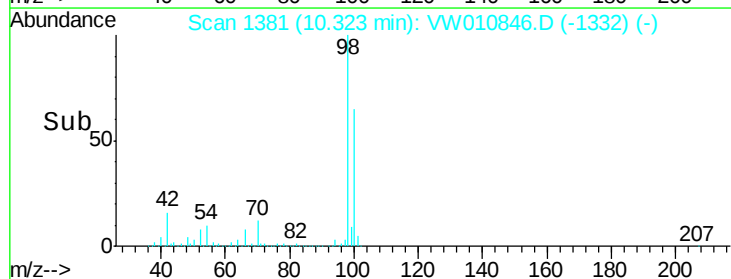
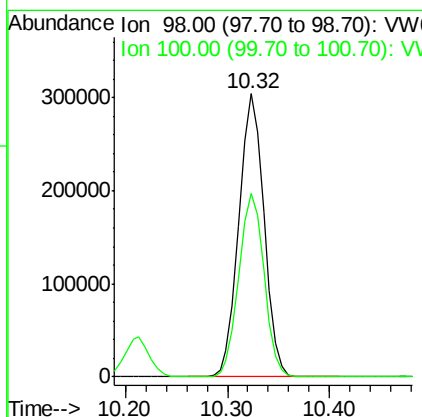
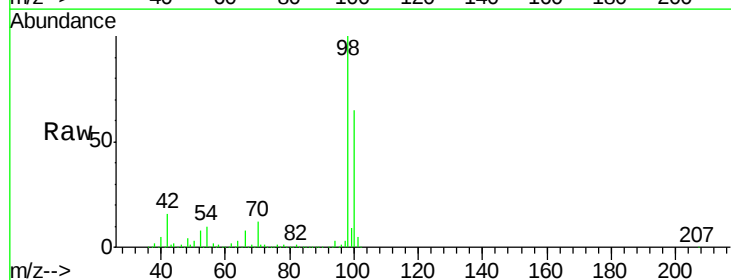
Manual Integrations
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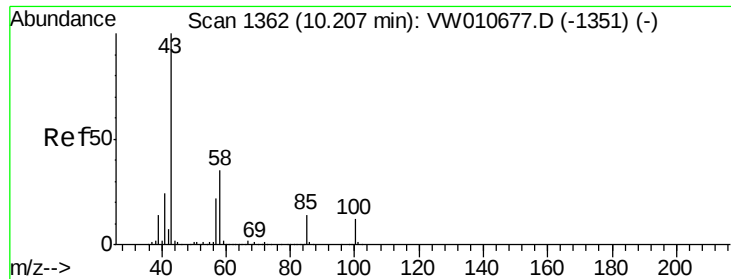
MMDadoda
6/20/2019 12:00:07 PM



#50
Toluene-d8
Concen: 47.770 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion	98	Resp	518395
Ion Ratio	Lower	Upper	
98	100		
100	64.9	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 237.456 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 606099

Ion Ratio Lower Upper

43 100

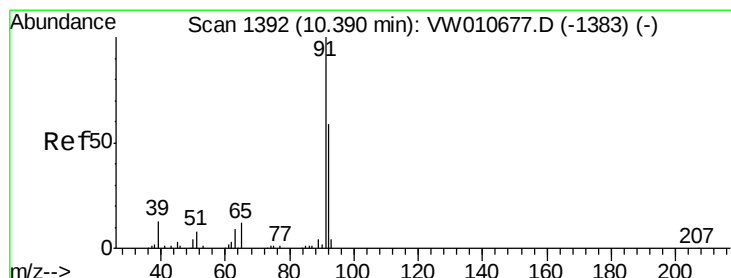
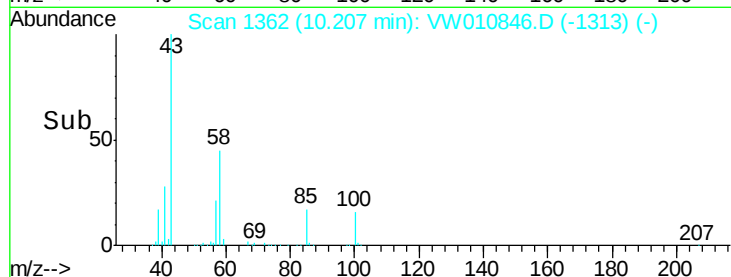
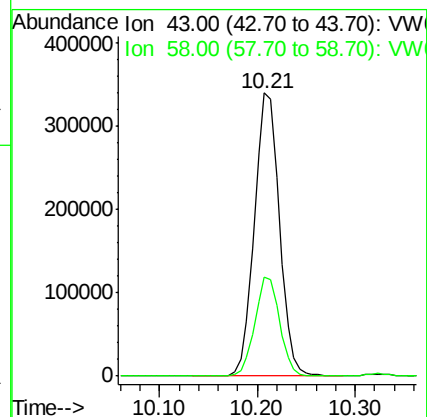
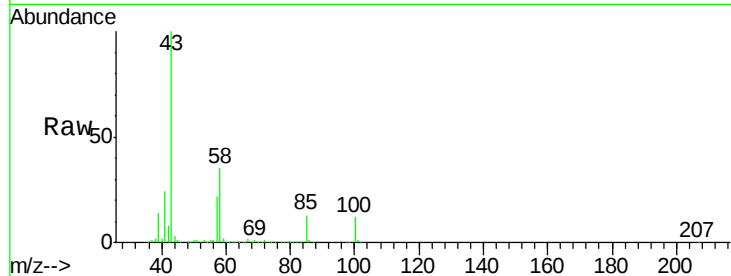
58 34.8 28.4 42.6

Manual Integrations

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#52

Toluene

Concen: 51.991 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010846.D

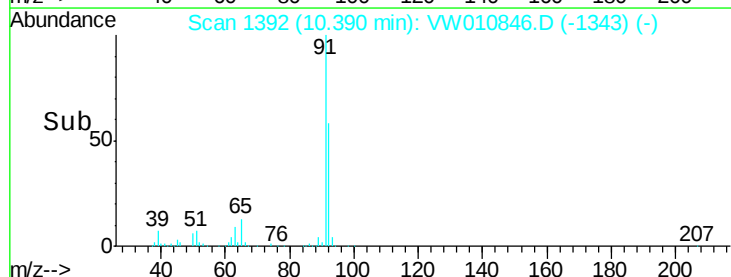
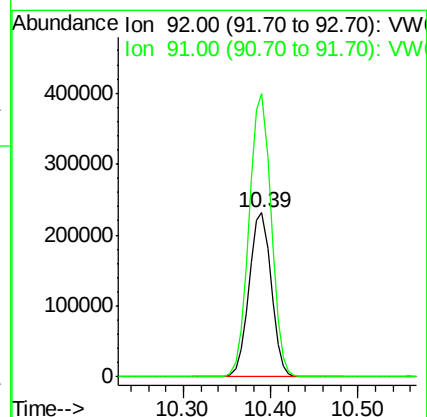
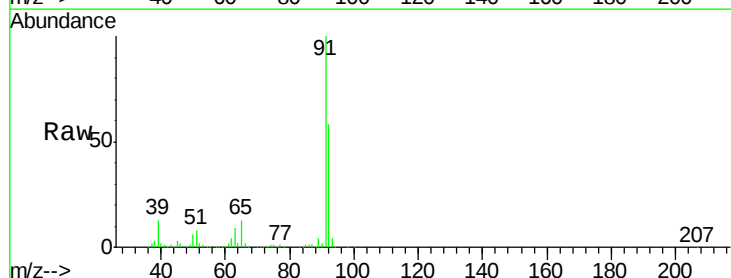
Acq: 19 Jun 2019 11:43

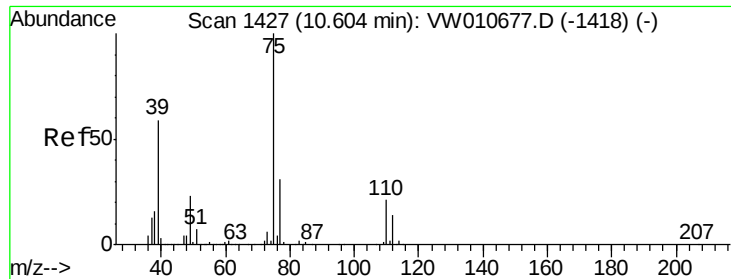
Tgt Ion: 92 Resp: 407277

Ion Ratio Lower Upper

92 100

91 171.6 134.9 202.3





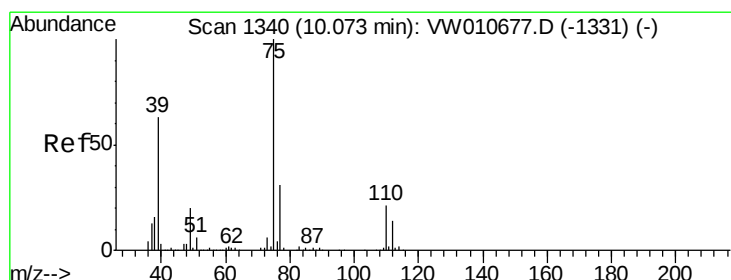
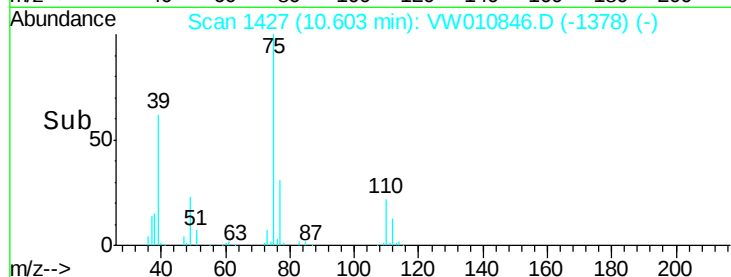
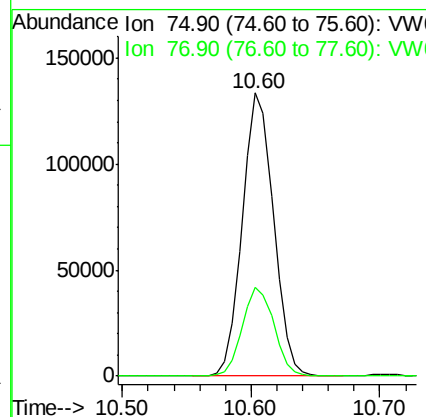
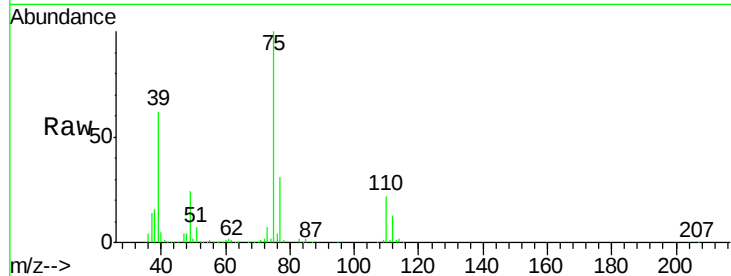
#53
 t-1,3-Dichloropropene
 Concen: 52.072 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.6	36.8

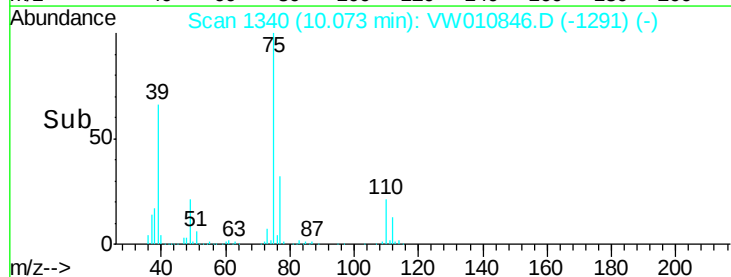
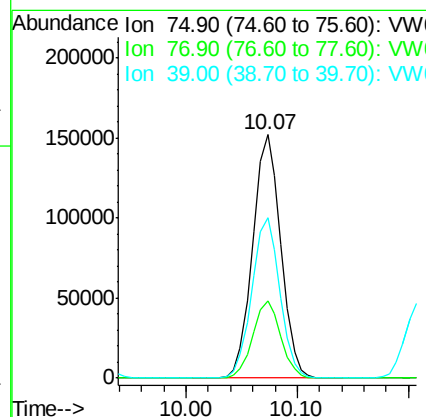
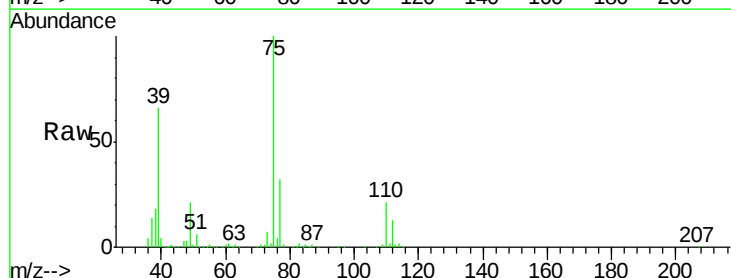
Manual Integrations
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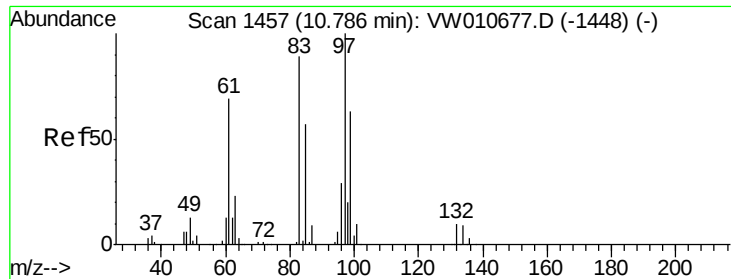
MMDadoda
 6/20/2019 12:00:07 PM



#54
 cis-1,3-Dichloropropene
 Concen: 52.918 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	65.7	50.1	75.1





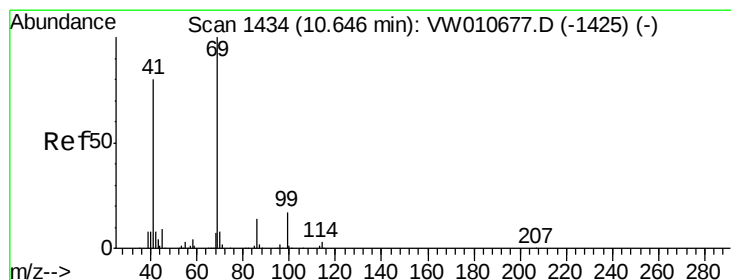
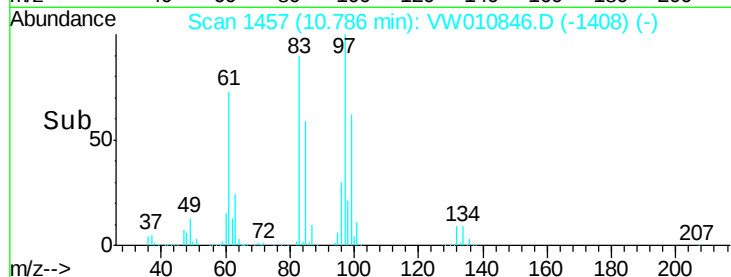
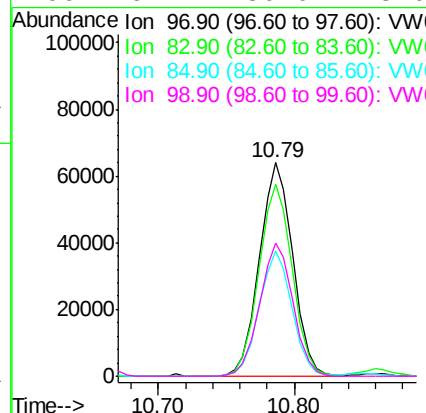
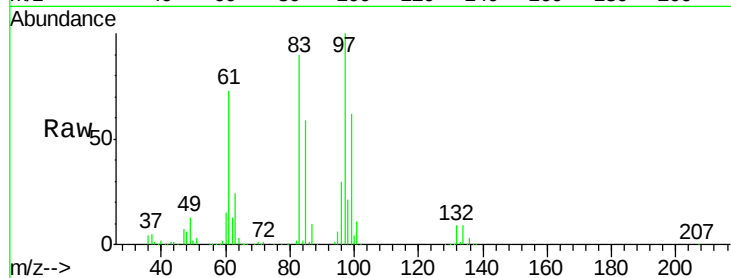
#55
1,1,2-Trichloroethane
Concen: 48.782 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	89.7	71.1	106.7	
85	58.5	45.2	67.8	
99	62.2	50.0	75.0	

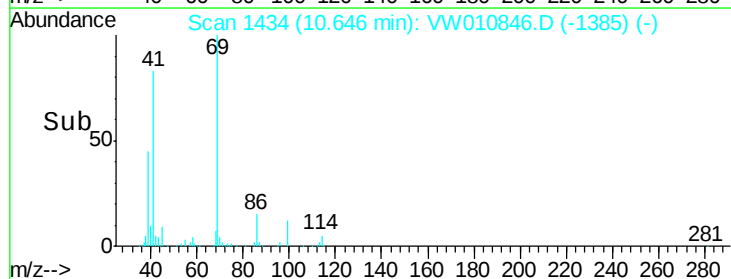
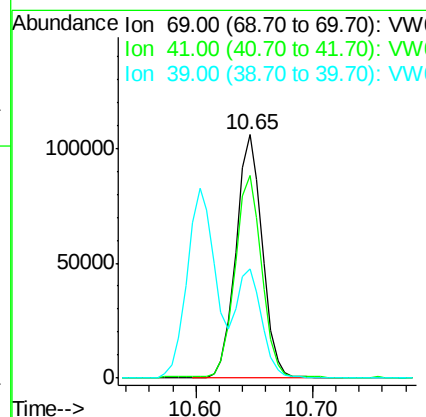
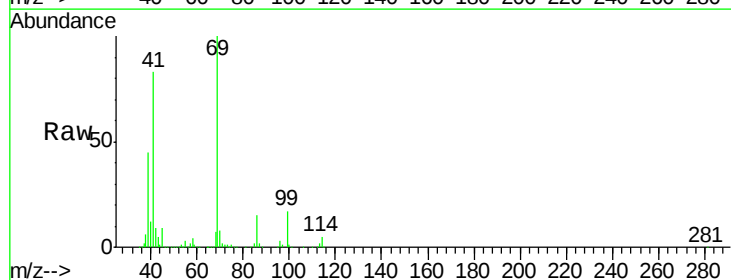
Manual Integrations
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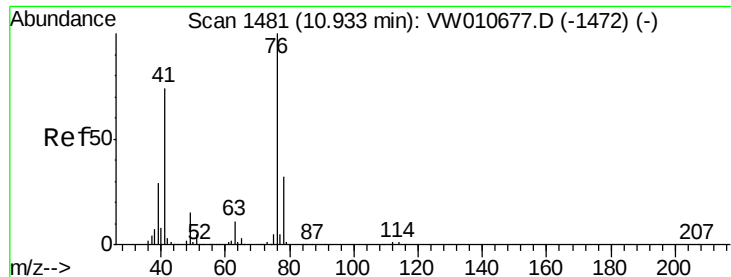
MMDadoda
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#56
Ethyl methacrylate
Concen: 48.066 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	84.1	64.8	97.2	
39	42.9	32.2	48.2	





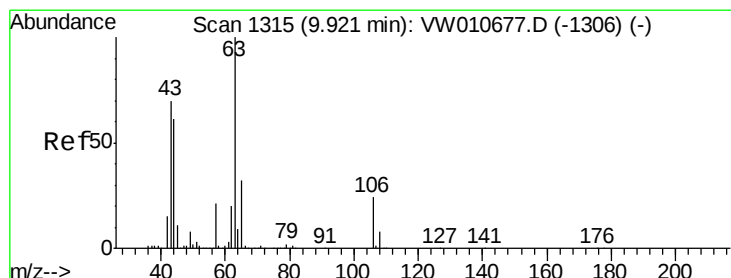
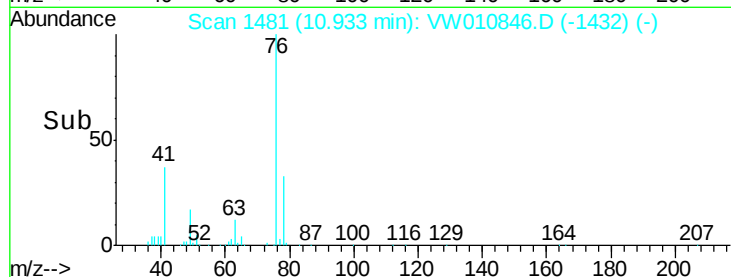
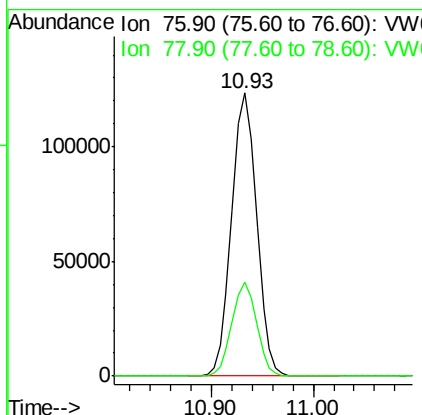
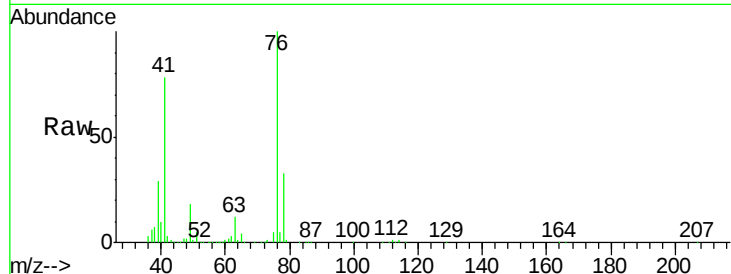
#57
 1,3-Dichloropropane
 Concen: 49.400 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.7	38.5

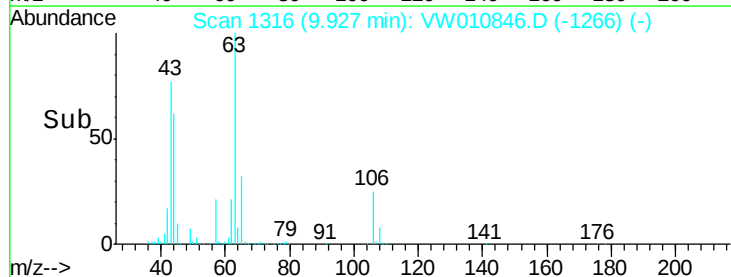
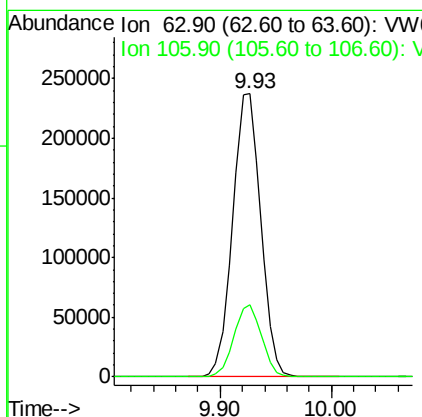
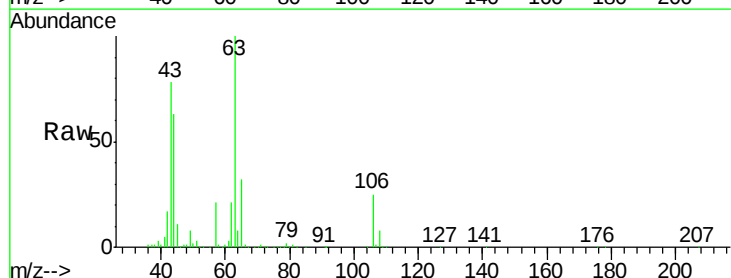
Manual Integrations
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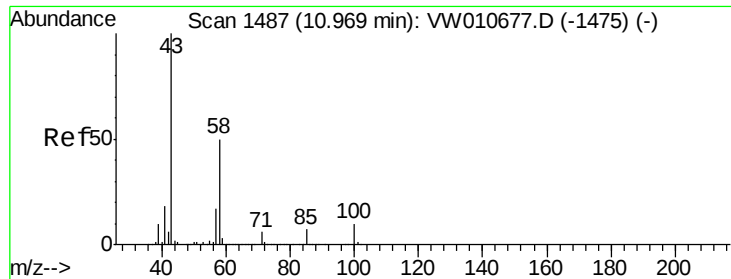
MMDadoda
 6/20/2019 12:00:07 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 228.305 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.9	20.1	30.1





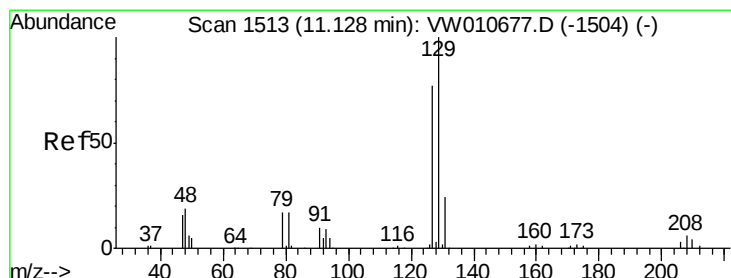
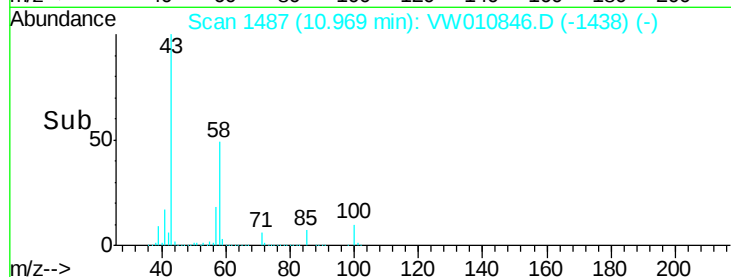
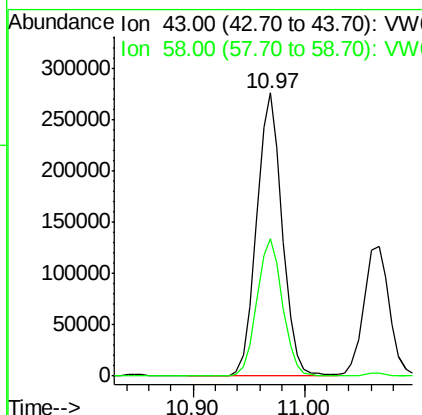
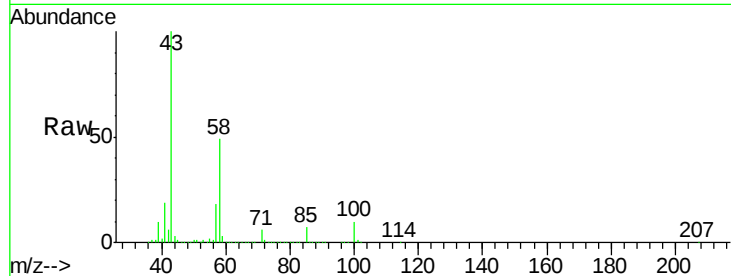
#59
2-Hexanone
Concen: 239.854 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 442465
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6

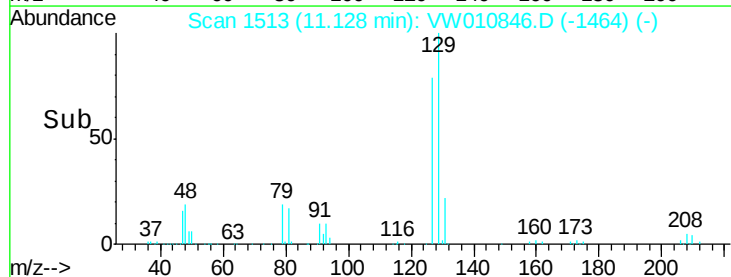
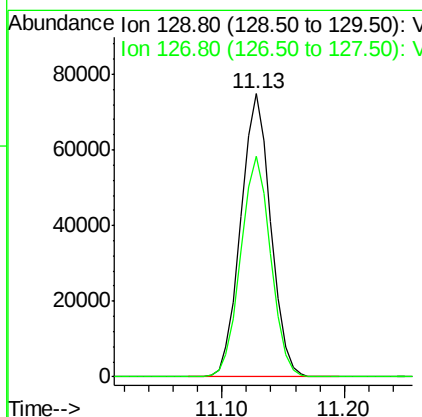
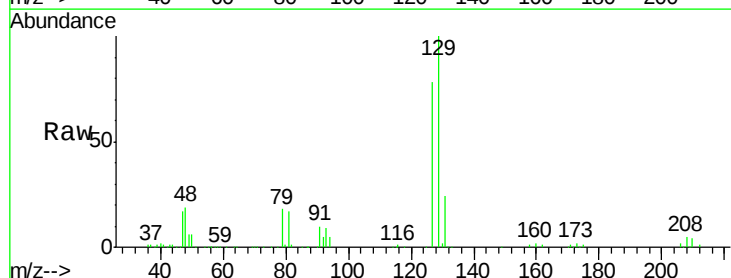
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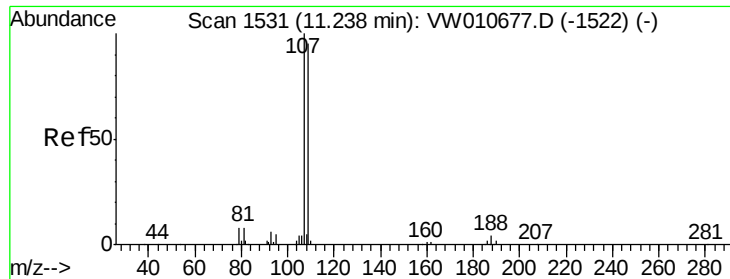
MMDadoda
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#60
Dibromochloromethane
Concen: 50.798 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion: 129 Resp: 126989
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





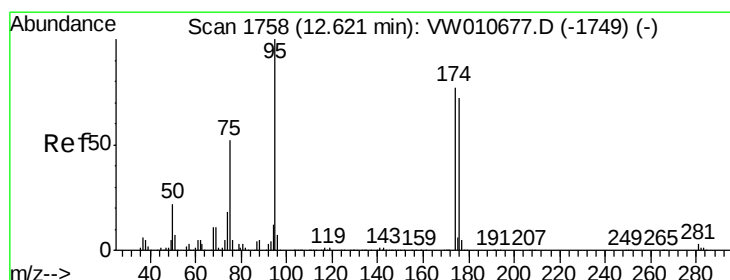
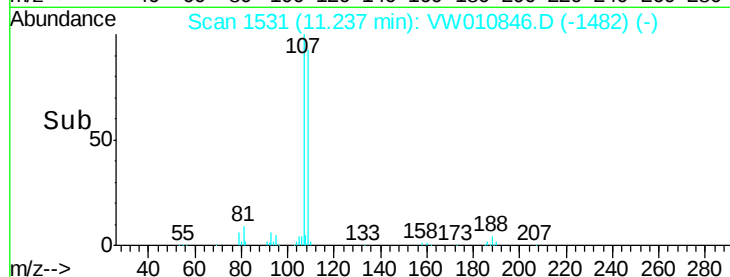
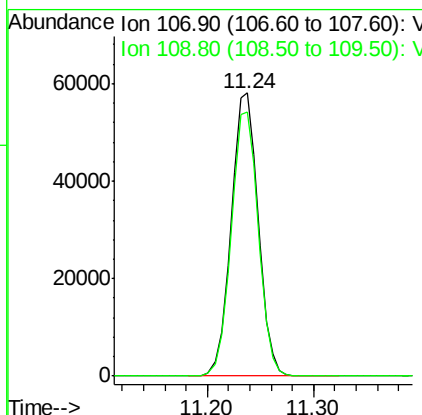
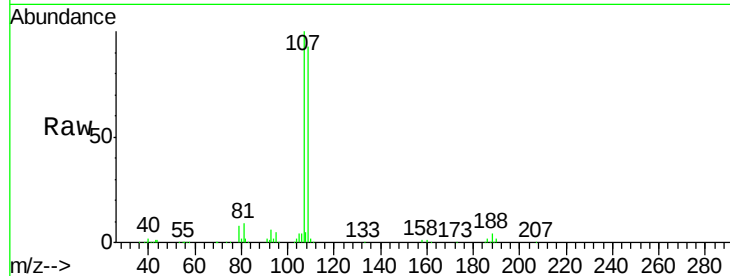
#61
 1,2-Dibromoethane
 Concen: 48.481 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.8	113.8

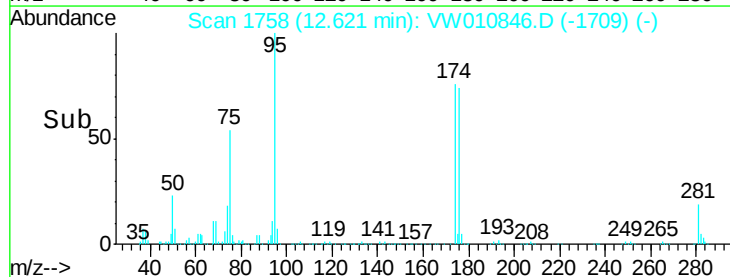
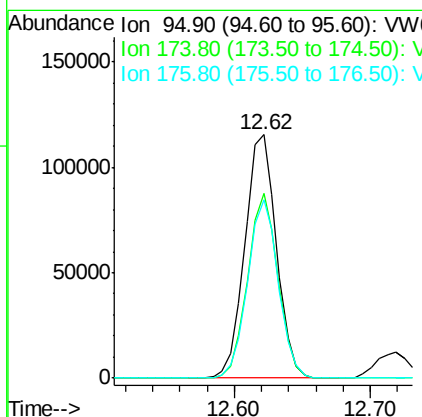
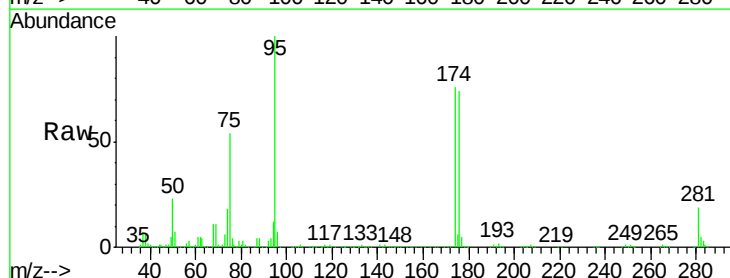
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#62
 4-Bromofluorobenzene
 Concen: 47.437 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	150.4
176	71.5	0.0	144.8





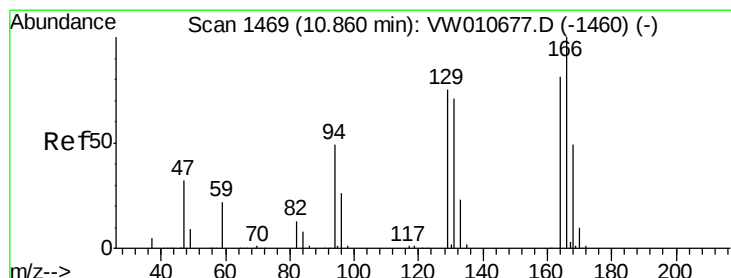
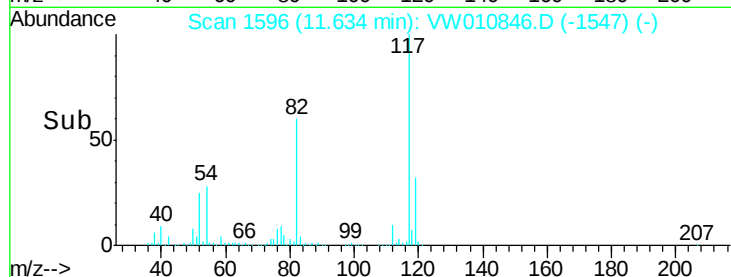
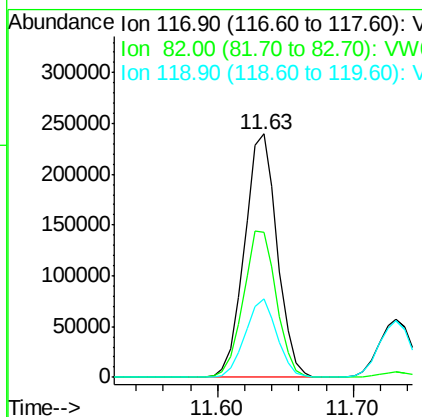
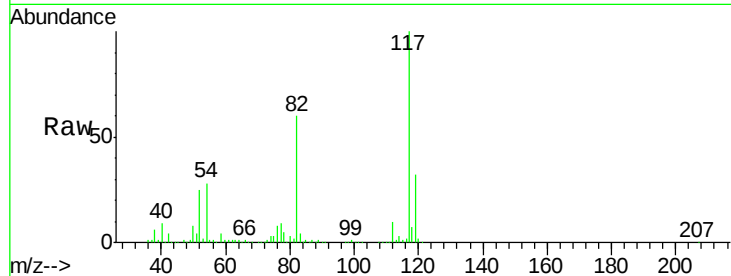
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	400407		
82	59.7	47.0	70.4	
119	32.3	25.1	37.7	

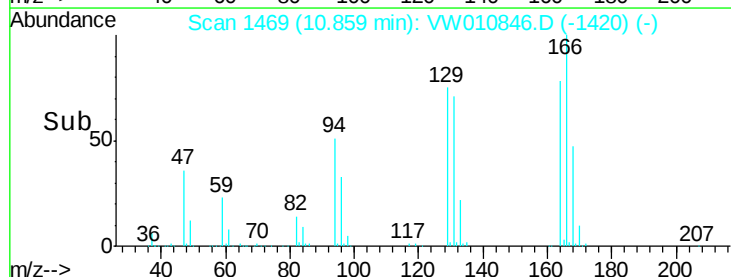
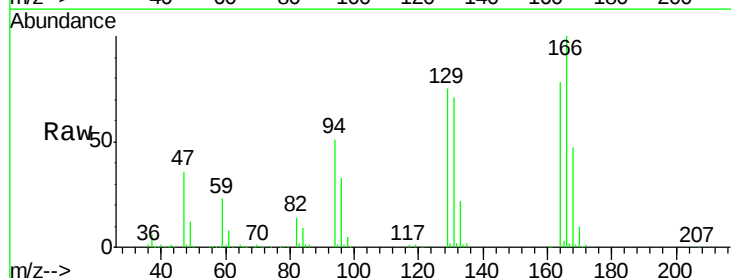
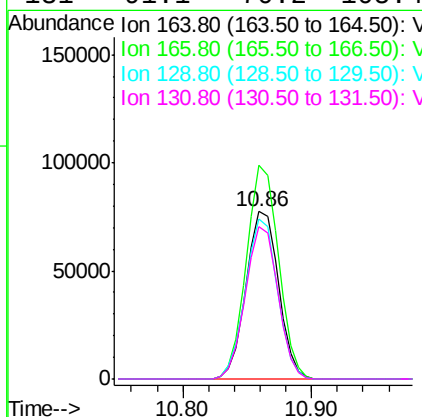
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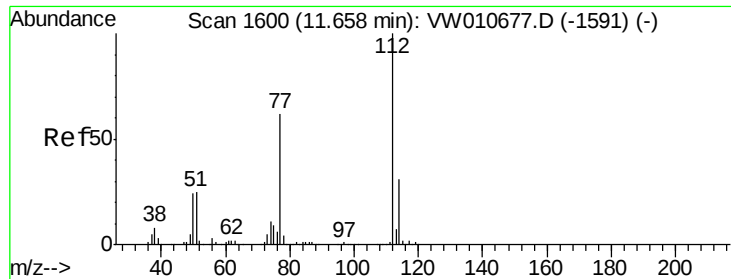
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#64
Tetrachloroethene
Concen: 50.796 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	135044		
166	127.5	99.2	148.8	
129	95.5	74.6	112.0	
131	91.1	70.2	105.4	





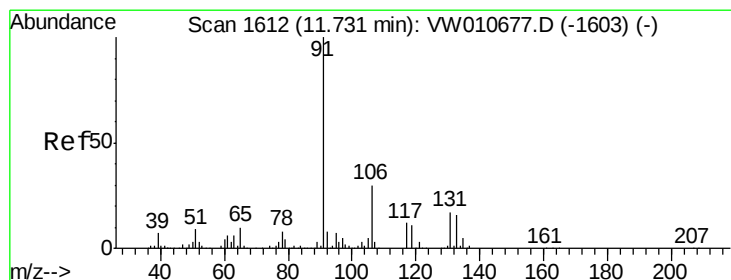
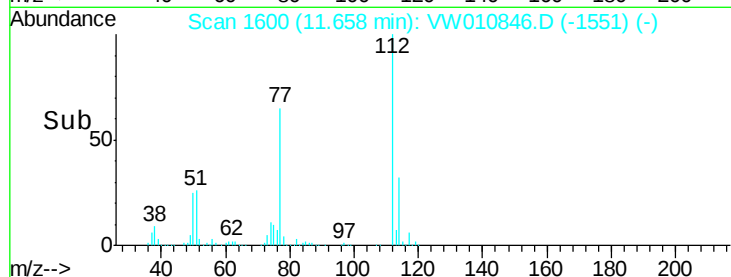
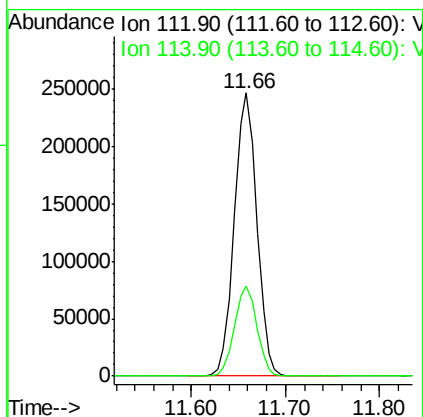
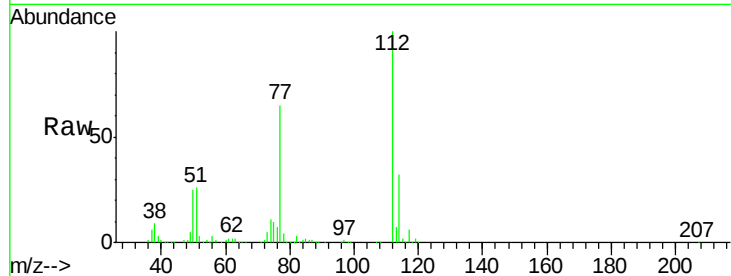
#65
Chlorobenzene
Concen: 52.034 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 409715
Ion Ratio Lower Upper
112 100
114 31.9 24.8 37.2

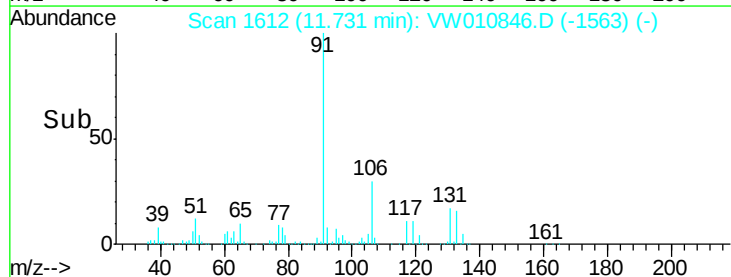
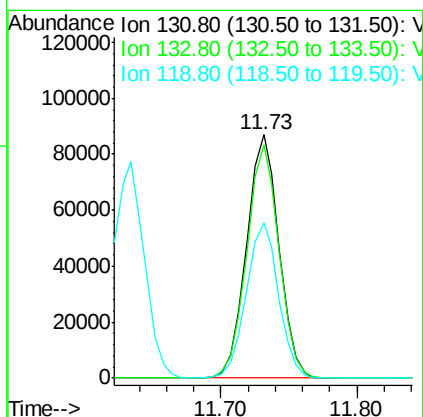
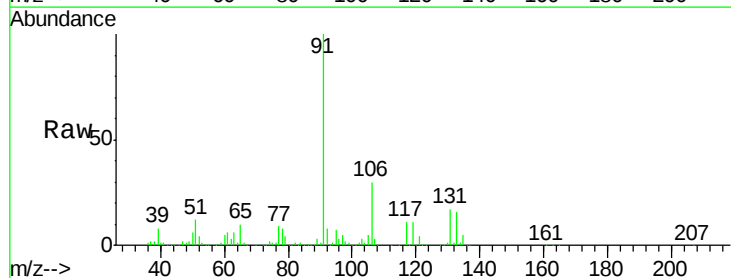
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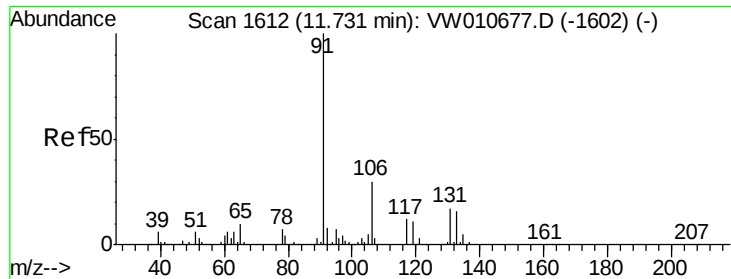
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.183 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion:131 Resp: 144961
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.9
119 63.7 32.4 97.0





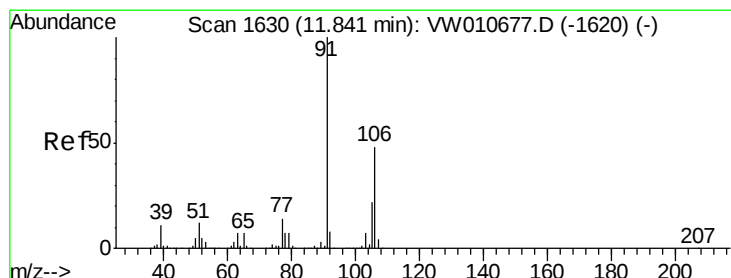
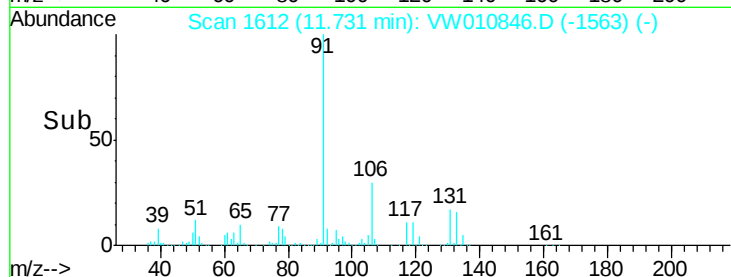
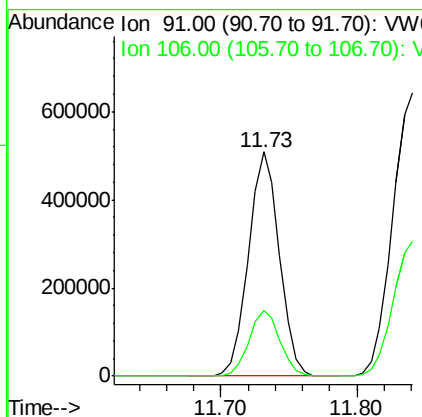
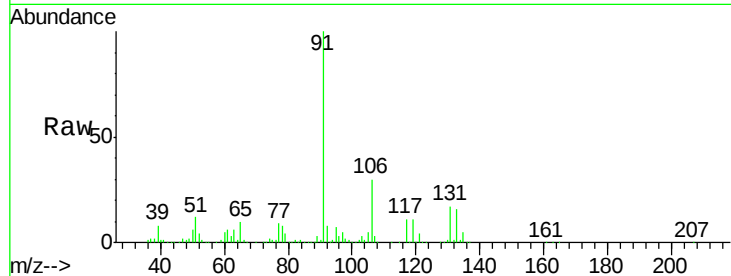
#67
Ethyl Benzene
Concen: 53.414 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 808294
Ion Ratio Lower Upper
91 100
106 29.5 24.2 36.4

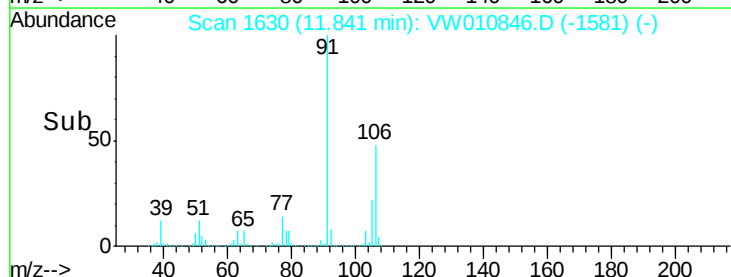
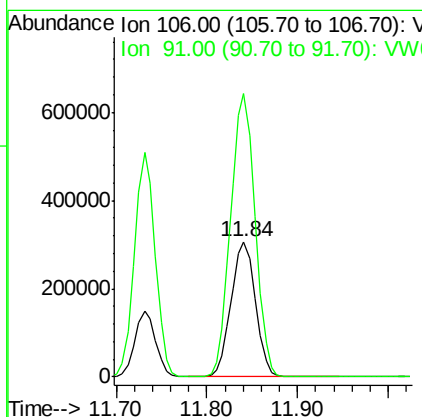
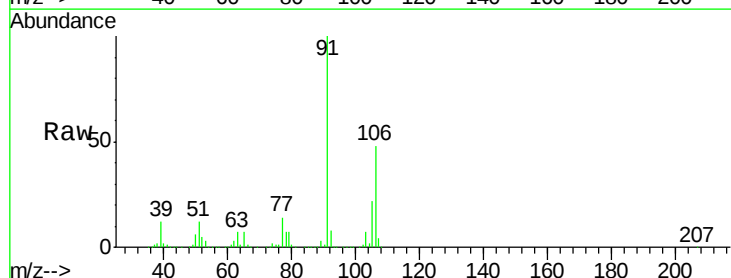
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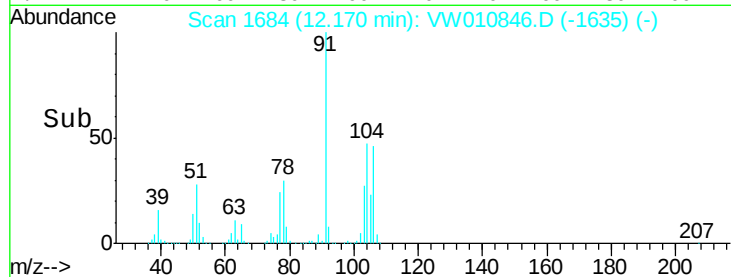
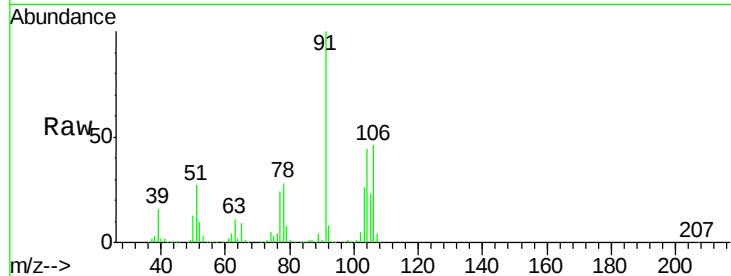
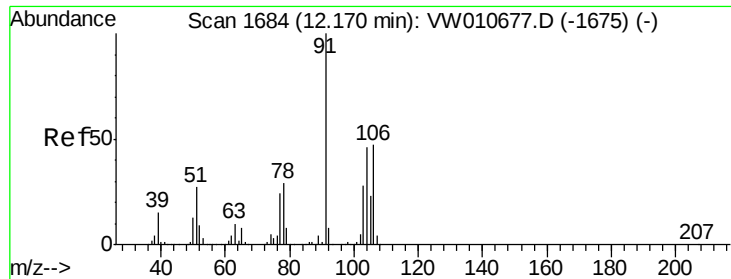
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#68
m/p-Xylenes
Concen: 105.300 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion: 106 Resp: 570415
Ion Ratio Lower Upper
106 100
91 210.9 166.5 249.7





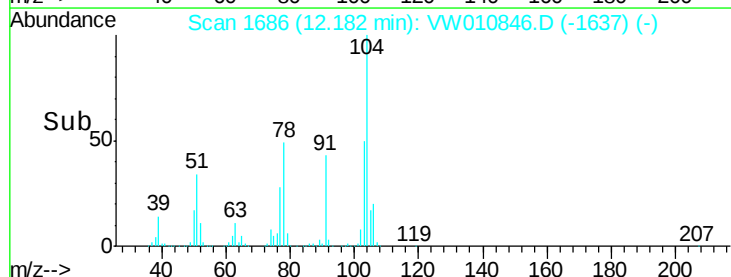
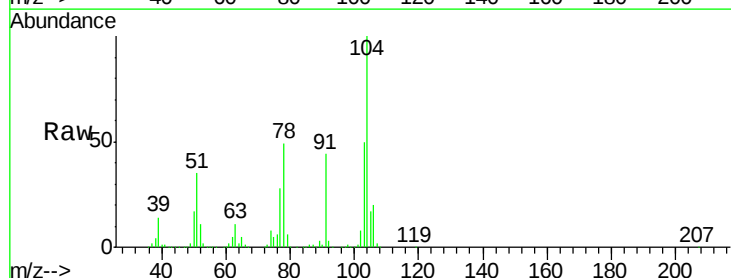
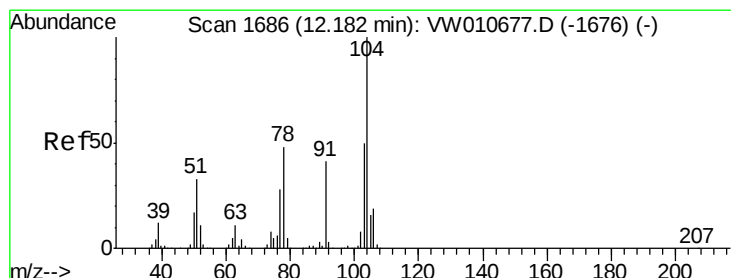
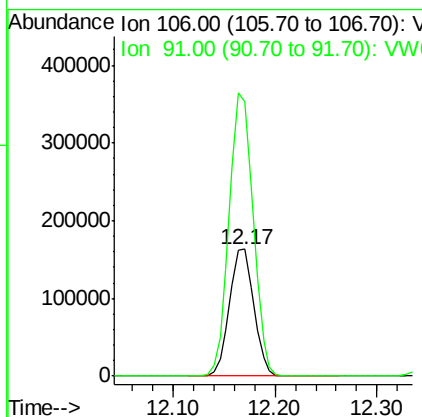
#69
o-Xylene
Concen: 52.368 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tot Ion:106 Resp: 269050
Ion Ratio Lower Upper
106 100
91 220.9 108.9 326.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

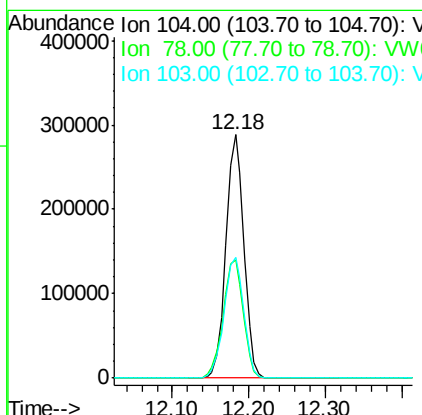
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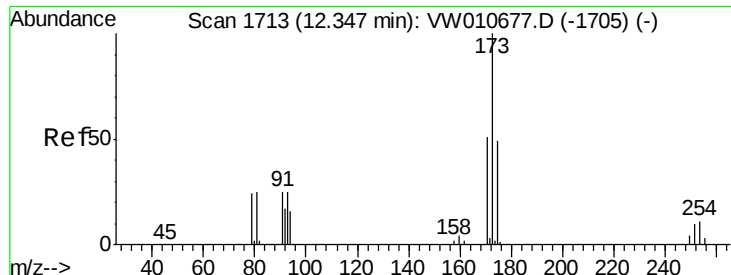
MMDadoda
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#70
Styrene
Concen: 52.348 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion:104 Resp: 467196
Ion Ratio Lower Upper
104 100
78 54.6 42.7 64.1
103 54.5 43.6 65.4





#71

Bromoform

Concen: 49.392 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 69627

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

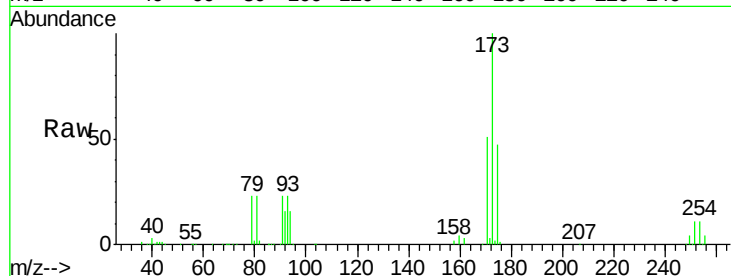
254 0.1 0.1 0.1

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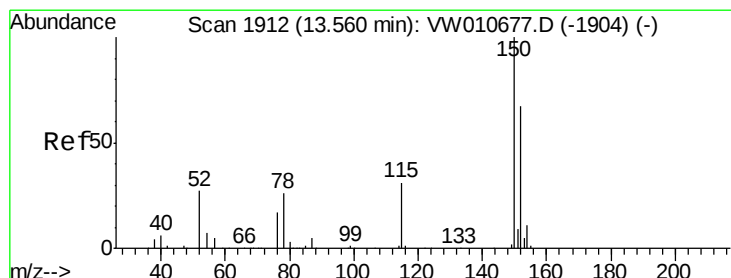
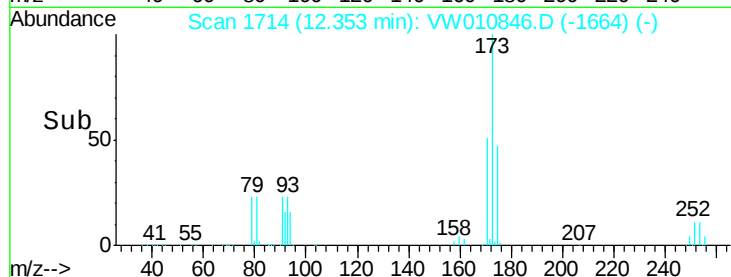
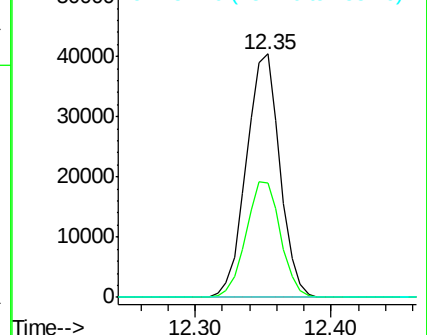
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

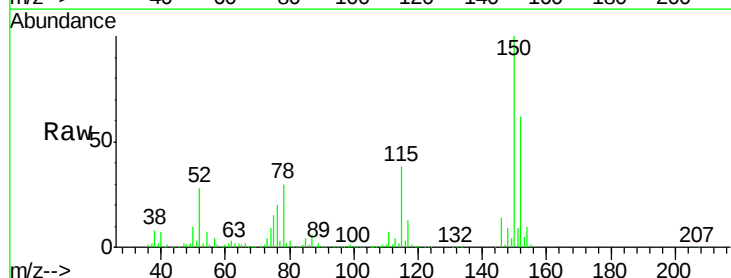
Tgt Ion:152 Resp: 188267

Ion Ratio Lower Upper

152 100

115 60.9 29.8 89.3

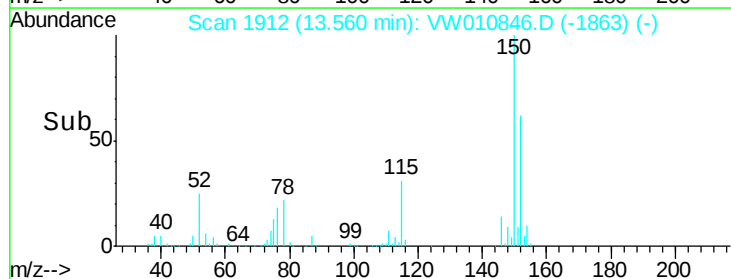
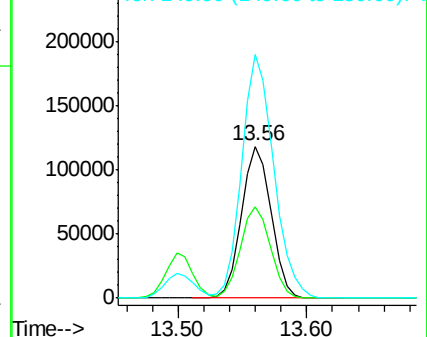
150 173.6 0.0 345.0

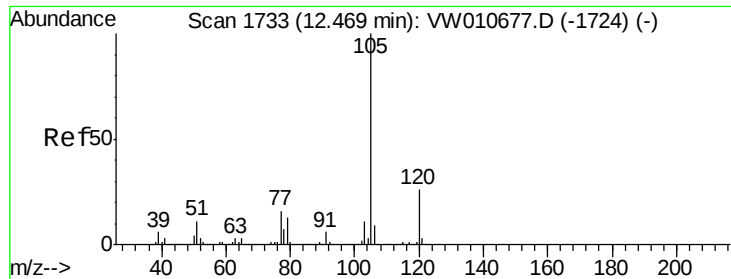


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.631 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 772890

Ion Ratio Lower Upper

105 100

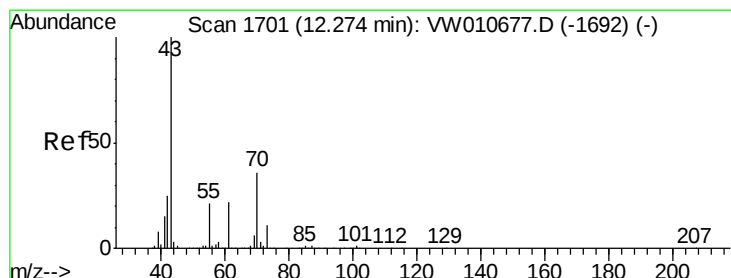
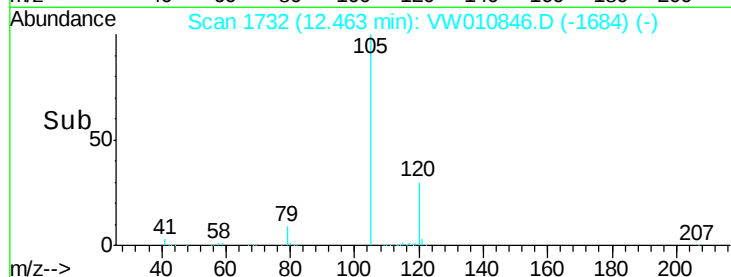
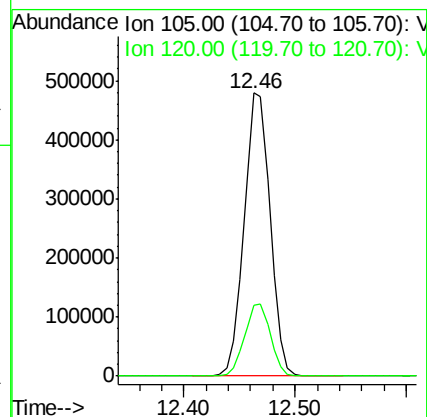
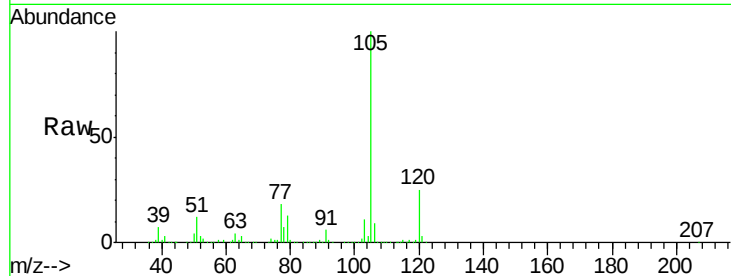
120 25.5 13.1 39.1

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#74

N-ethyl acetate

Concen: 49.254 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Tgt Ion: 43 Resp: 225205

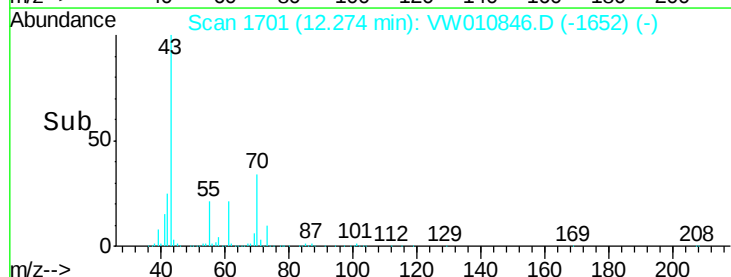
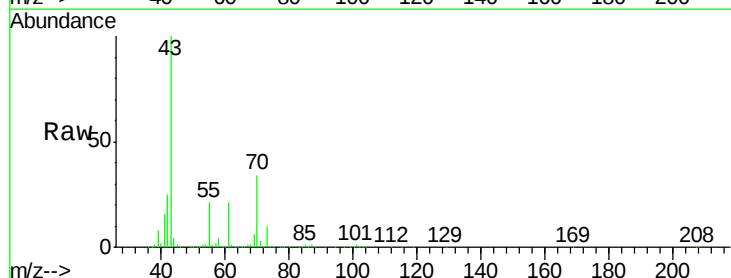
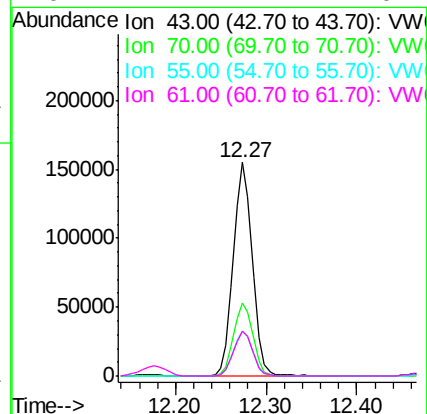
Ion Ratio Lower Upper

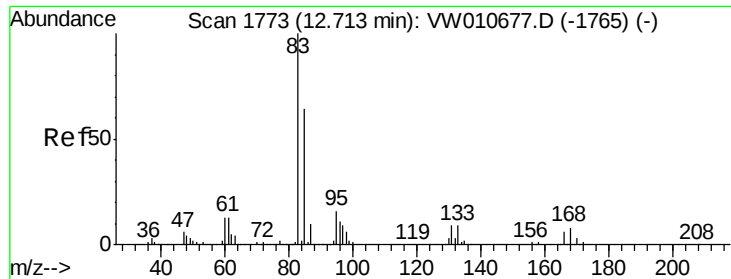
43 100

70 34.9 29.2 43.8

55 21.4 17.5 26.3

61 21.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.572 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

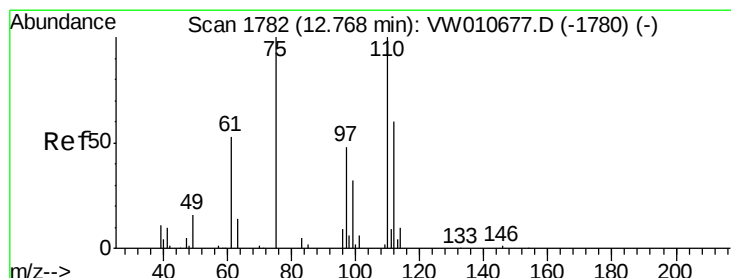
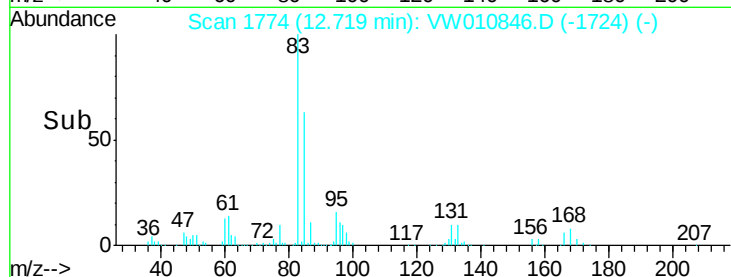
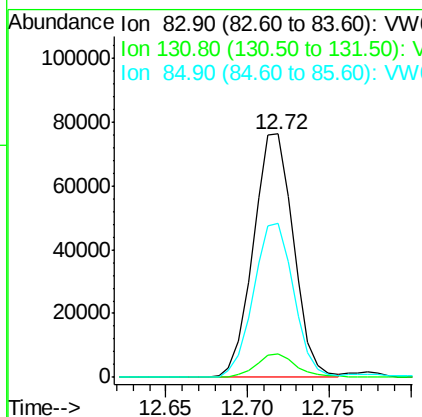
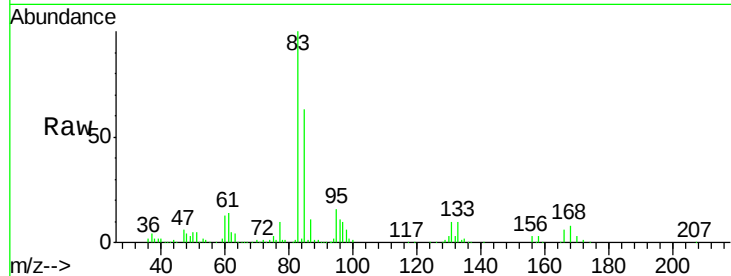
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	130819
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	63.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.930 ug/l m

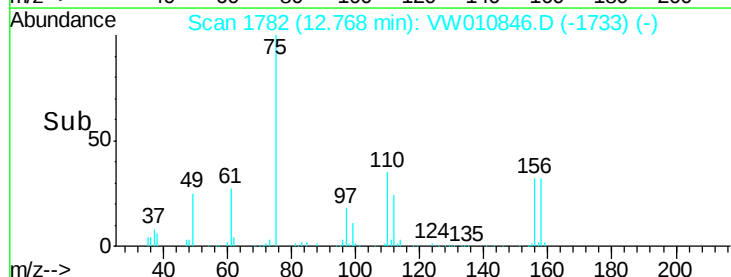
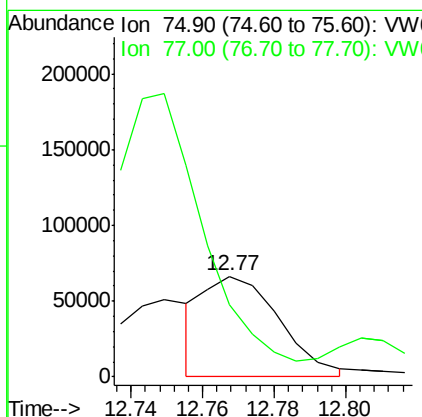
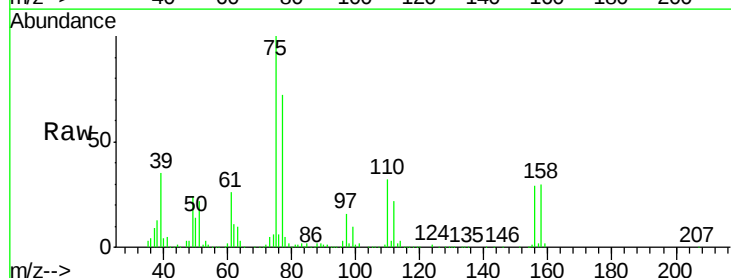
RT: 12.77 min Scan# 1782

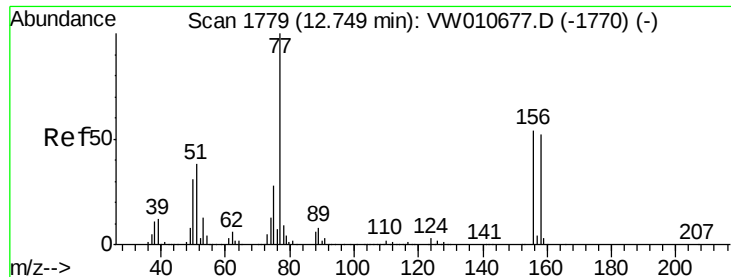
Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Tgt Ion:	75	Resp:	96738
Ion Ratio	Lower	Upper	
75	100		
77	357.3	0.0	0.0#





#77

Bromobenzene

Concen: 51.746 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

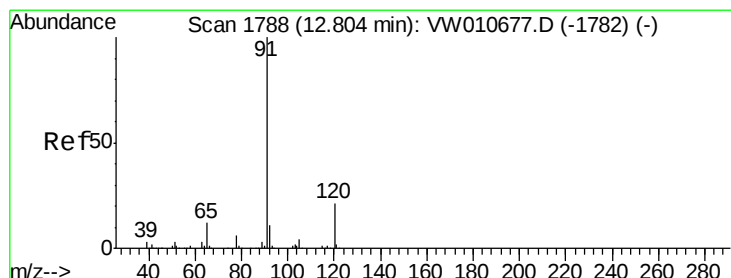
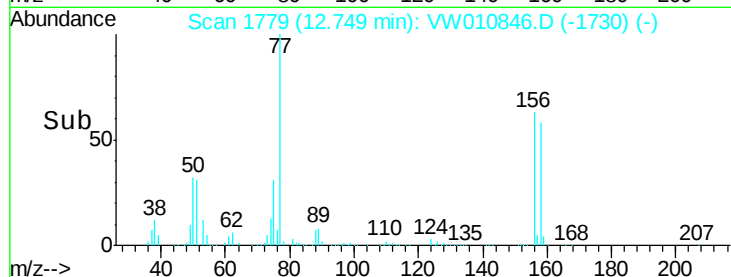
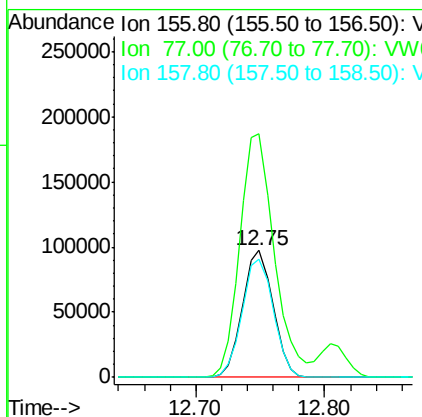
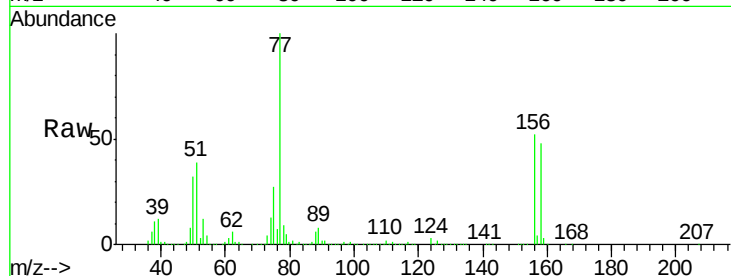
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	159800
Ion Ratio	Lower	Upper	
156	100		
77	216.3	106.5	319.4
158	95.6	48.3	144.9

Manual Integrations
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#78

n-propylbenzene

Concen: 54.660 ug/l

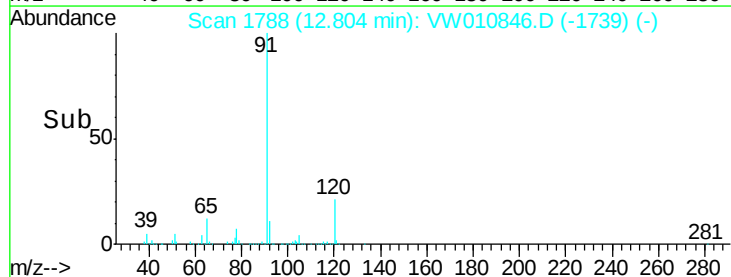
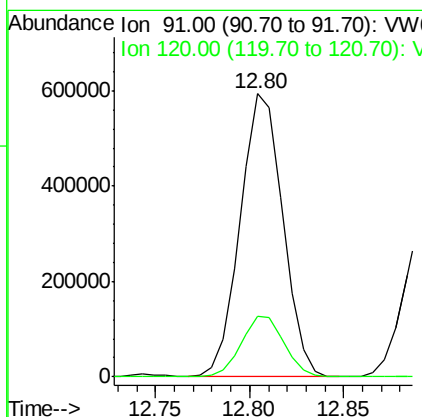
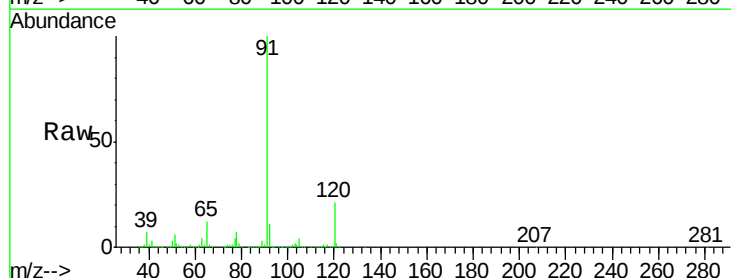
RT: 12.80 min Scan# 1788

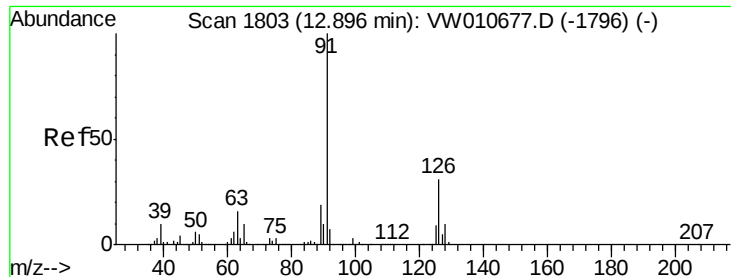
Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Tgt Ion:	91	Resp:	932451
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.8	32.4





#79

2-Chlorotoluene

Concen: 53.883 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 525151

Ion Ratio Lower Upper

91 100

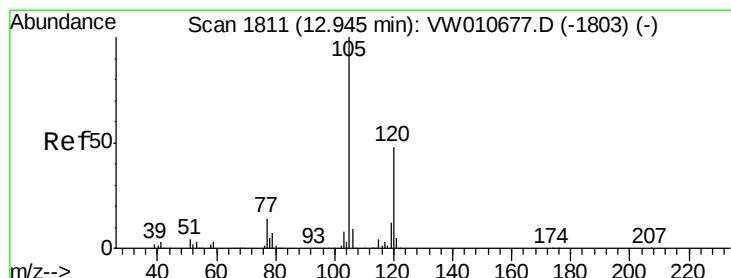
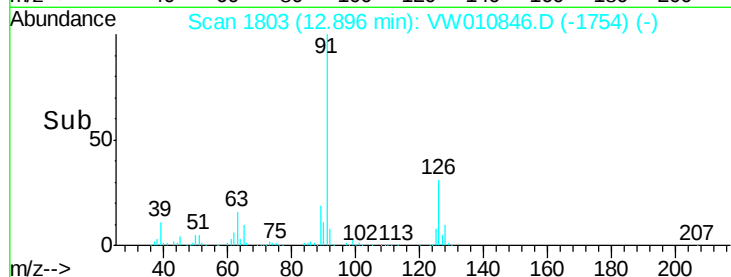
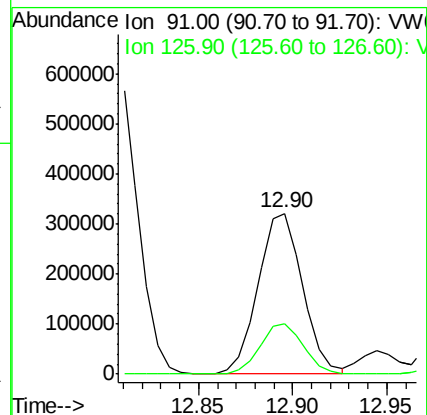
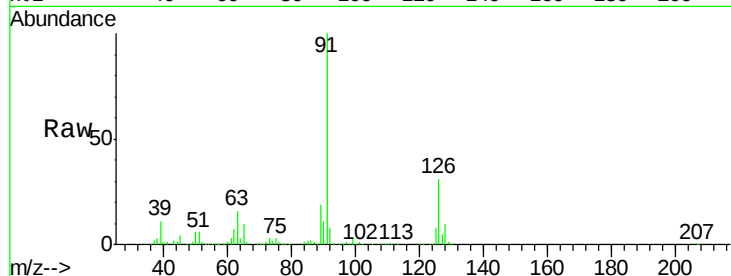
126 30.7 15.7 47.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.836 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010846.D

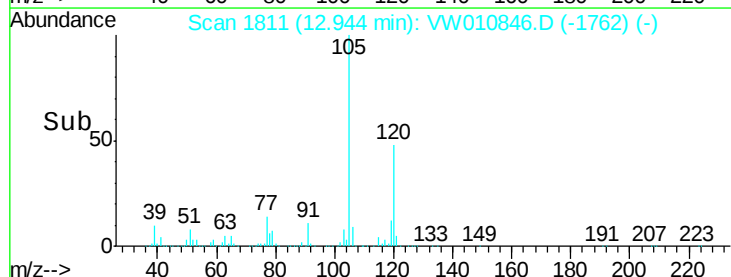
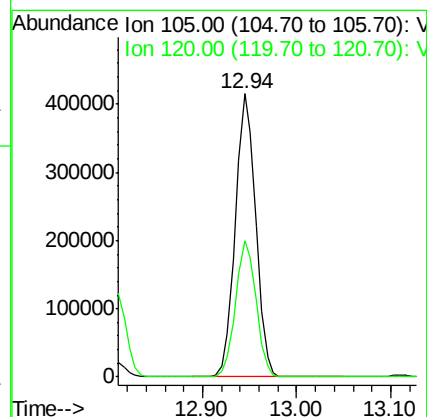
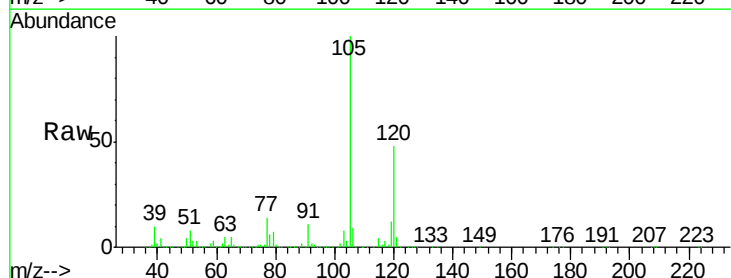
Acq: 19 Jun 2019 11:43

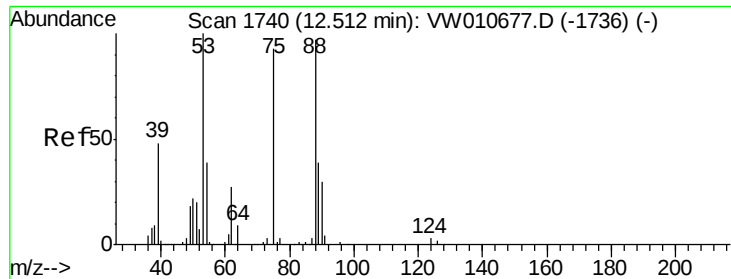
Tgt Ion: 105 Resp: 623417

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.835 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Instrument :

MSVOA_W

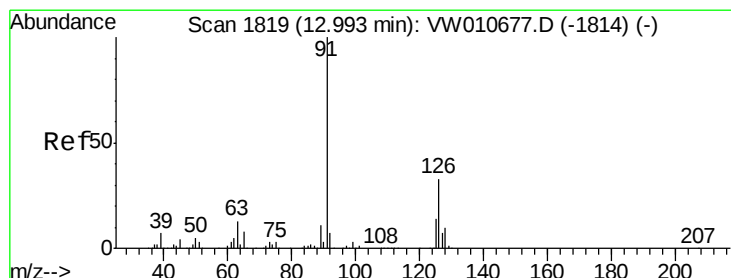
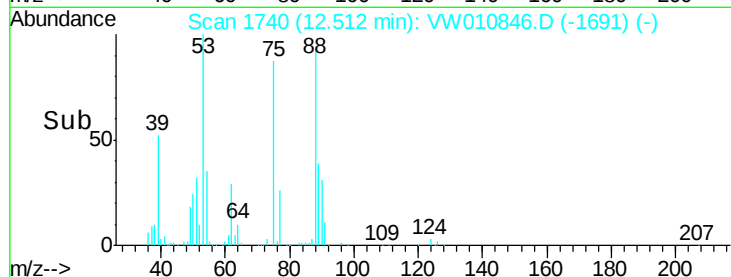
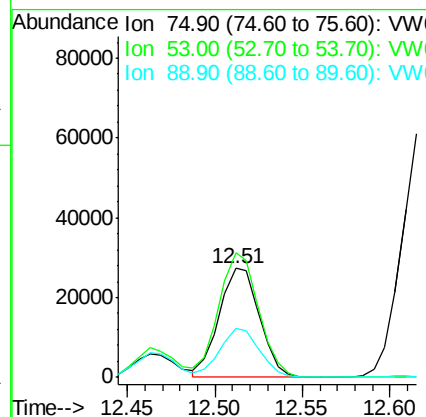
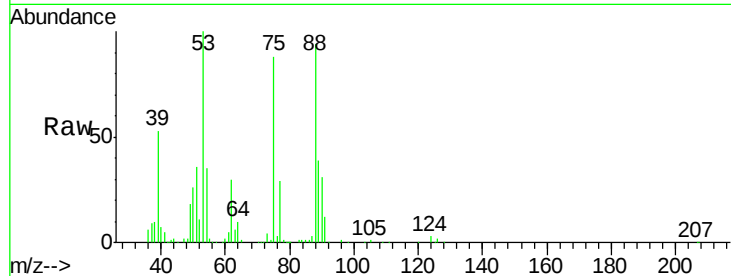
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	43729
Ion	Ratio	Lower	Upper
75	100		
53	112.9	90.1	135.1
89	44.4	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.650 ug/l

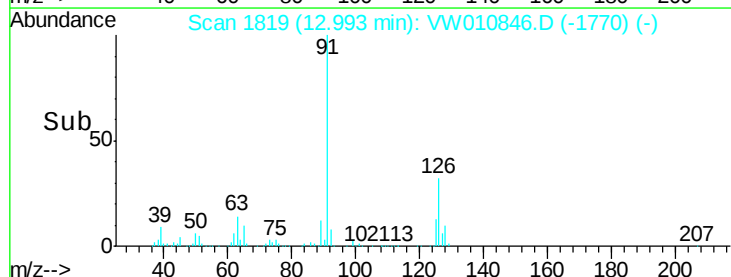
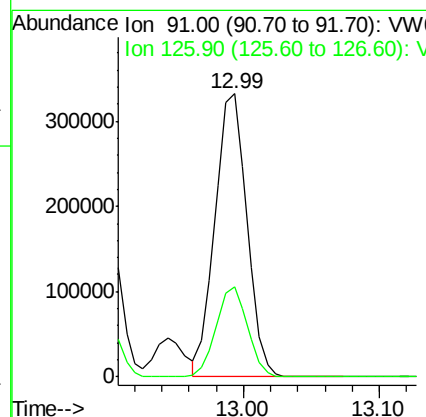
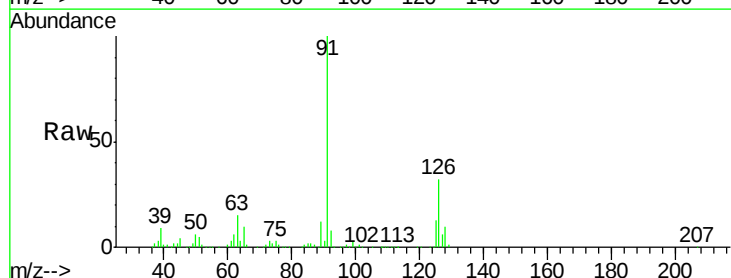
RT: 12.99 min Scan# 1819

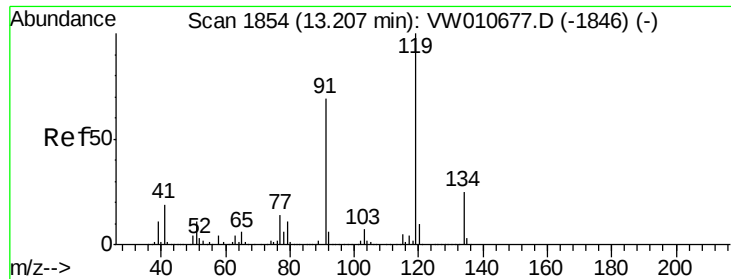
Delta R.T. -0.00 min

Lab File: VW010846.D

Acq: 19 Jun 2019 11:43

Tgt Ion:	91	Resp:	539592
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.9	47.7





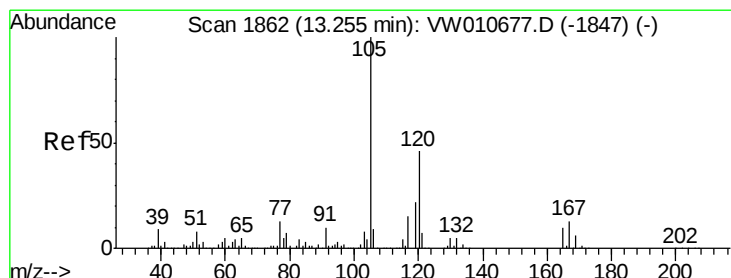
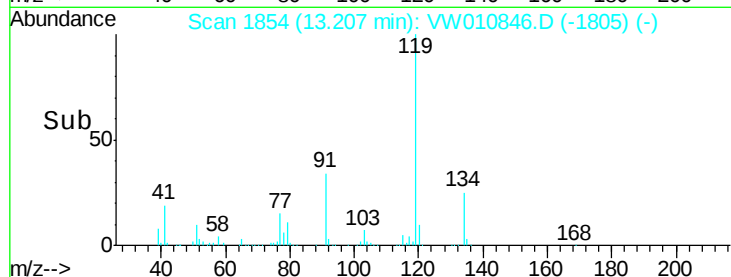
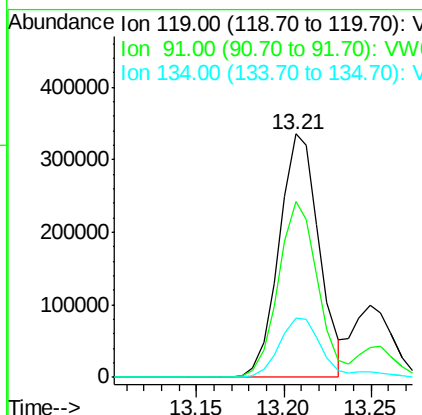
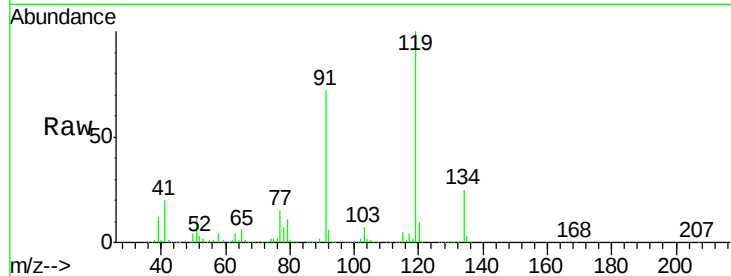
#83
 tert-Butylbenzene
 Concen: 54.416 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.3	35.1	105.3
134	27.1	13.6	40.7

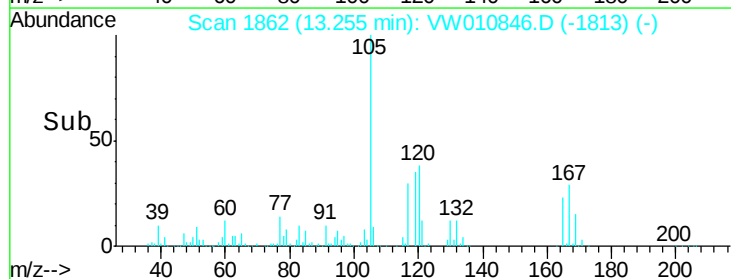
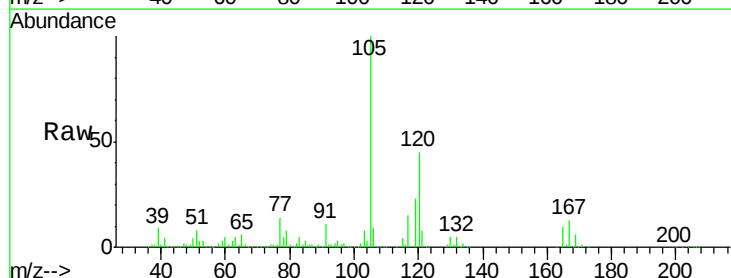
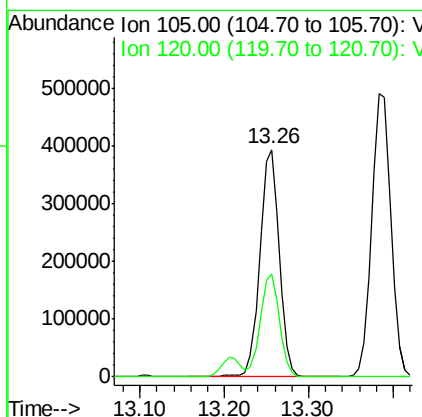
Manual Integrations
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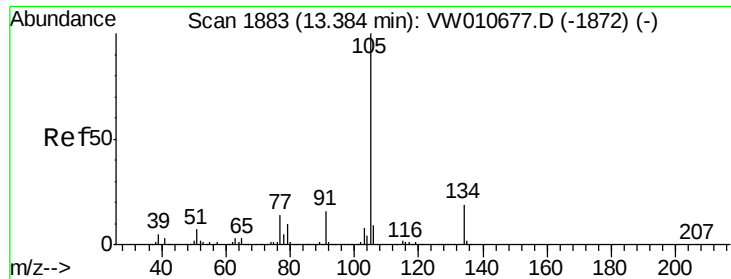
MMDadoda
 6/20/2019 12:00:07 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 53.212 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.5	67.5





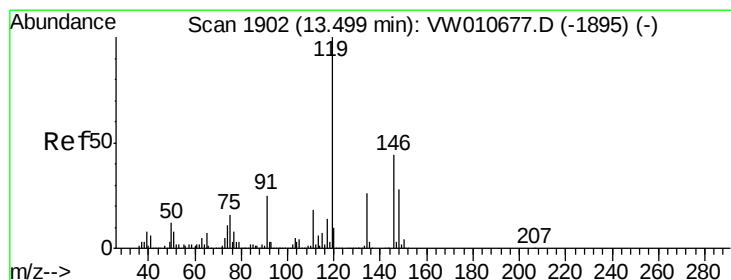
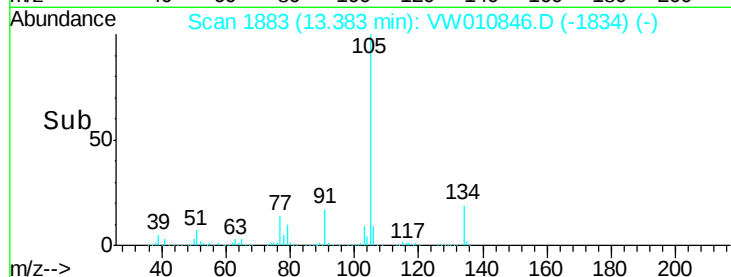
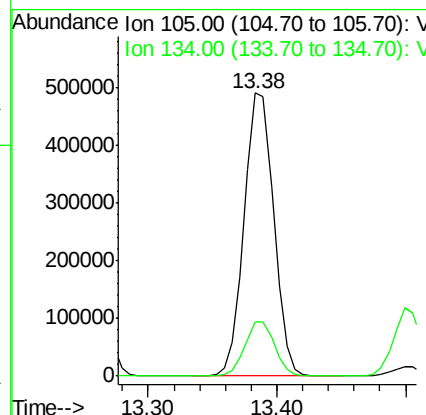
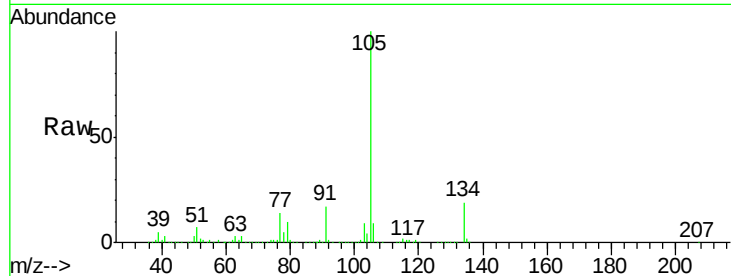
#85
 sec-Butylbenzene
 Concen: 54.561 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

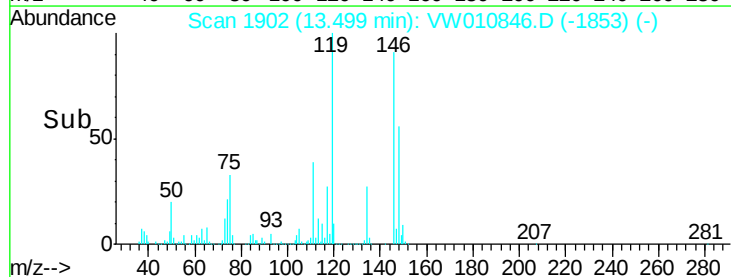
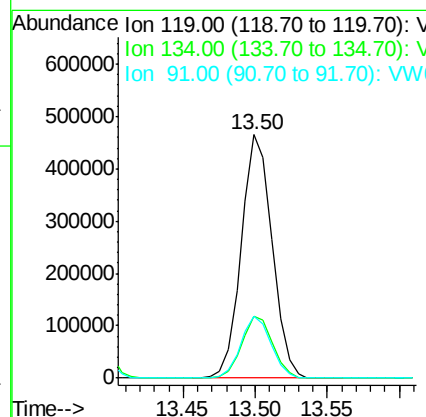
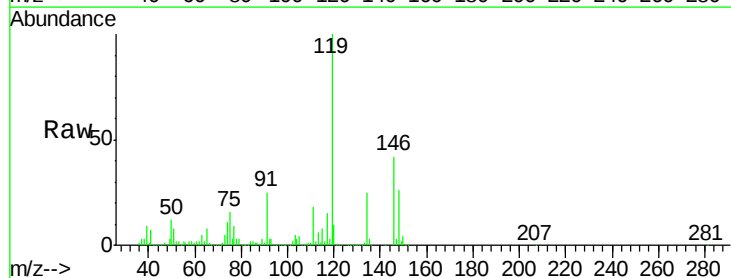
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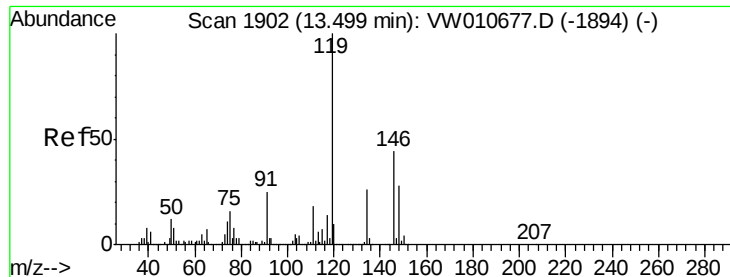
MMDadoda
 6/20/2019 12:00:07 PM



#86
 p-Isopropyltoluene
 Concen: 53.817 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.0	39.0
91	25.1	12.2	36.4





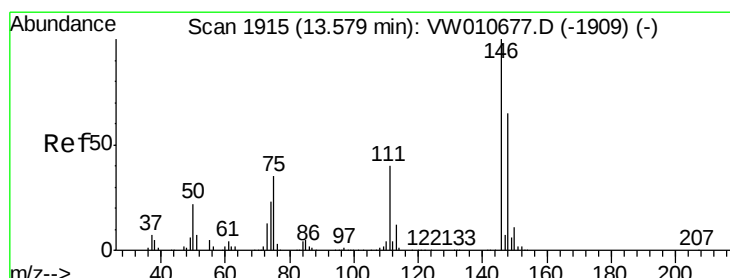
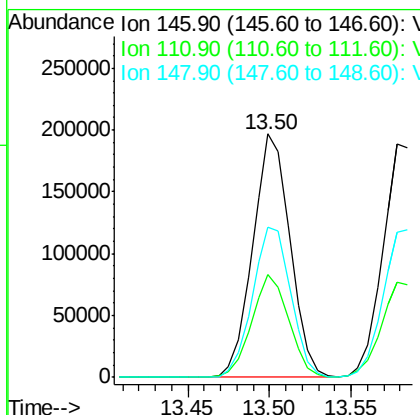
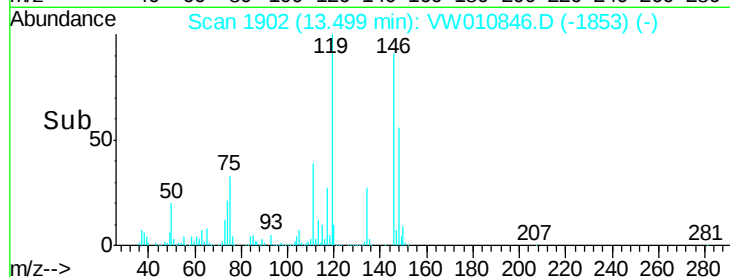
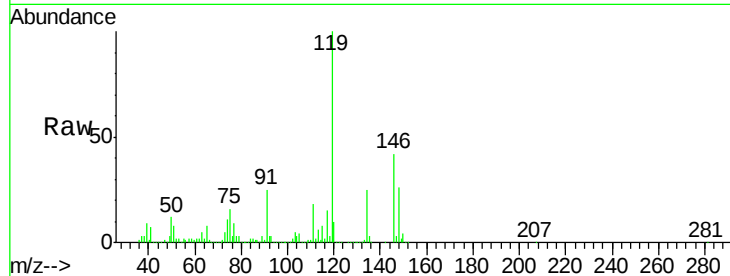
#87
 1,3-Dichlorobenzene
 Concen: 52.591 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.4	61.3
148	63.6	31.5	94.5

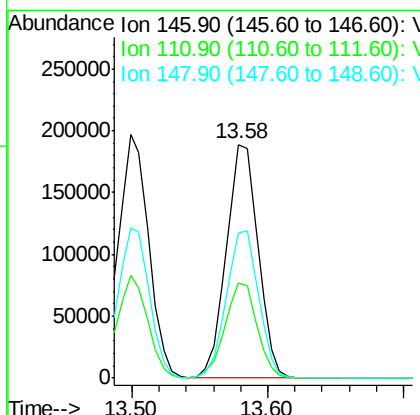
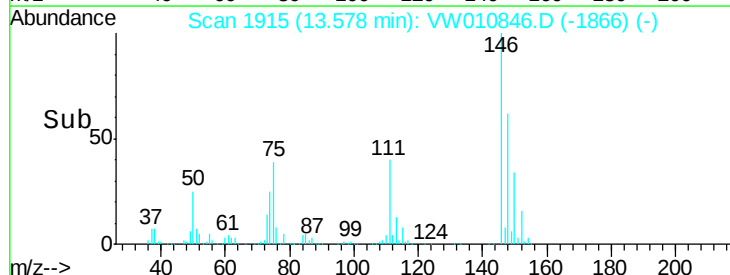
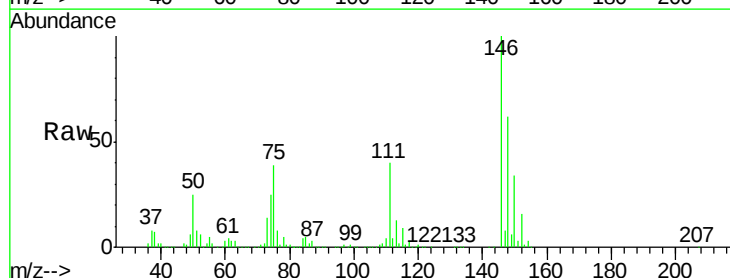
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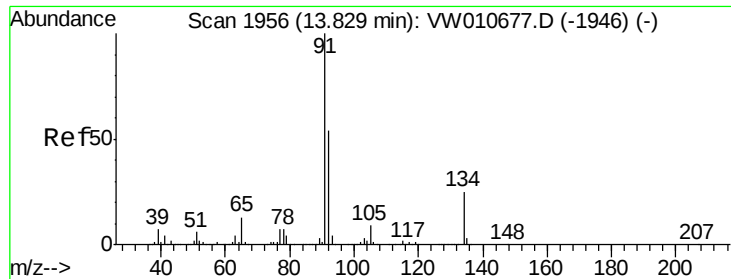
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 52.128 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.9
148	63.8	32.4	97.2





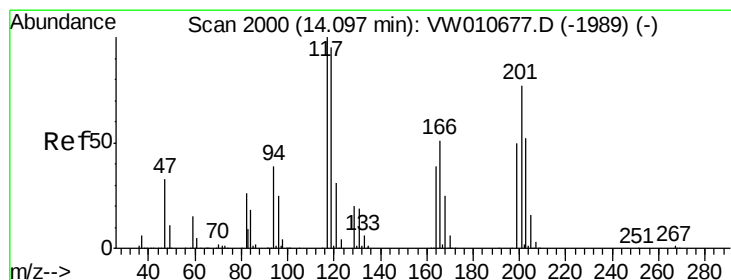
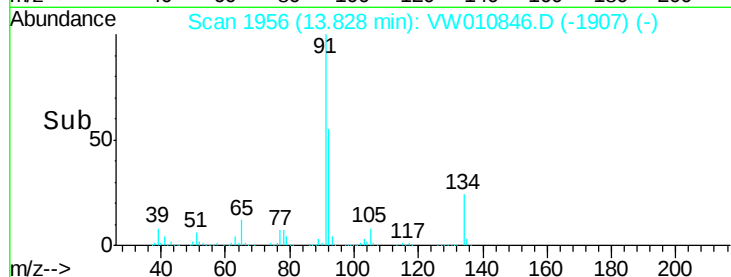
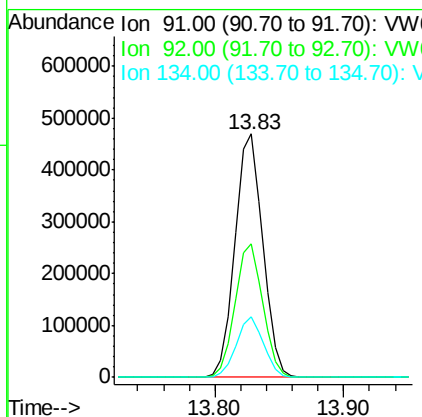
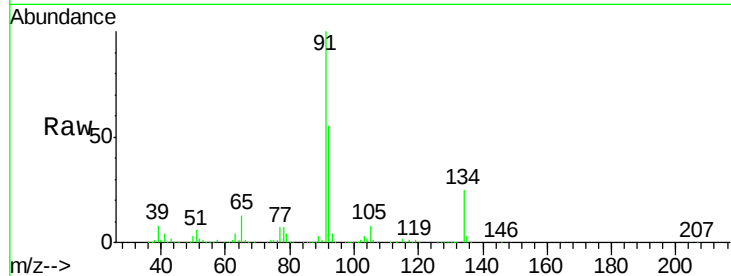
#89
n-Butylbenzene
Concen: 55.190 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.3	81.8
134	24.2	12.3	36.9

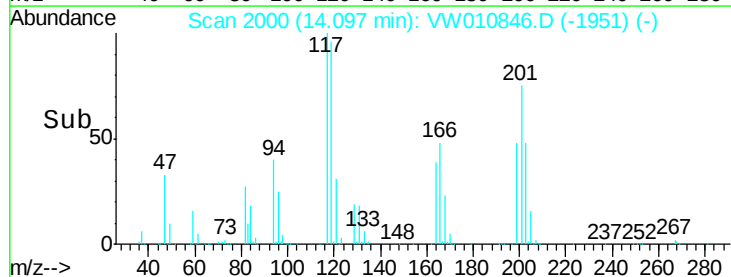
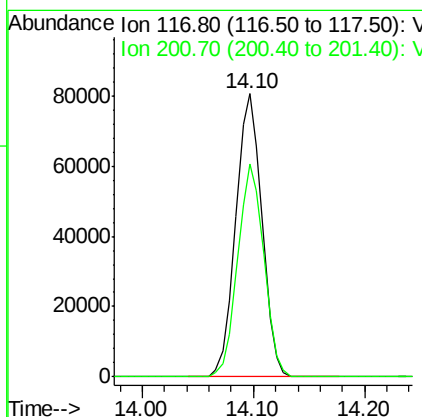
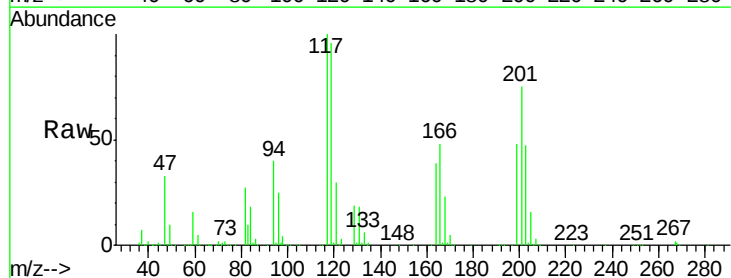
Manual Integrations
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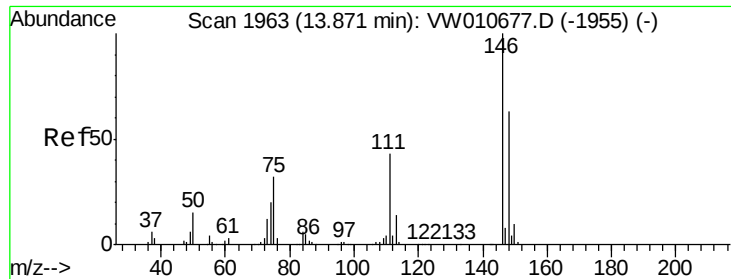
MMDadoda
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#90
Hexachloroethane
Concen: 57.071 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.2	38.8	116.4





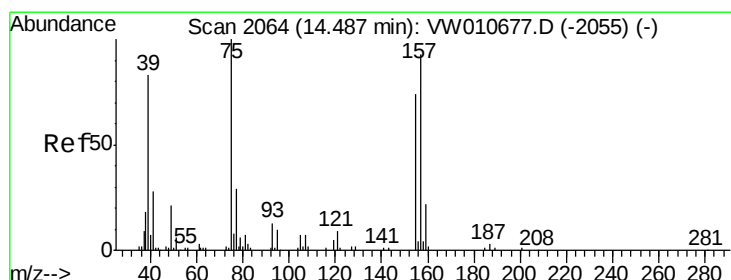
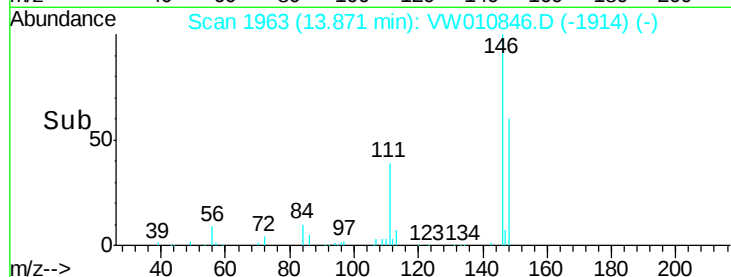
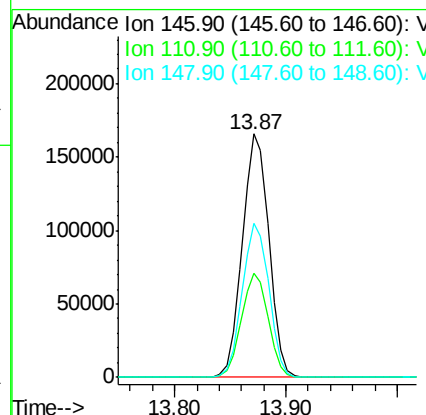
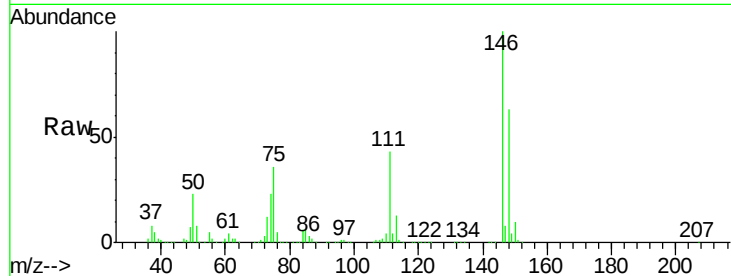
#91
 1,2-Dichlorobenzene
 Concen: 51.027 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.5	64.5
148	63.6	31.9	95.5

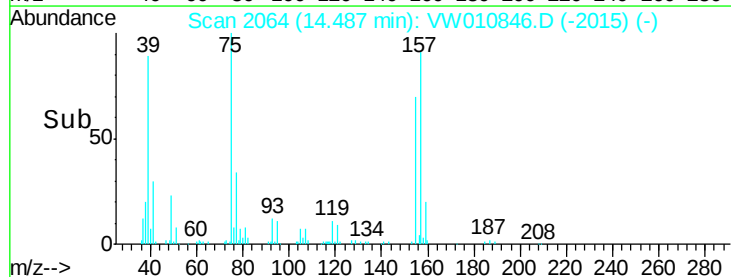
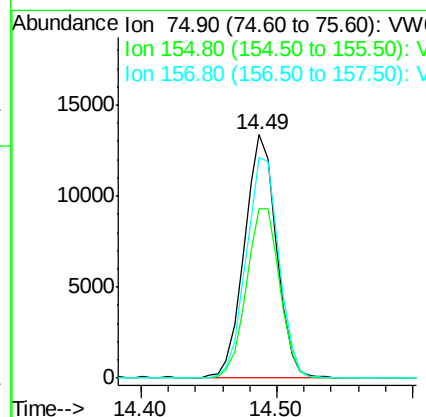
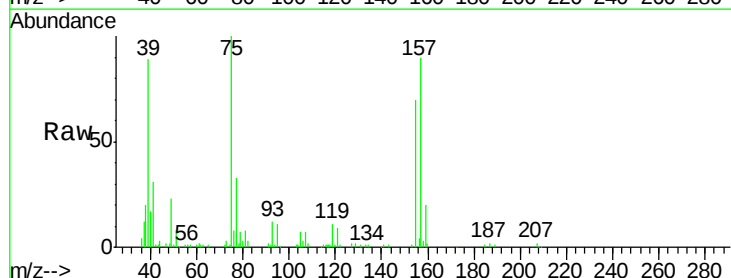
Manual Integrations
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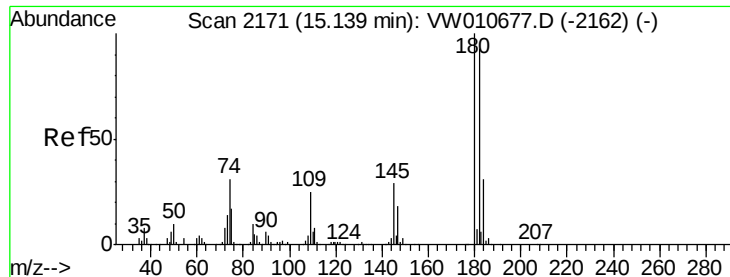
MMDadoda
 6/20/2019 12:00:07 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.728 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.2	38.8	116.4
157	92.6	48.4	145.0





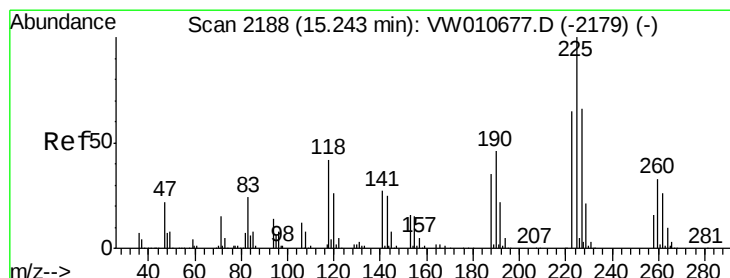
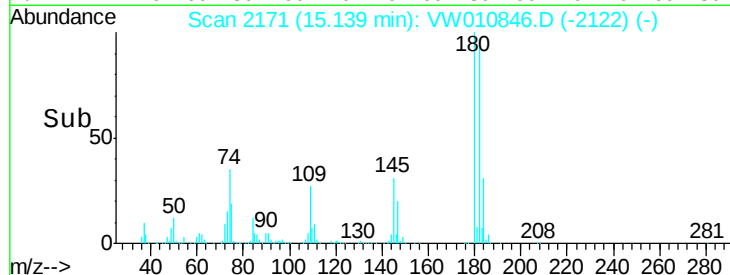
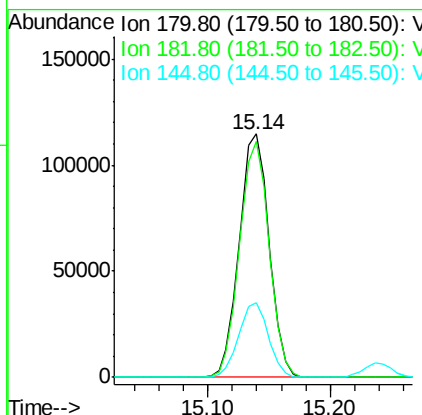
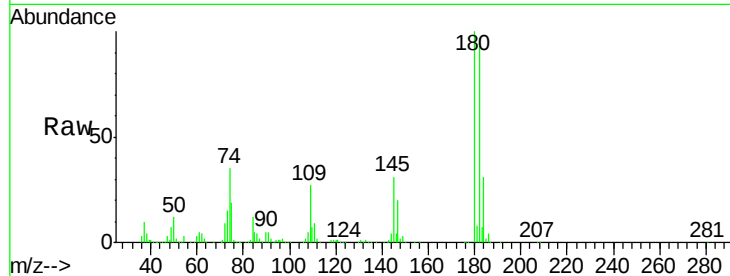
#93
 1,2,4-Trichlorobenzene
 Concen: 51.798 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	194675		
182	95.4	47.1	141.4	
145	30.6	15.2	45.5	

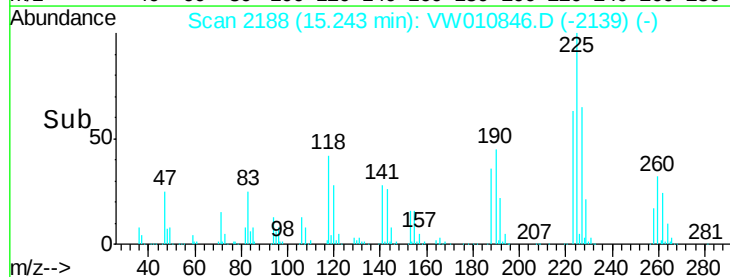
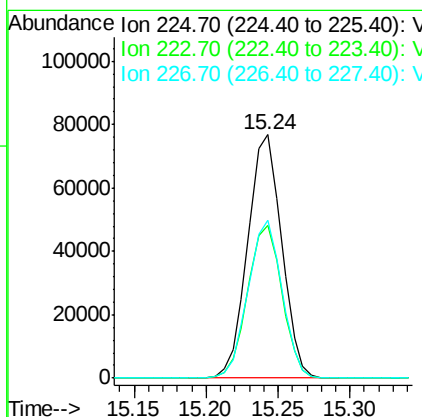
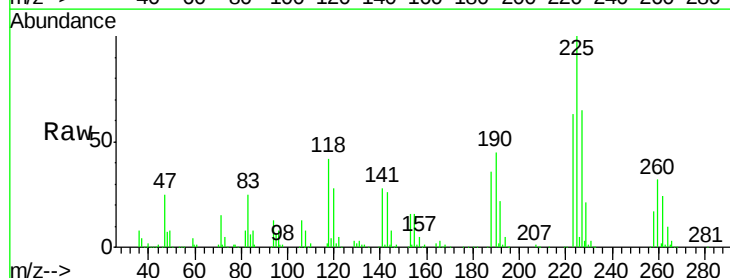
Manual Integrations
 APPROVED

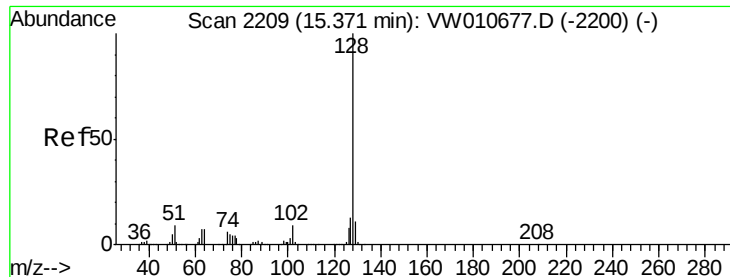
MMDadoda
 6/20/2019 12:00:07 PM



#94
 Hexachlorobutadiene
 Concen: 53.098 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010846.D
 Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125247		
223	63.5	32.2	96.6	
227	64.6	32.0	96.0	





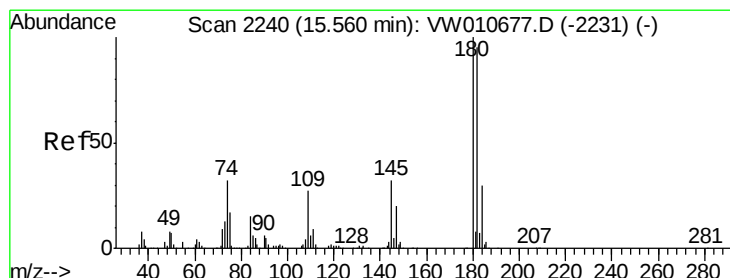
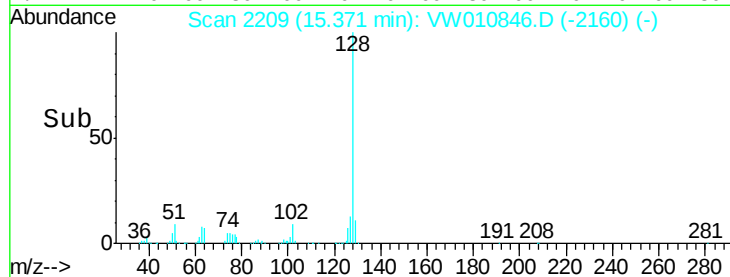
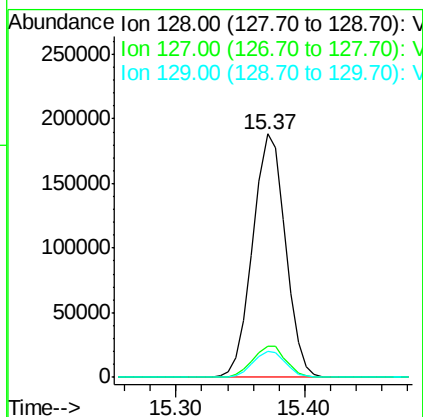
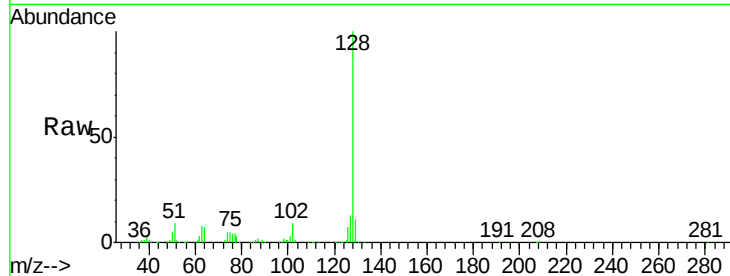
#95
Naphthalene
Concen: 48.445 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/20/2019 12:00:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.192 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010846.D
Acq: 19 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.0	141.0
145	31.3	16.1	48.3

