

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007281.D
 Acq On : 06 Dec 2018 16:12
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 12/7/2018 12:19:53 PM

Quant Time: Dec 06 16:57:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	101343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	155573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	141605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	47266	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	7.88	113	45964	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.32	98	207466	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.62	95	72325	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	52060	46.953	ug/l	99
3) Chloromethane	2.21	50	58394	41.587	ug/l	98
4) Vinyl Chloride	2.36	62	43364	49.325	ug/l	99
5) Bromomethane	2.76	94	26421	59.974	ug/l	94
6) Chloroethane	2.92	64	23804	48.257	ug/l	99
7) Trichlorofluoromethane	3.26	101	86429	50.425	ug/l	97
8) Diethyl Ether	3.69	74	22250	46.570	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50740	49.005	ug/l	97
10) Methyl Iodide	4.27	142	42283	47.938	ug/l	99
11) Tert butyl alcohol	5.17	59	16746	180.688	ug/l	95
12) 1,1-Dichloroethene	4.04	96	47229	48.673	ug/l	94
13) Acrolein	3.89	56	14579	220.514	ug/l	99
14) Allyl chloride	4.67	41	72868	46.850	ug/l	96
15) Acrylonitrile	5.37	53	45374	227.175	ug/l	99
16) Acetone	4.12	43	51395	230.090	ug/l	99
17) Carbon Disulfide	4.38	76	156832	49.033	ug/l	99
18) Methyl Acetate	4.67	43	21844	42.843	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	106956	46.817	ug/l	97
20) Methylene Chloride	4.92	84	56494	50.249	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	52966	48.886	ug/l	95
22) Diisopropyl ether	6.32	45	136820	49.003	ug/l	97
23) Vinyl Acetate	6.26	43	362077	237.661	ug/l	100
24) 1,1-Dichloroethane	6.22	63	87479	48.883	ug/l	99
25) 2-Butanone	7.17	43	57545	222.241	ug/l	93
26) 2,2-Dichloropropane	7.17	77	86810	50.479	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56683	48.803	ug/l	98
28) Bromochloromethane	7.51	49	29963	46.434	ug/l	100
29) Tetrahydrofuran	7.53	42	34023	212.633	ug/l	98
30) Chloroform	7.68	83	91576	49.238	ug/l	100
31) Cyclohexane	7.96	56	89496	47.797	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	90907	51.939	ug/l	100
36) 1,1-Dichloropropene	8.09	75	79579	52.571	ug/l	99
37) Ethyl Acetate	7.26	43	23504	42.925	ug/l	98
38) Carbon Tetrachloride	8.07	117	82054	53.108	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102182	50.425	ug/l	97
40) Benzene	8.32	78	213605	51.460	ug/l	100
41) Methacrylonitrile	7.48	41	13921	42.445	ug/l	94
42) 1,2-Dichloroethane	8.40	62	57024	49.155	ug/l	100
43) Isopropyl Acetate	8.43	43	49458	46.506	ug/l	99
44) Trichloroethene	9.09	130	61238	52.484	ug/l	97
45) 1,2-Dichloropropane	9.37	63	48813	50.534	ug/l	97
46) Dibromomethane	9.46	93	24635	49.080	ug/l	96
47) Bromodichloromethane	9.65	83	66583	50.430	ug/l	99
48) Methyl methacrylate	9.44	41	27147	49.184	ug/l	99
49) 1,4-Dioxane	9.45	88	8952	1020.954	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	126118	240.645	ug/l	98
52) Toluene	10.39	92	147663	51.140	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	64972	48.946	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	79098	50.846	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34415	48.203	ug/l	95
56) Ethyl methacrylate	10.65	69	44048	47.296	ug/l	97
57) 1,3-Dichloropropane	10.93	76	57915	48.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	90760	242.624	ug/l	99
59) 2-Hexanone	10.97	43	92252	242.822	ug/l	93
60) Dibromochloromethane	11.13	129	43426	49.489	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32137	46.930	ug/l	97
64) Tetrachloroethene	10.87	164	52351	50.601	ug/l	97
65) Chlorobenzene	11.66	112	155756	49.250	ug/l #	89
66) 1,1,1,2-Tetrachloroethane	11.73	131	48707	49.868	ug/l	97
67) Ethyl Benzene	11.73	91	284270	49.318	ug/l	97
68) m/p-Xylenes	11.84	106	221861	98.113	ug/l	95
69) o-Xylene	12.17	106	107411	50.841	ug/l	96
70) Styrene	12.18	104	172410	49.852	ug/l	97
71) Bromoform	12.35	173	23260	47.573	ug/l #	98
73) Isopropylbenzene	12.47	105	291702	53.862	ug/l	99
74) N-amyl acetate	12.27	43	46002	47.909	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	35294	50.179	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27911m	54.134	ug/l	
77) Bromobenzene	12.75	156	63638	54.438	ug/l	98
78) n-propylbenzene	12.81	91	343119	53.179	ug/l	98
79) 2-Chlorotoluene	12.90	91	199296	54.698	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	254258	54.879	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11471	47.953	ug/l	92
82) 4-Chlorotoluene	12.99	91	206792	53.350	ug/l	99
83) tert-Butylbenzene	13.21	119	222262	54.896	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	248092	52.458	ug/l	94
85) sec-Butylbenzene	13.39	105	324828	56.198	ug/l	96
86) p-Isopropyltoluene	13.51	119	279531	54.326	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	124718	51.970	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	129544	53.441	ug/l	99
89) n-Butylbenzene	13.83	91	260549	54.188	ug/l	98
90) Hexachloroethane	14.10	117	41951	53.502	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	110090	52.991	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6823	50.076	ug/l	99

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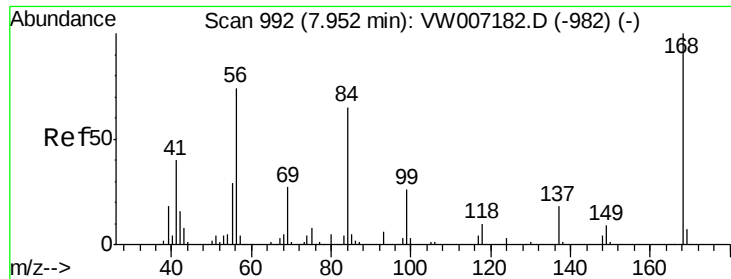
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	77226	53.639	ug/l	99
94) Hexachlorobutadiene	15.24	225	43929	56.581	ug/l	98
95) Naphthalene	15.38	128	130289	50.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	64392	53.040	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 101343

Ion Ratio Lower Upper

168 100

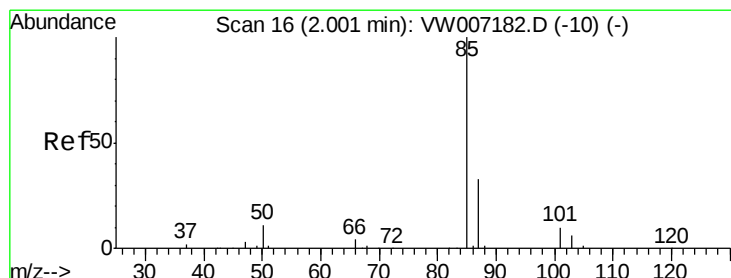
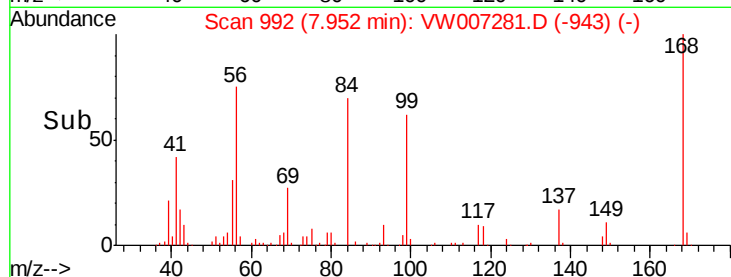
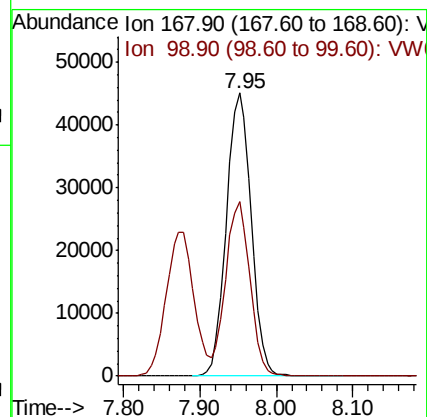
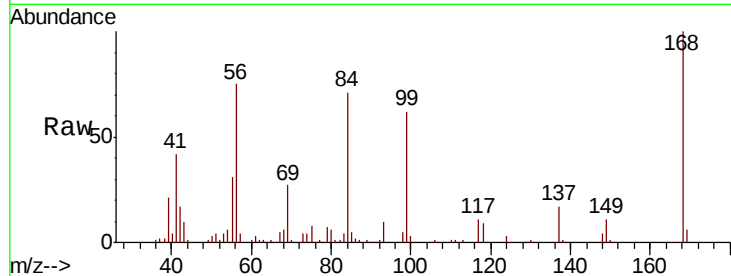
99 61.5 47.8 71.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 46.953 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007281.D

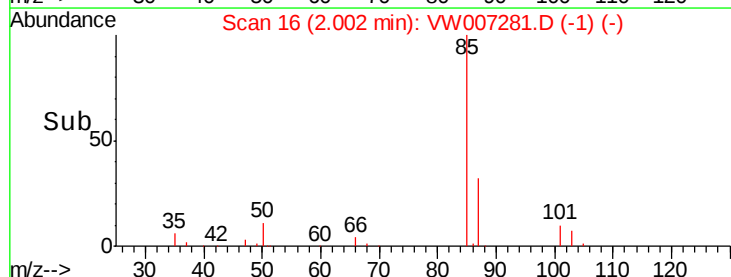
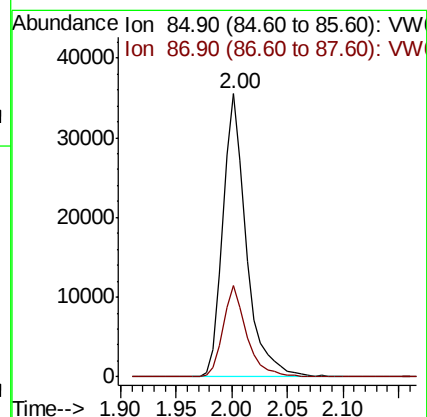
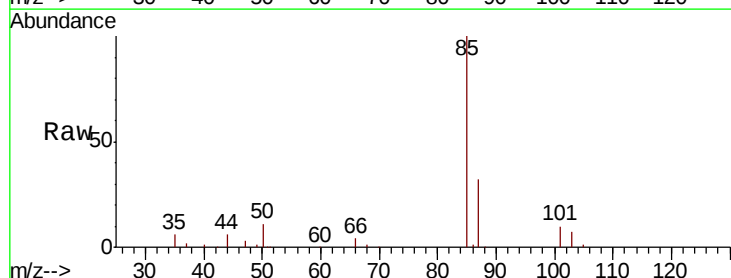
Acq: 06 Dec 2018 16:12

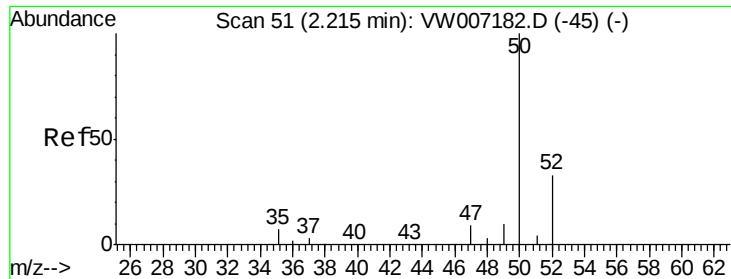
Tgt Ion: 85 Resp: 52060

Ion Ratio Lower Upper

85 100

87 32.4 16.5 49.5





#3

Chloromethane

Concen: 41.587 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 58394

Ion Ratio Lower Upper

50 100

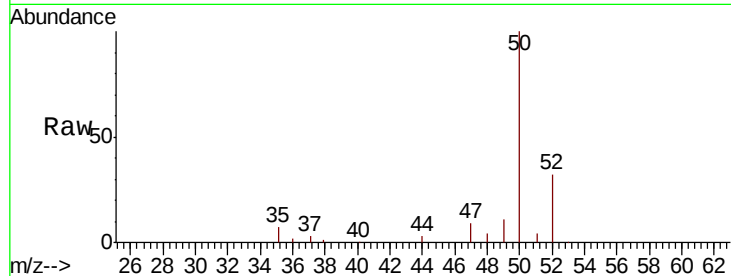
52 31.6 26.2 39.2

Manual Integrations

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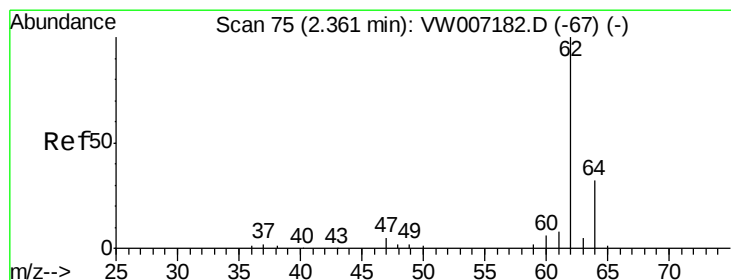
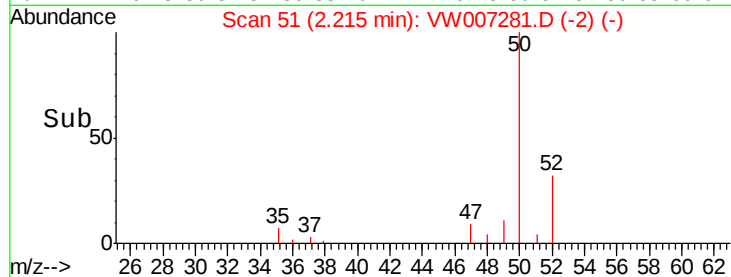
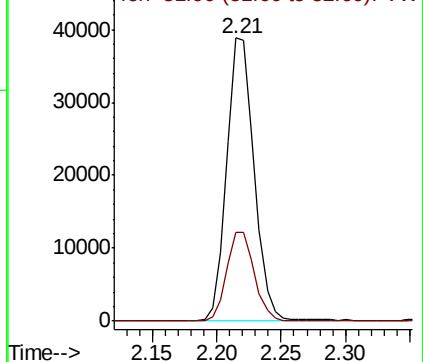
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 49.325 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007281.D

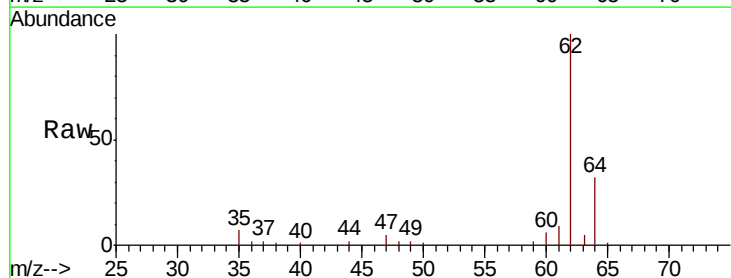
Acq: 06 Dec 2018 16:12

Tgt Ion: 62 Resp: 43364

Ion Ratio Lower Upper

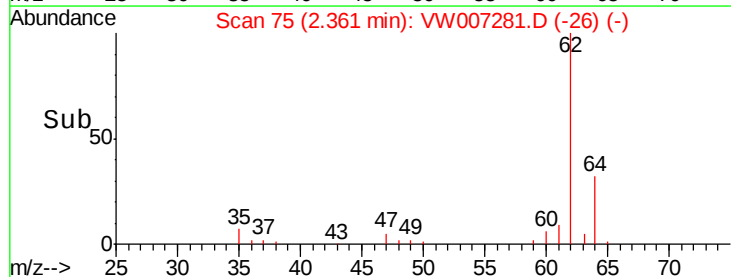
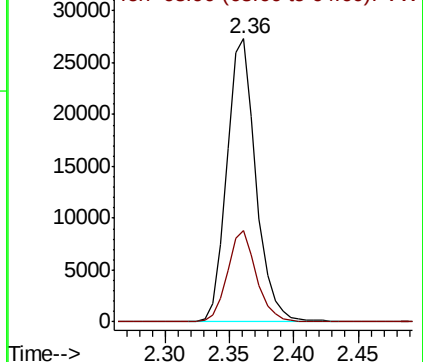
62 100

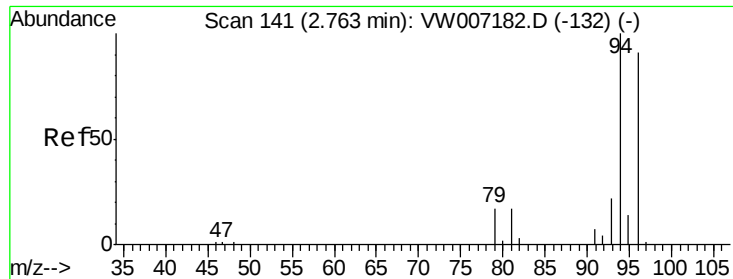
64 32.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 59.974 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 26421

Ion Ratio Lower Upper

94 100

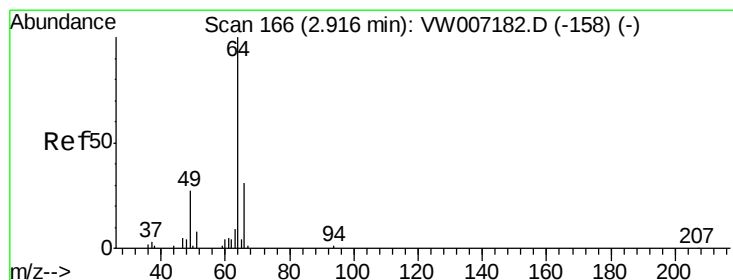
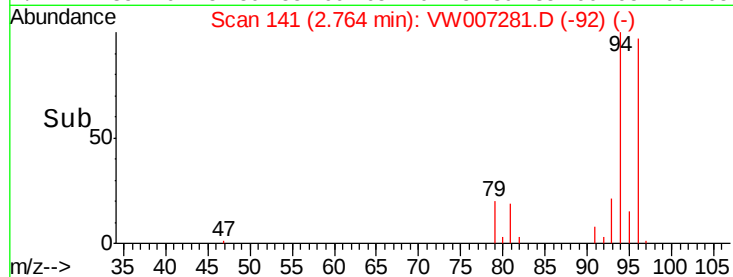
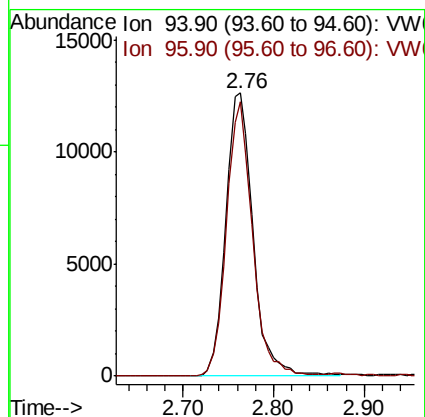
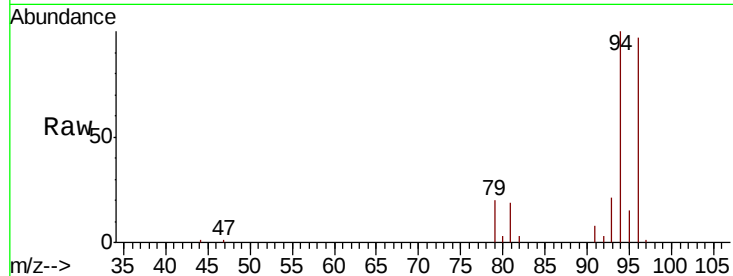
96 97.0 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 48.257 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW007281.D

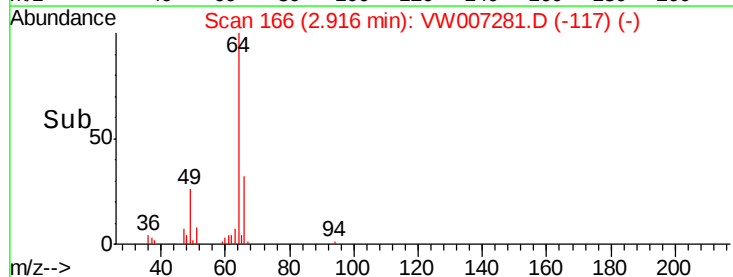
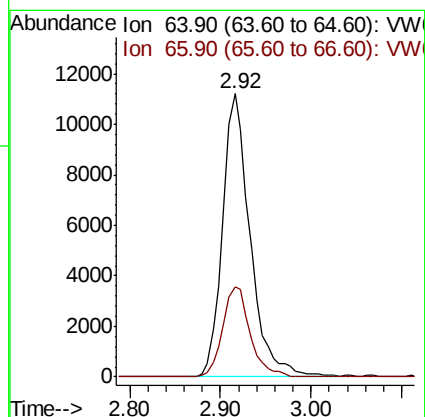
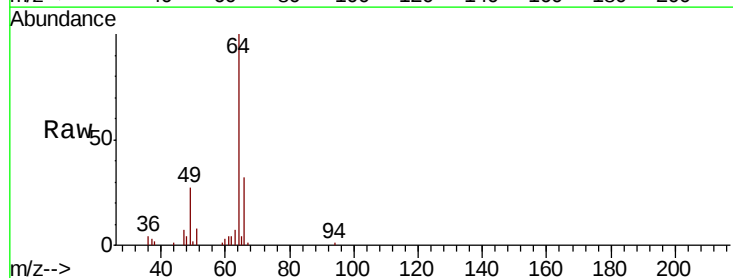
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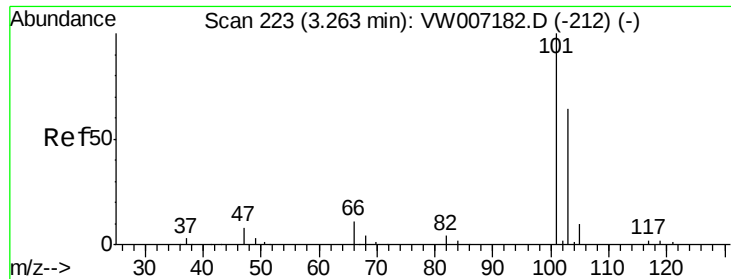
Tgt Ion: 64 Resp: 23804

Ion Ratio Lower Upper

64 100

66 31.8 25.0 37.6





#7

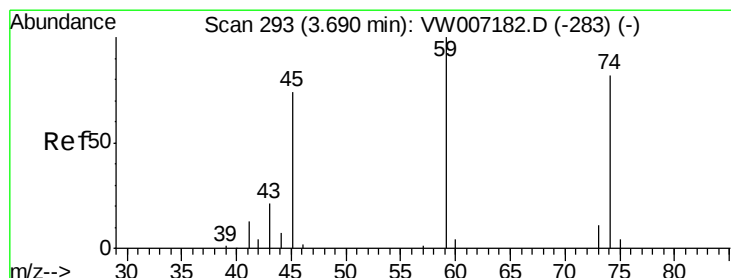
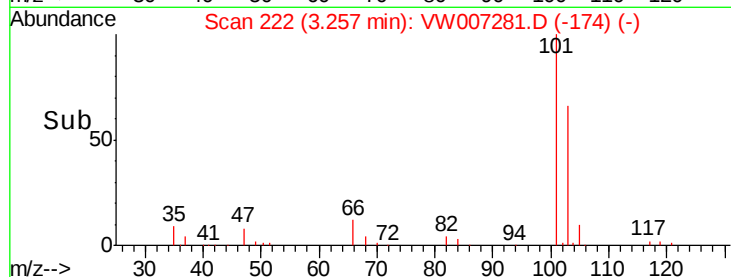
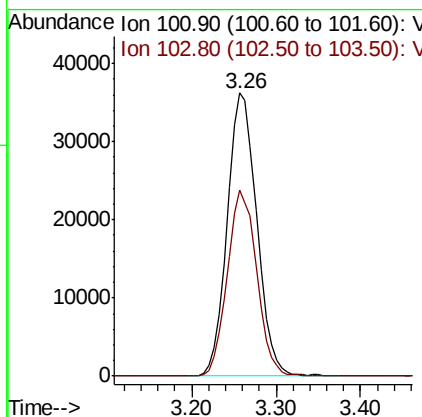
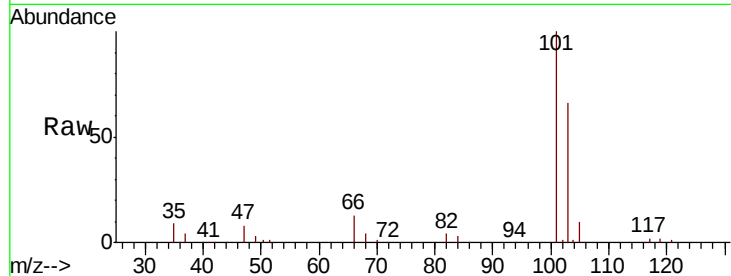
Trichlorofluoromethane
Concen: 50.425 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	50.9	76.3

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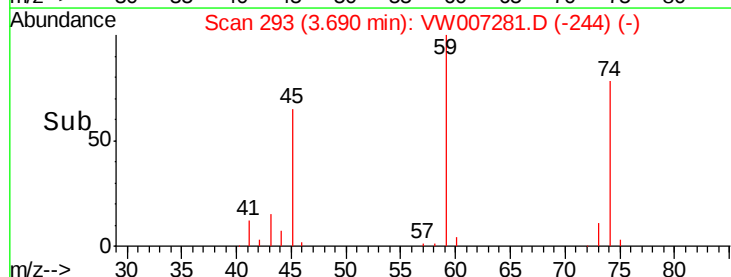
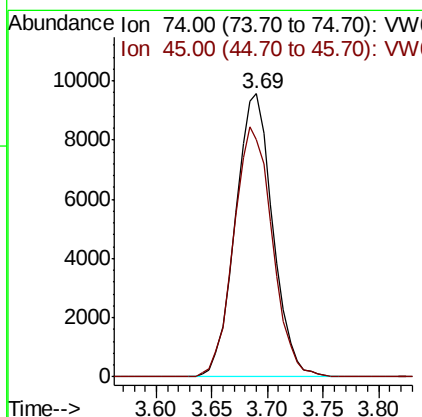
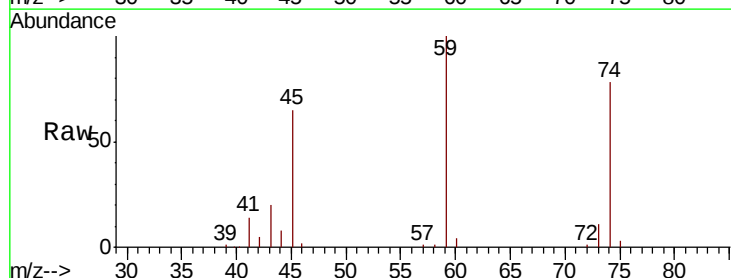
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12/7/2018 12:19:53 PM

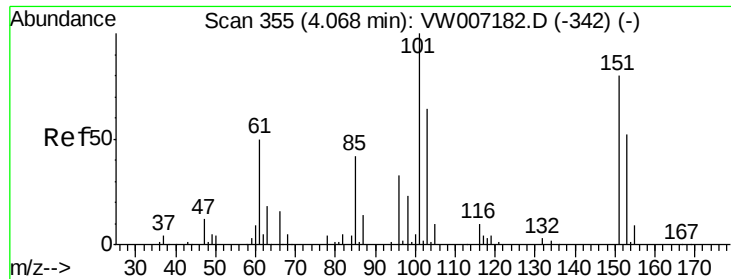


#8

Diethyl Ether
Concen: 46.570 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.5	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.005 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

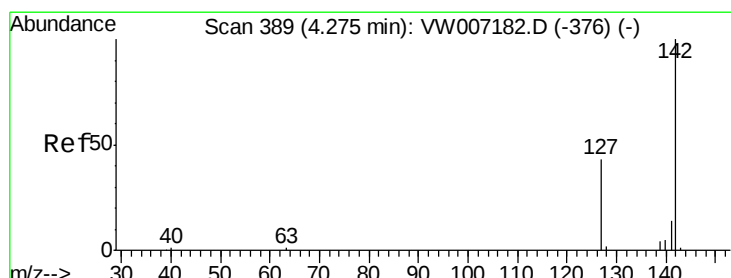
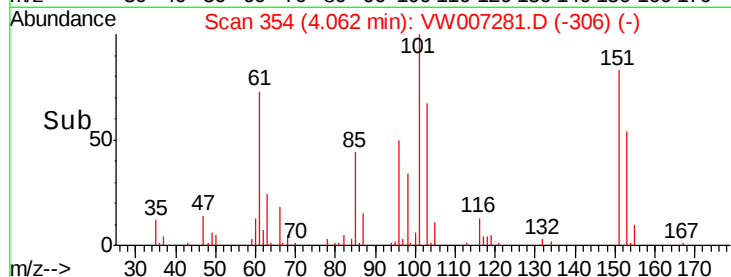
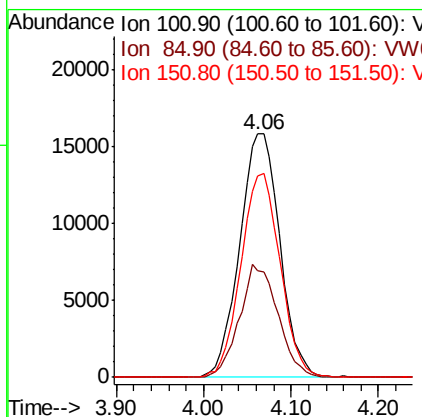
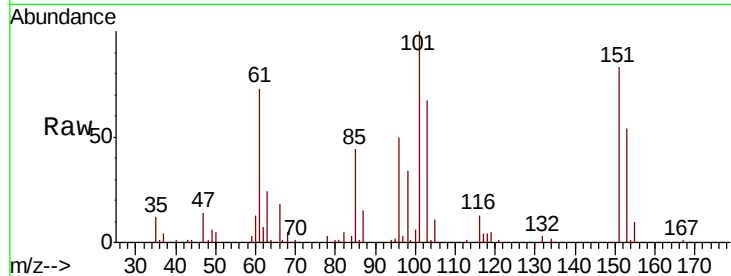
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	50740
Ion Ratio	Lower	Upper	
101	100		
85	44.1	33.4	50.2
151	81.8	63.9	95.9

Manual Integrations
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#10

Methyl Iodide

Concen: 47.938 ug/l

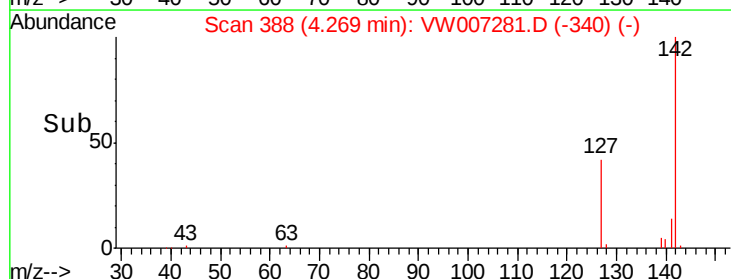
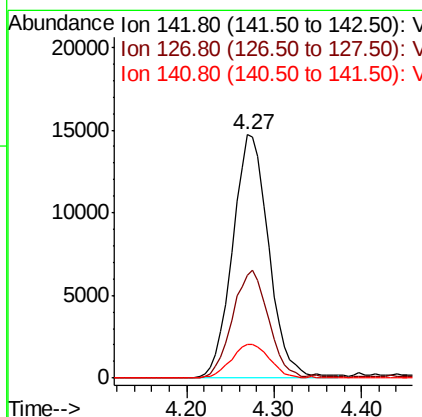
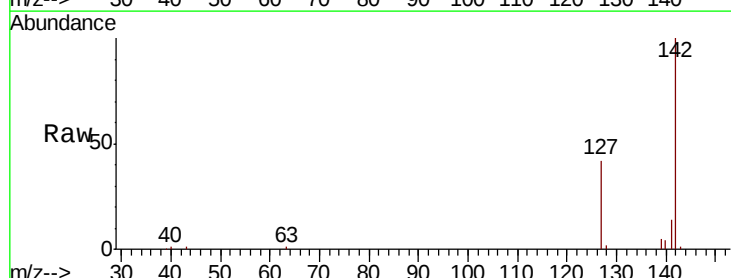
RT: 4.27 min Scan# 388

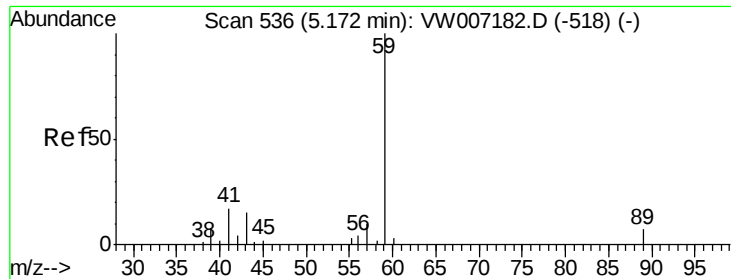
Delta R.T. -0.01 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Tgt Ion:	142	Resp:	42283
Ion Ratio	Lower	Upper	
142	100		
127	44.2	34.9	52.3
141	14.9	11.7	17.5





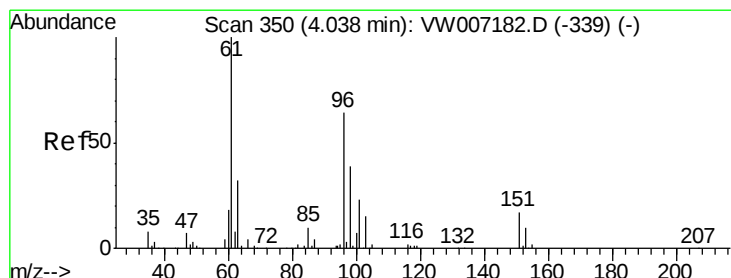
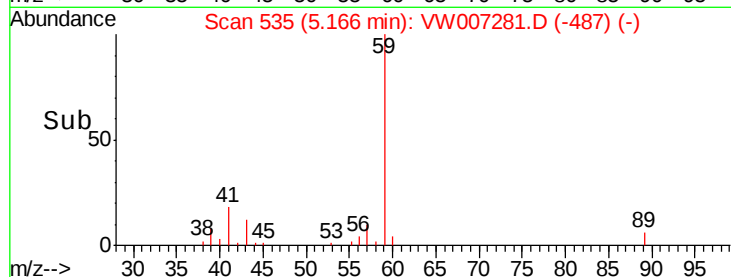
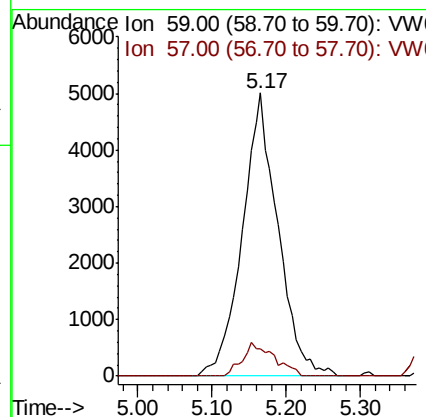
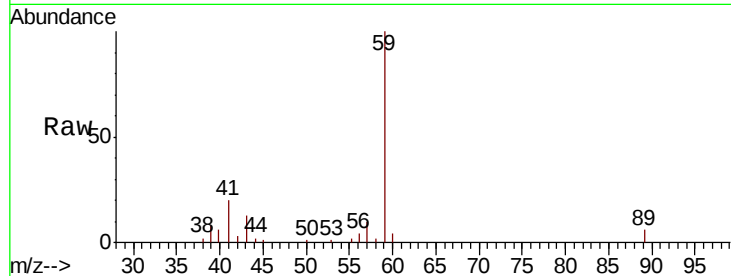
#11
Tert butyl alcohol
Concen: 180.688 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 16746
Ion Ratio Lower Upper
59 100
57 10.6 7.1 10.7

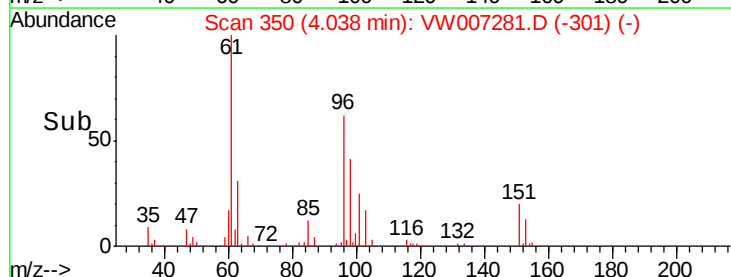
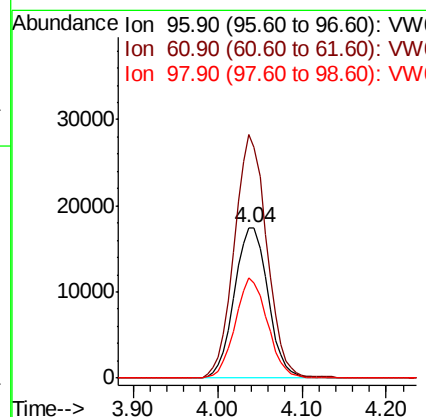
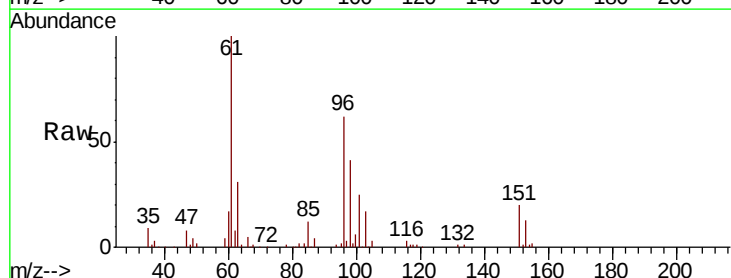
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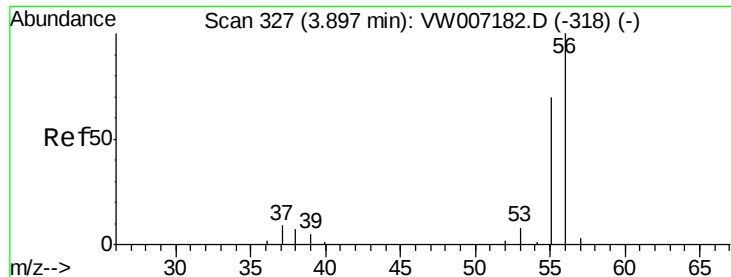
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#12
1,1-Dichloroethene
Concen: 48.673 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion: 96 Resp: 47229
Ion Ratio Lower Upper
96 100
61 161.6 124.1 186.1
98 66.1 48.6 72.8





#13

Acrolein

Concen: 220.514 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 14579

Ion Ratio Lower Upper

56 100

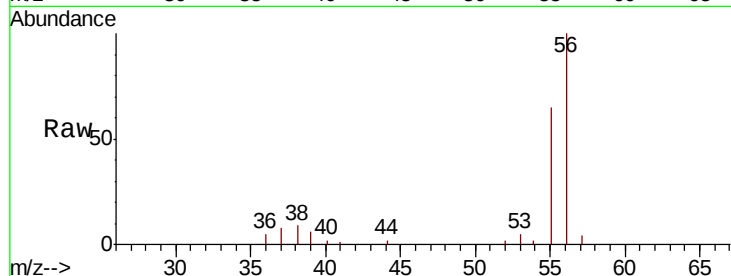
55 72.0 56.9 85.3

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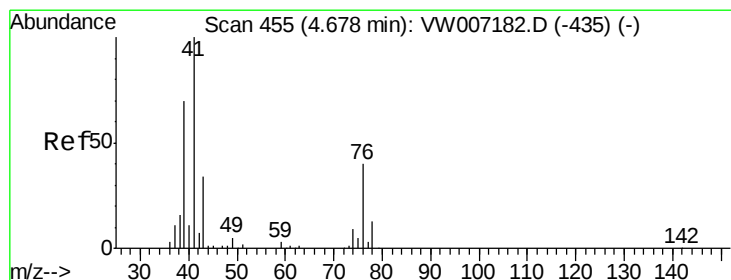
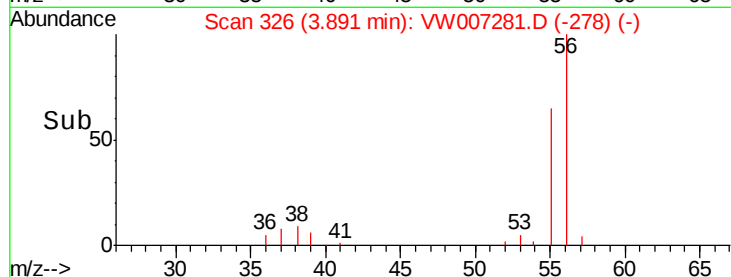
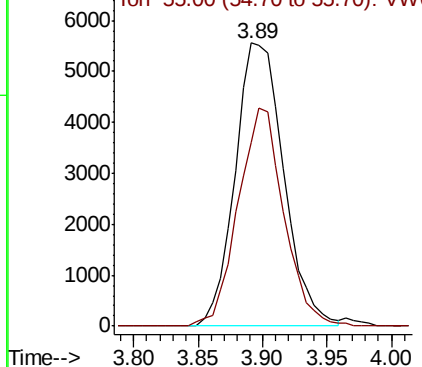
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 46.850 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

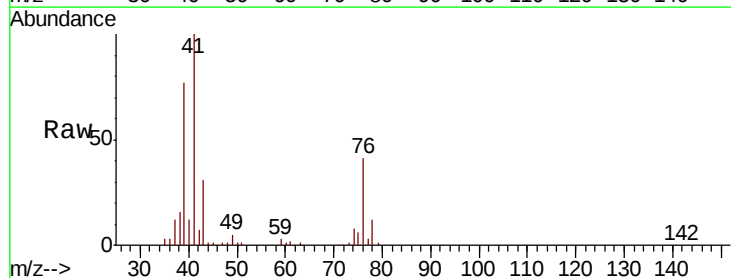
Tgt Ion: 41 Resp: 72868

Ion Ratio Lower Upper

41 100

39 74.5 55.9 83.9

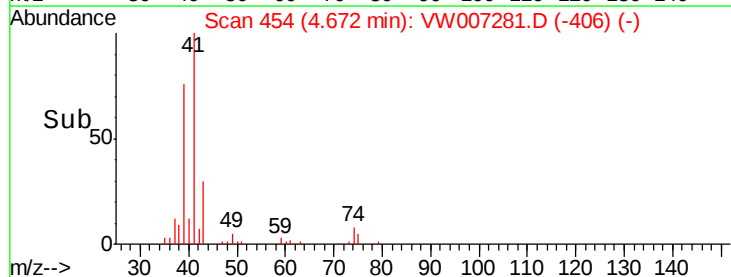
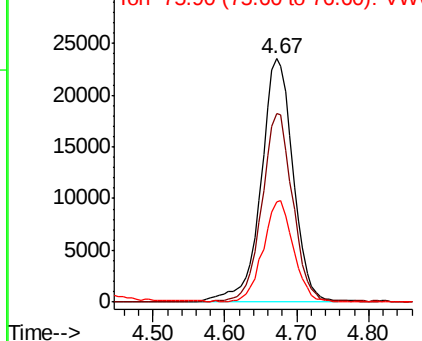
76 39.2 30.8 46.2

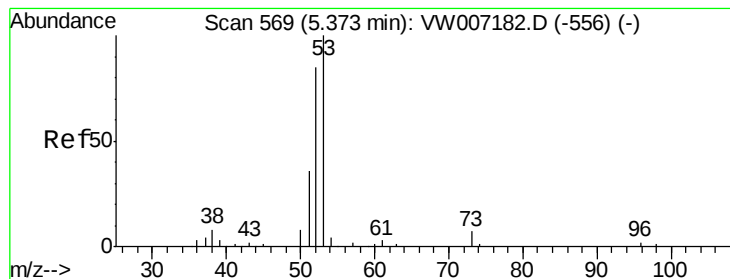


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 227.175 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

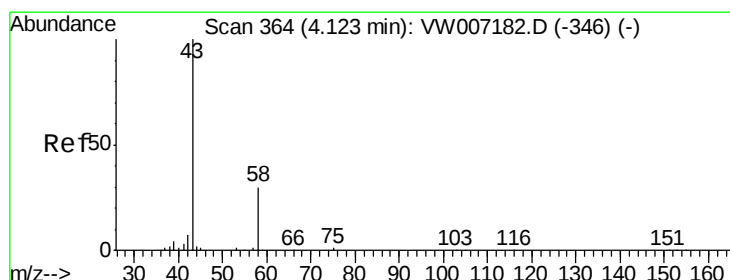
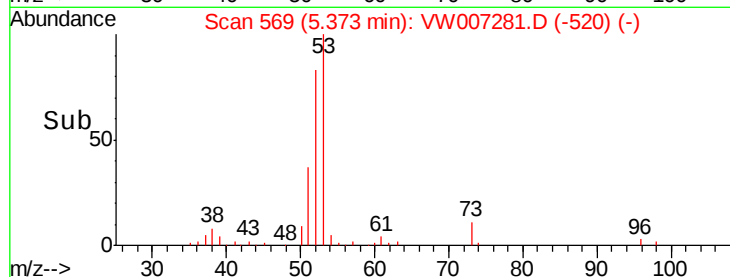
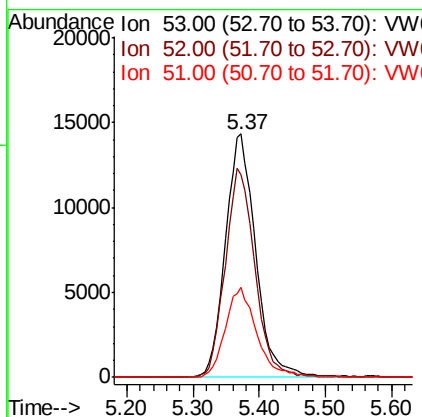
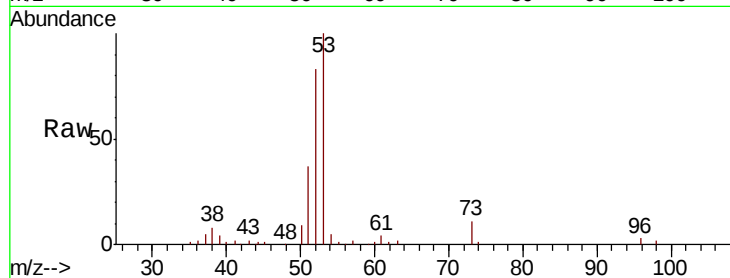
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	45374
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.1	99.1
51	38.3	30.3	45.5

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#16

Acetone

Concen: 230.090 ug/l

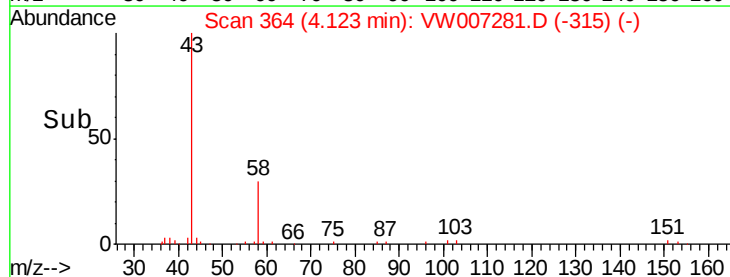
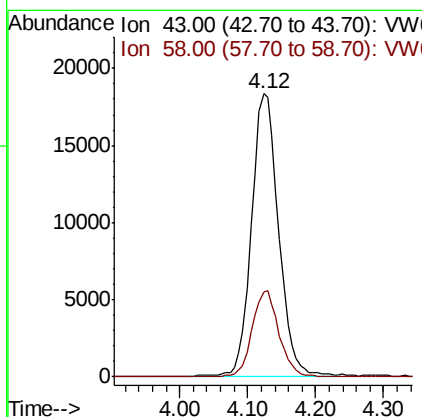
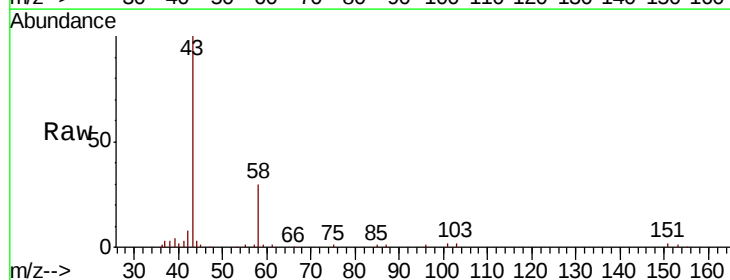
RT: 4.12 min Scan# 364

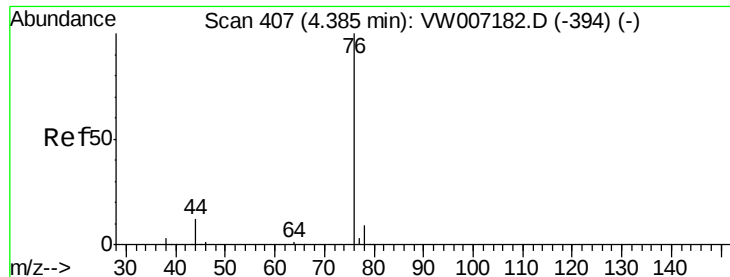
Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Tgt Ion:	43	Resp:	51395
Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.8	35.8





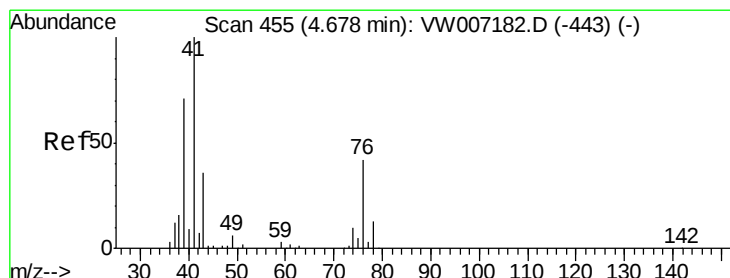
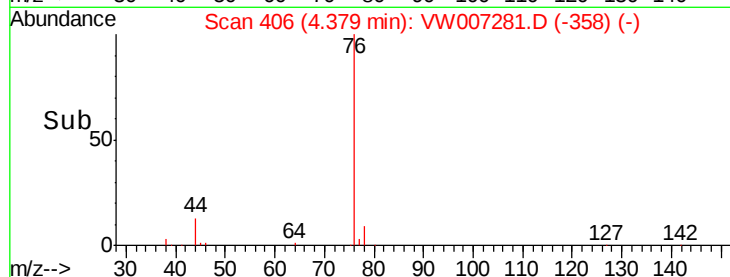
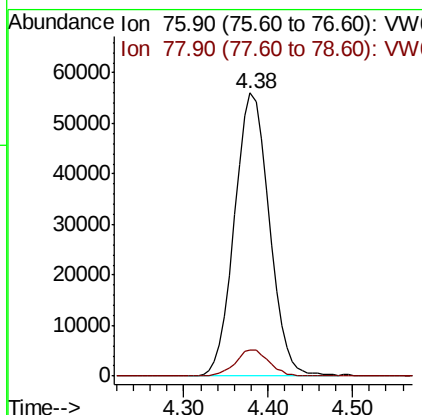
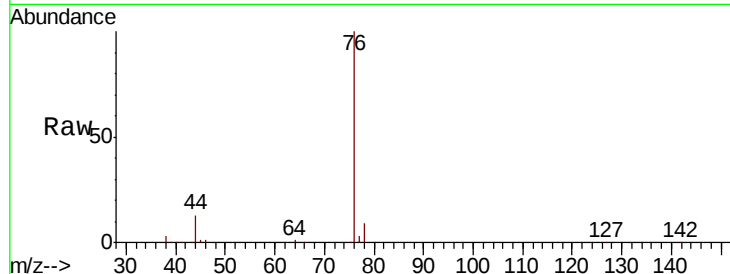
#17
Carbon Disulfide
Concen: 49.033 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

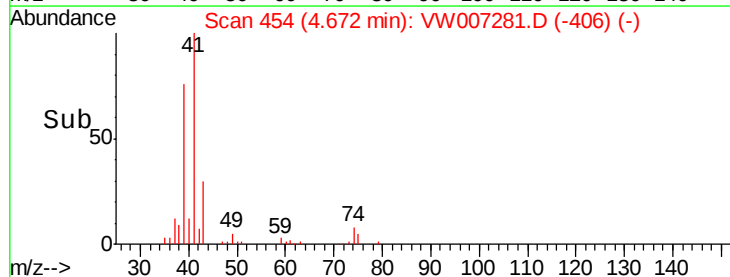
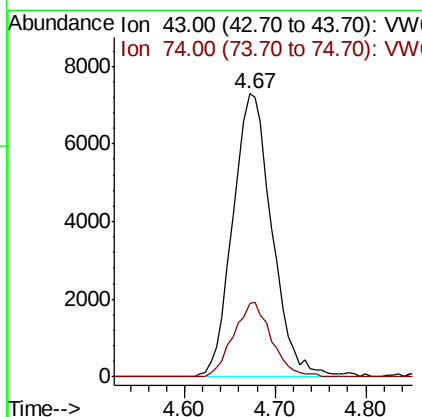
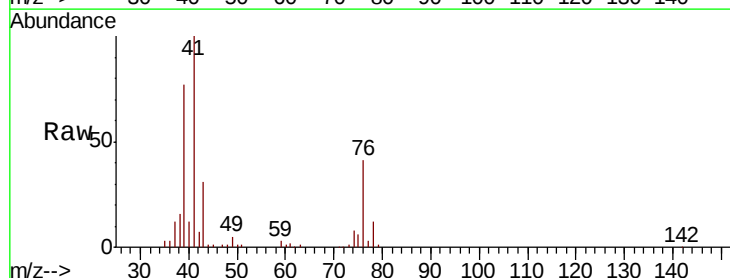
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#18
Methyl Acetate
Concen: 42.843 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	20.1	30.1





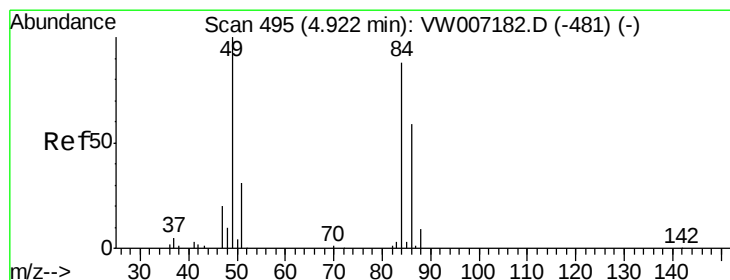
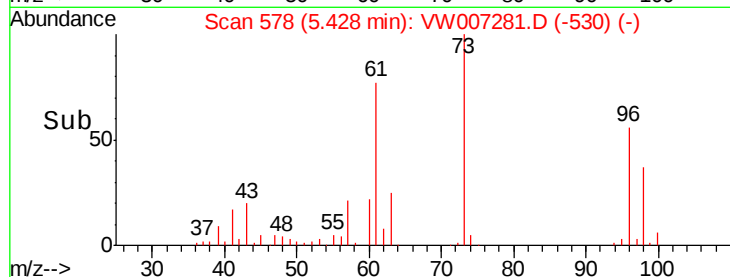
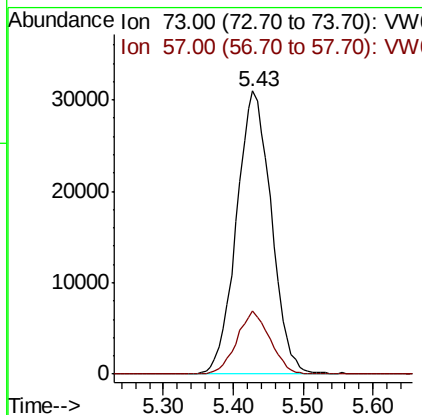
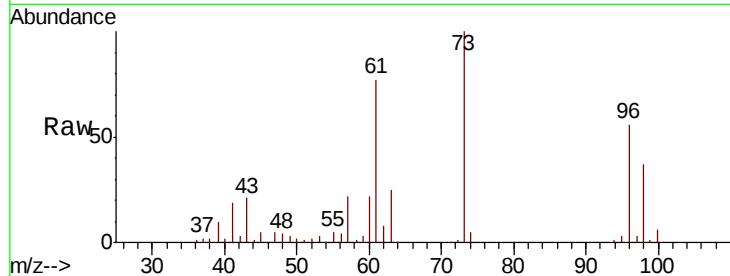
#19
Methvl tert-butvl Ether
Concen: 46.817 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 106956
Ion Ratio Lower Upper
73 100
57 22.1 16.6 25.0

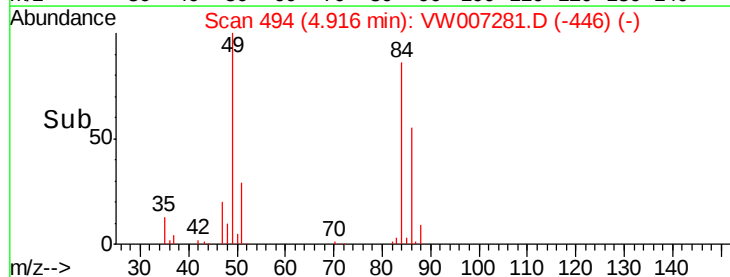
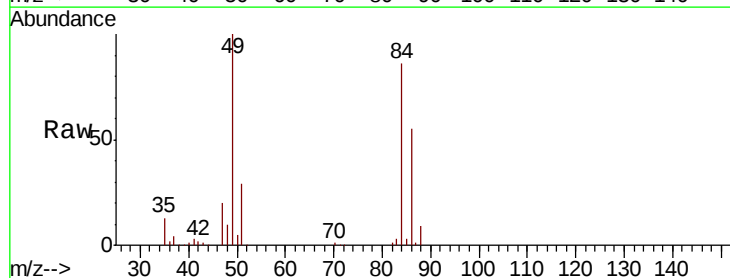
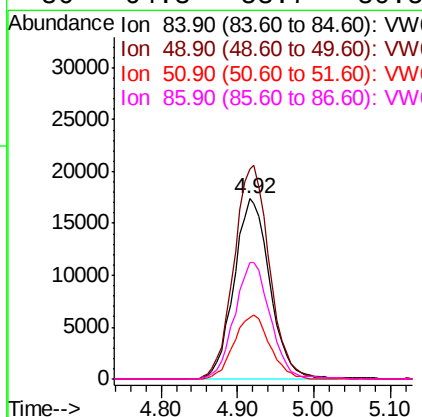
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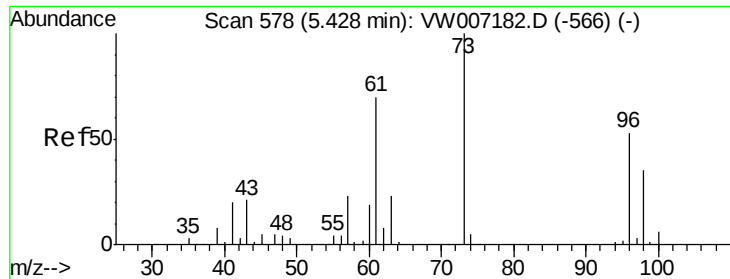
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#20
Methylene Chloride
Concen: 50.249 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion: 84 Resp: 56494
Ion Ratio Lower Upper
84 100
49 116.6 90.6 135.8
51 34.1 27.6 41.4
86 64.3 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.886 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 52966

Ion Ratio Lower Upper

96 100

61 139.4 105.5 158.3

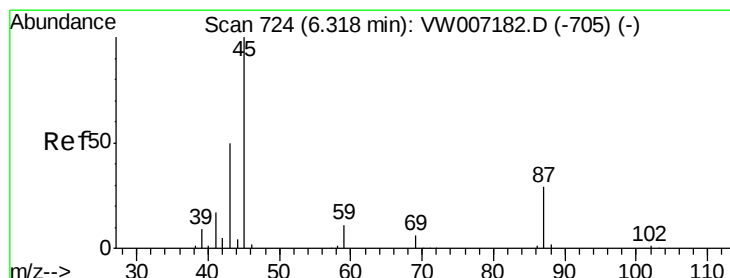
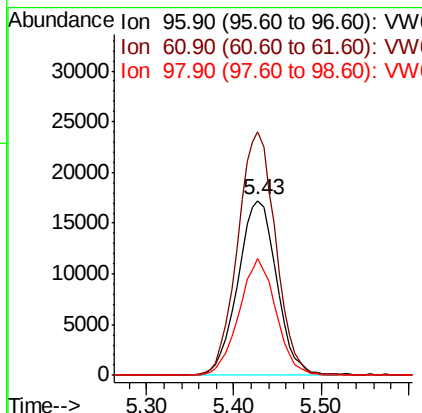
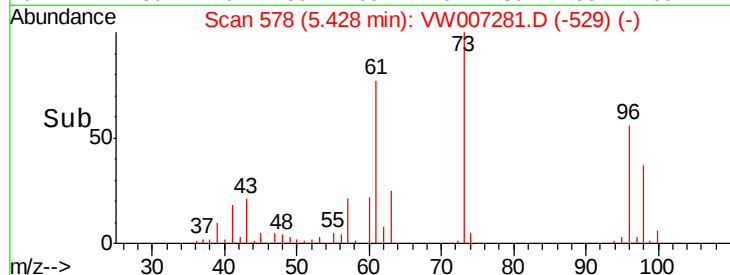
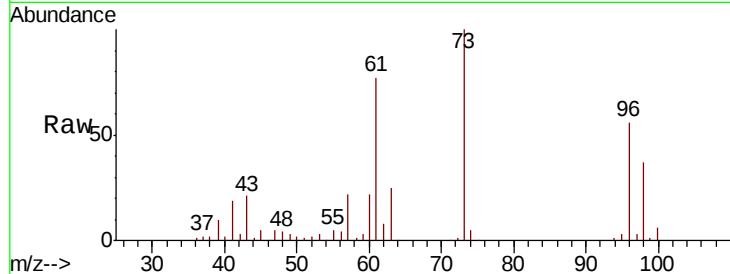
98 66.7 52.6 79.0

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#22

Diisopropyl ether

Concen: 49.003 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Tgt Ion: 45 Resp: 136820

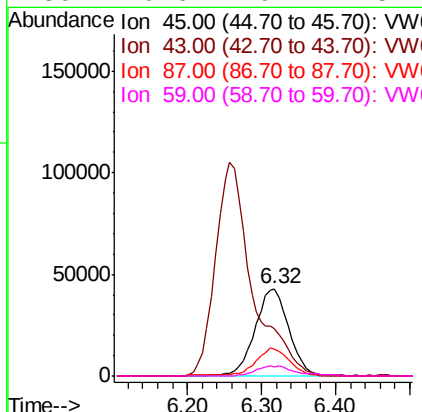
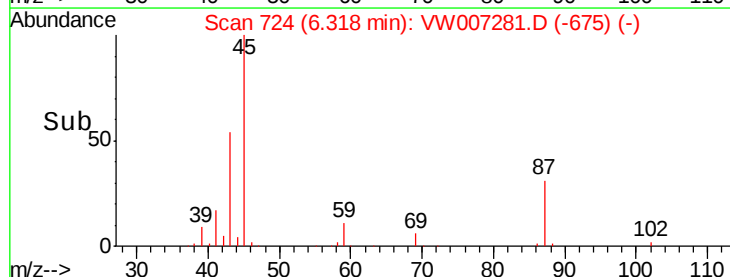
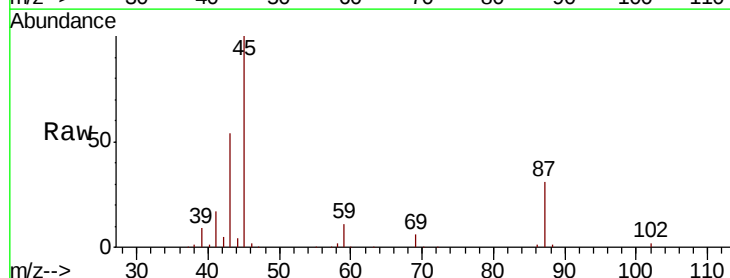
Ion Ratio Lower Upper

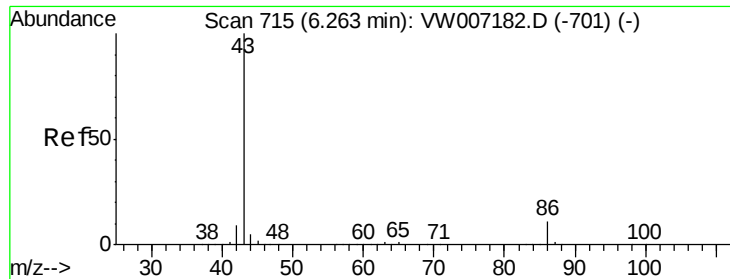
45 100

43 53.5 40.8 61.2

87 30.9 24.0 36.0

59 10.6 9.1 13.7





#23

Vinyl Acetate

Concen: 237.661 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 362077

Ion Ratio Lower Upper

43 100

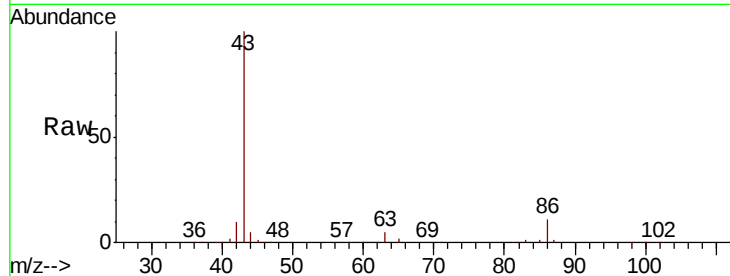
86 11.2 9.0 13.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

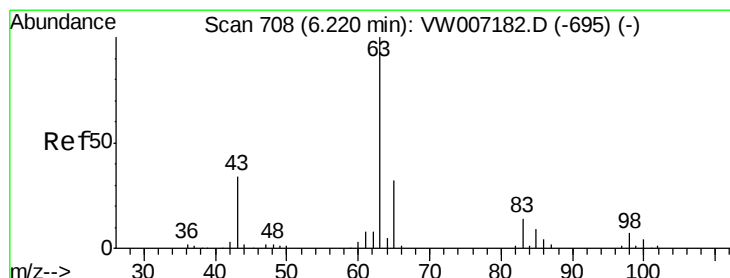
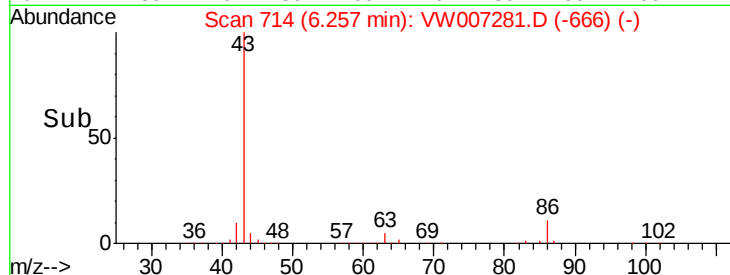
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.883 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

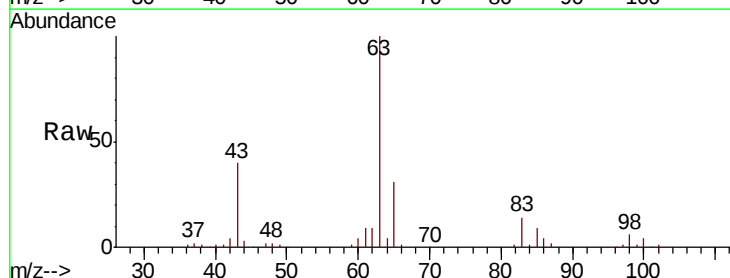
Tgt Ion: 63 Resp: 87479

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.5

100 4.0 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

40000

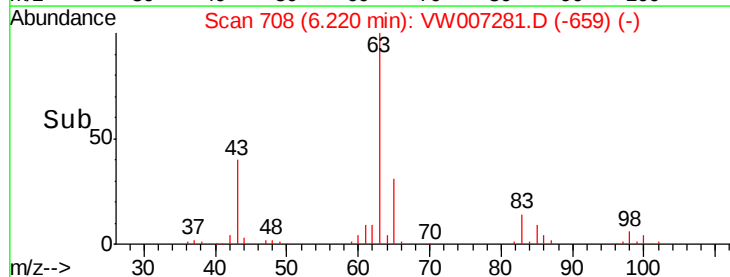
30000

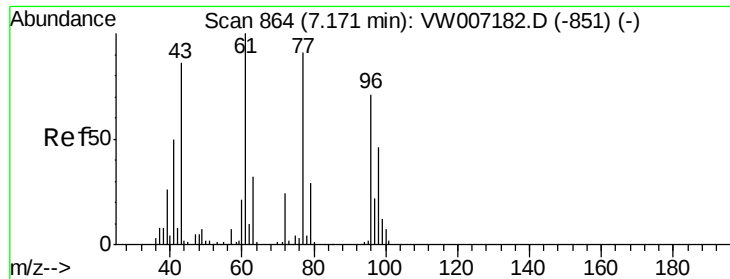
20000

10000

0

Time-->





#25

2-Butanone

Concen: 222.241 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 57545

Ion Ratio Lower Upper

43 100

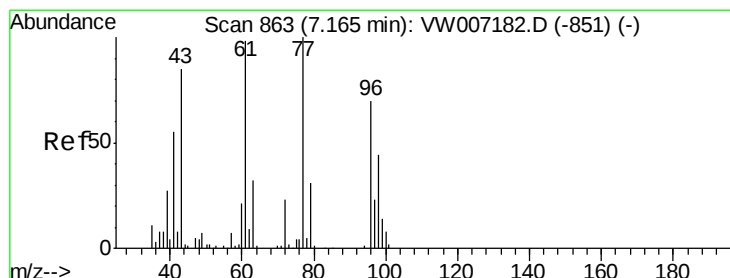
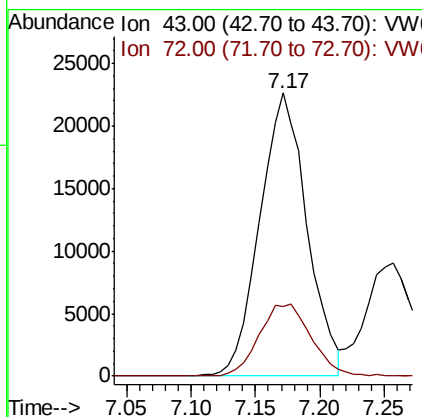
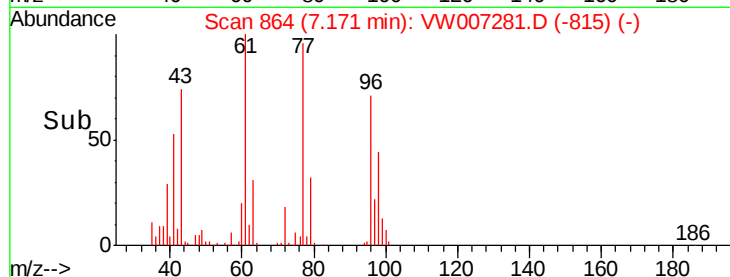
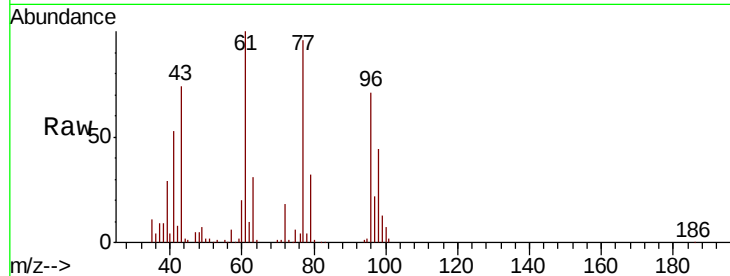
72 24.6 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 50.479 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007281.D

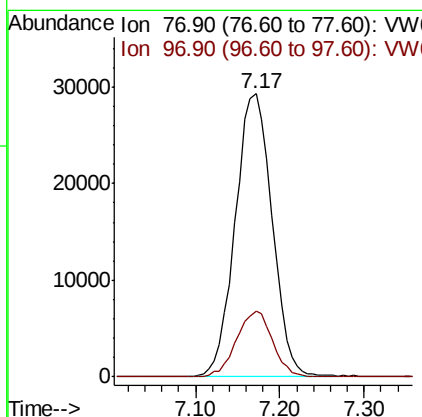
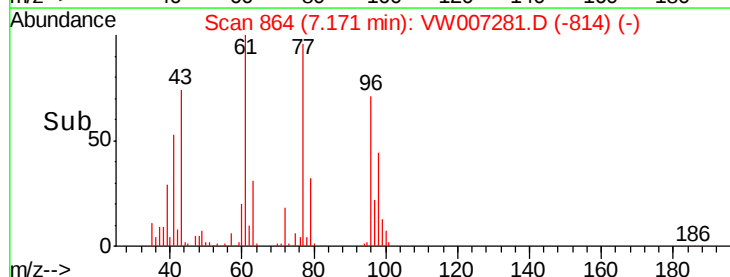
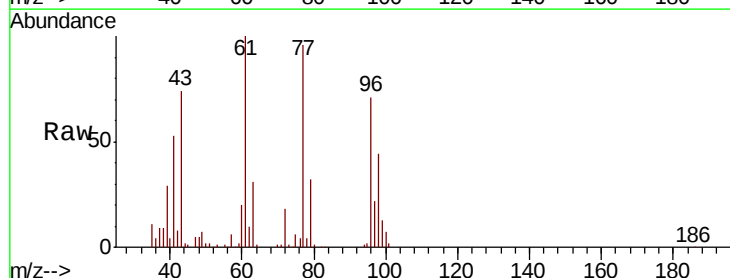
Acq: 06 Dec 2018 16:12

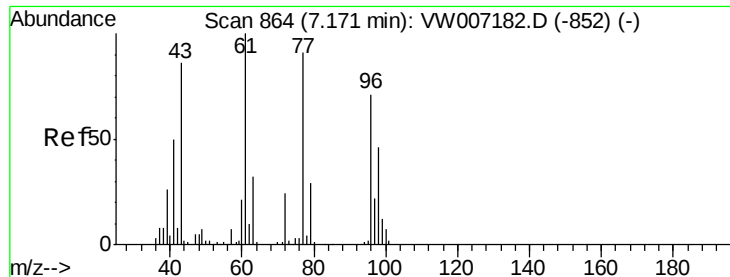
Tgt Ion: 77 Resp: 86810

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.4





#27

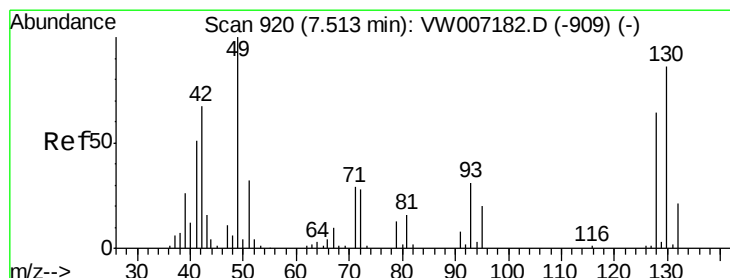
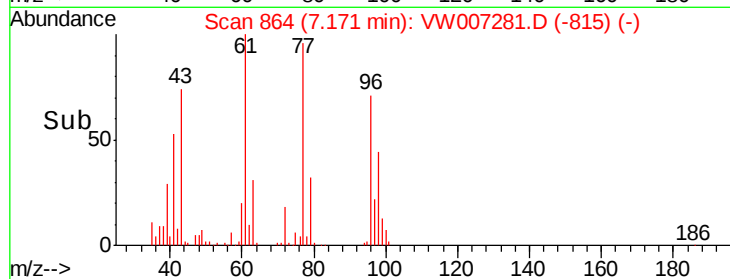
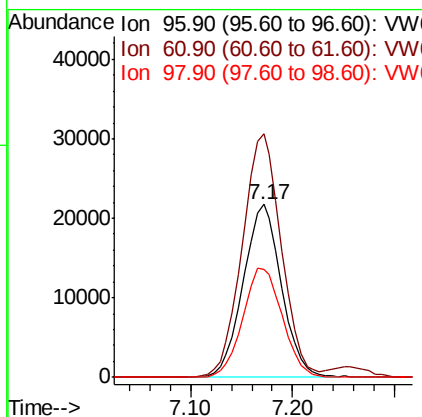
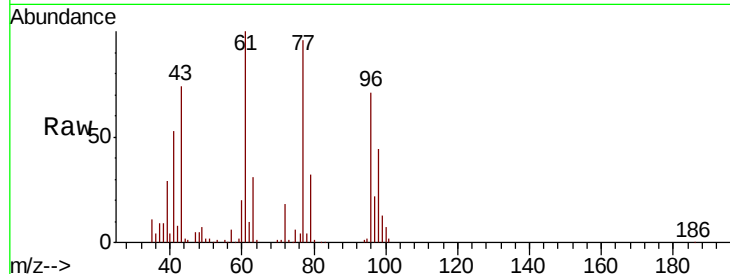
cis-1,2-Dichloroethene
Concen: 48.803 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	282.4
98	65.3	0.0	129.8

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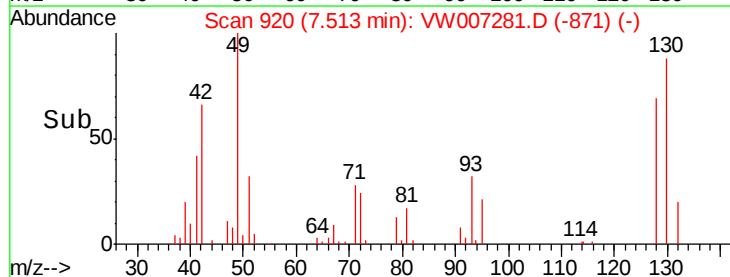
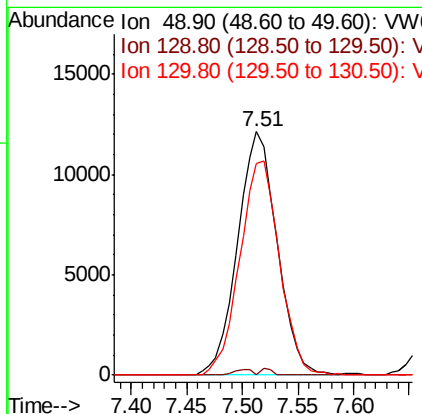
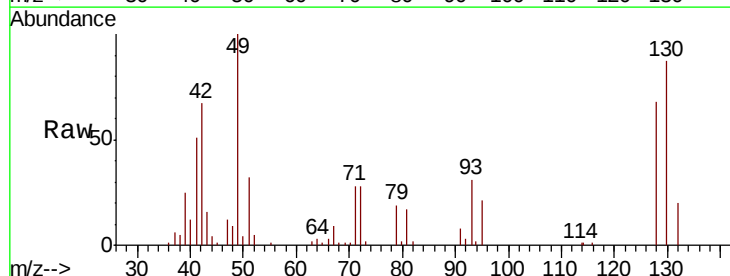
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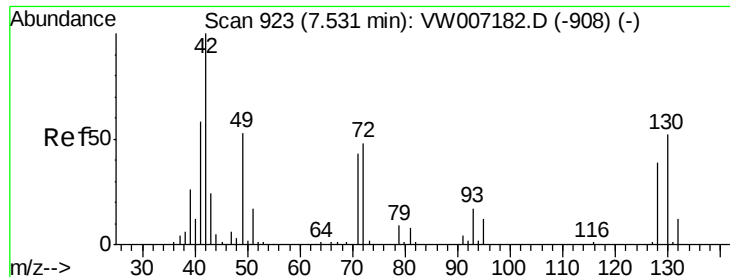


#28

Bromochloromethane
Concen: 46.434 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.8
130	88.0	70.3	105.5





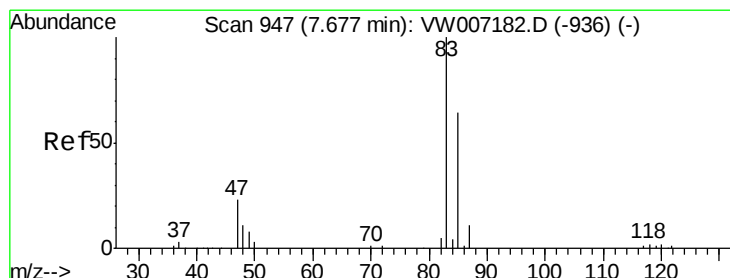
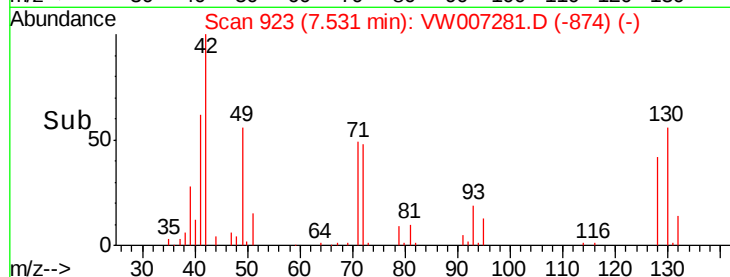
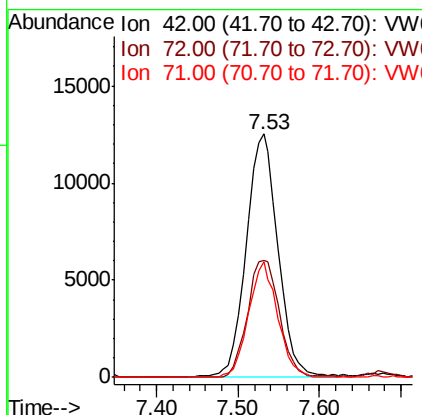
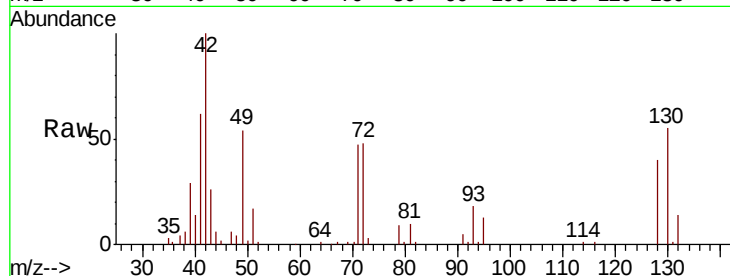
#29
Tetrahydrofuran
Concen: 212.633 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	36.6	55.0
71	43.4	34.8	52.2

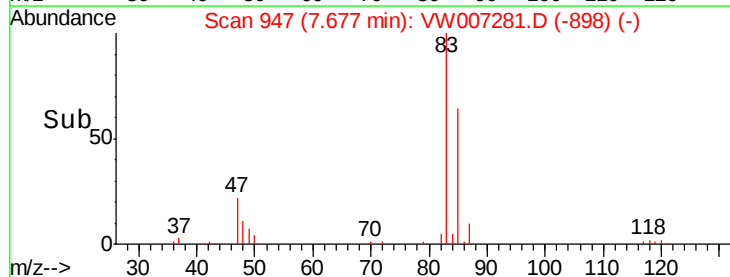
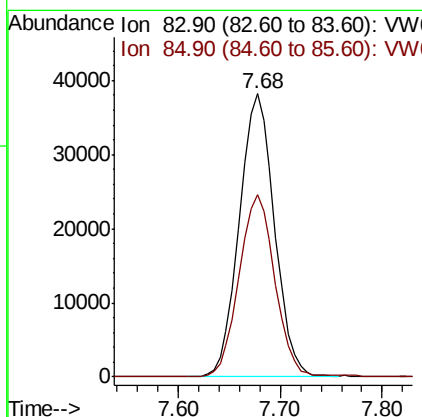
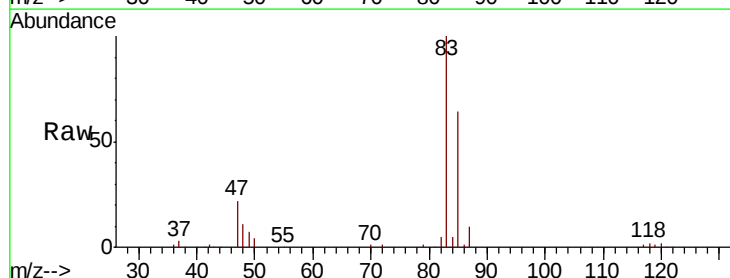
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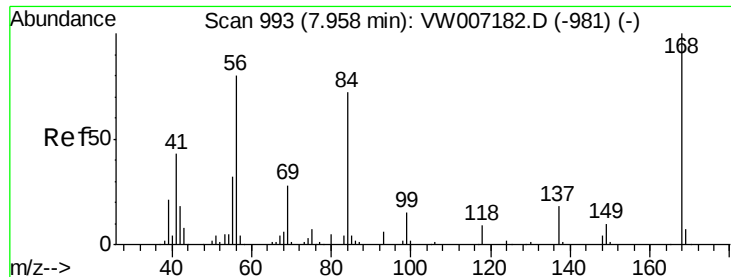
apatel
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#30
Chloroform
Concen: 49.238 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





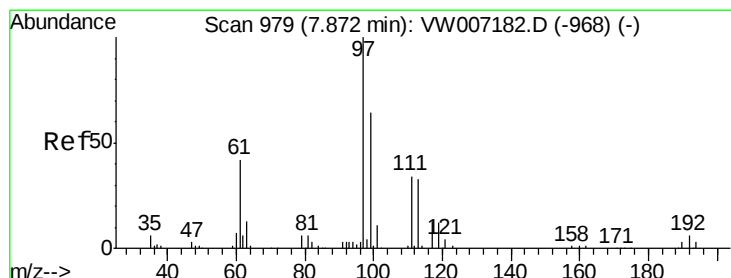
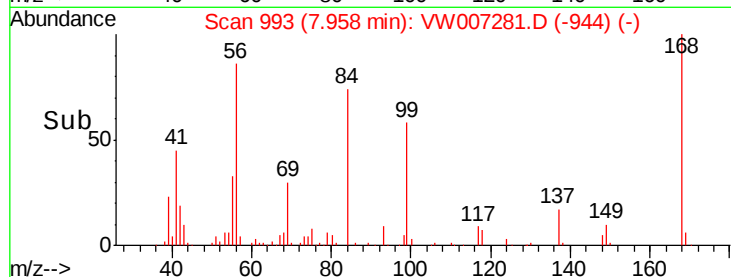
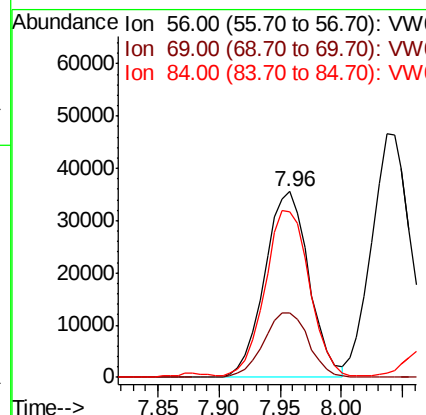
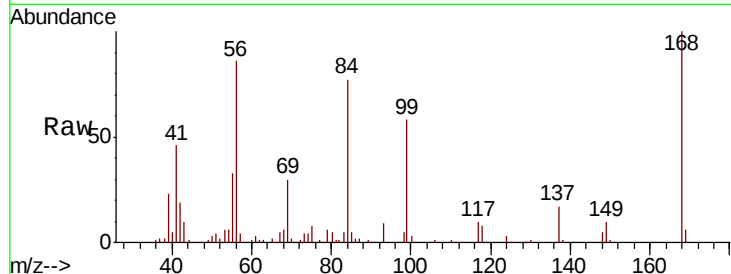
#31
Cyclohexane
Concen: 47.797 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.5	28.2	42.2
84	87.5	72.1	108.1

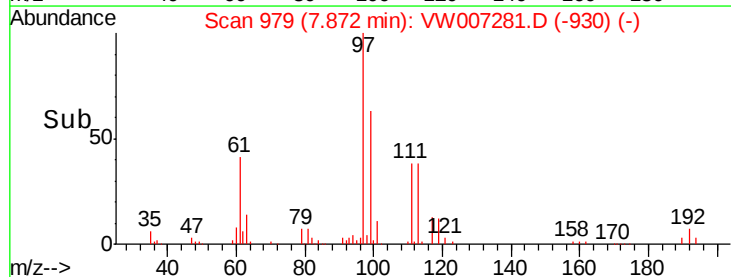
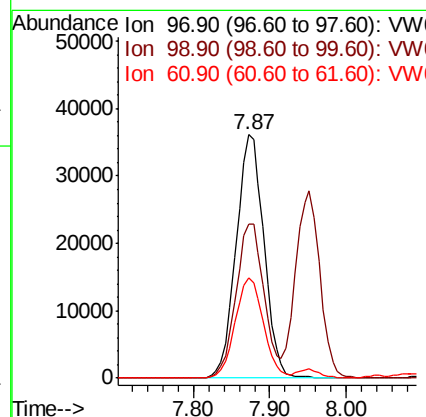
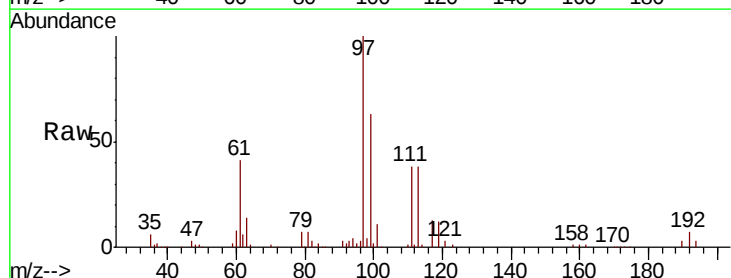
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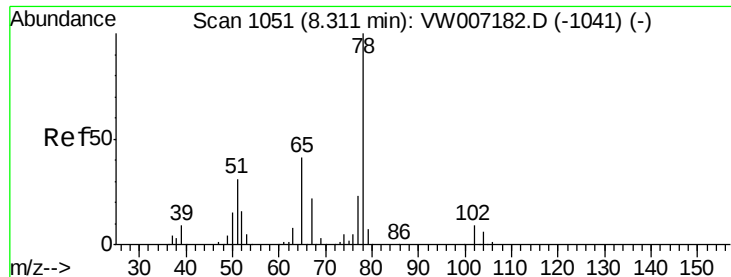
apatel
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#32
1,1,1-Trichloroethane
Concen: 51.939 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	41.7	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 50.094 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 47266

Ion Ratio Lower Upper

65 100

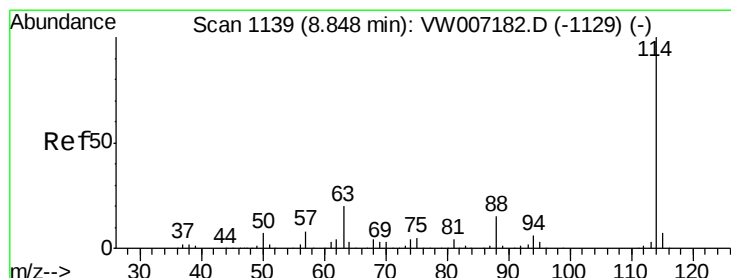
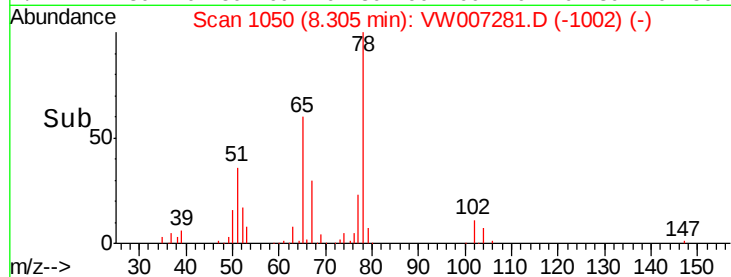
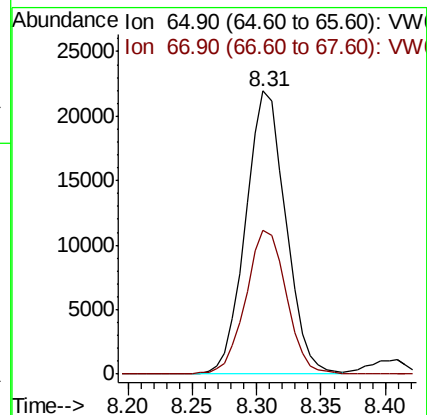
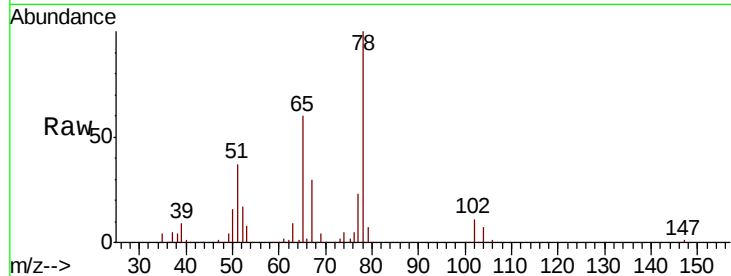
67 51.6 0.0 106.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

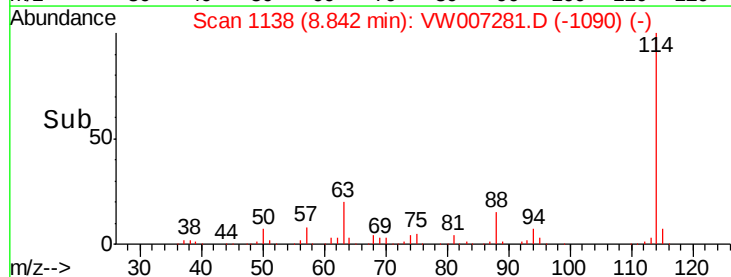
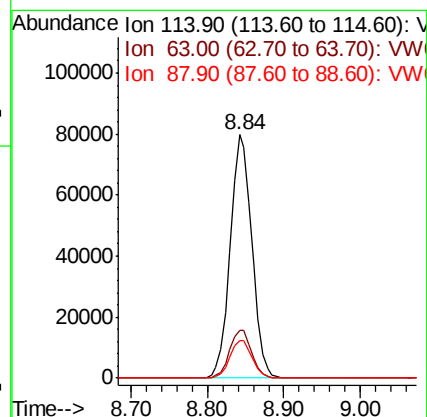
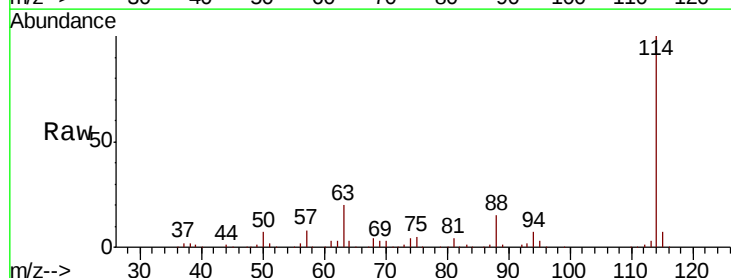
Tgt Ion: 114 Resp: 155573

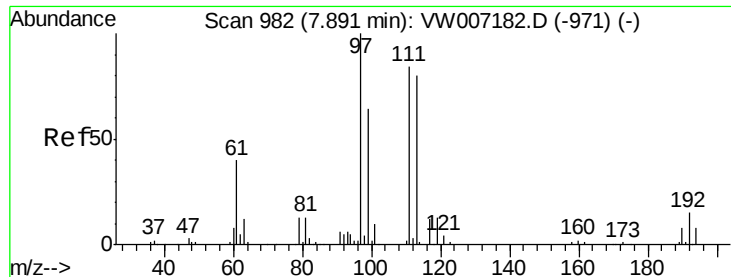
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.4 0.0 30.0





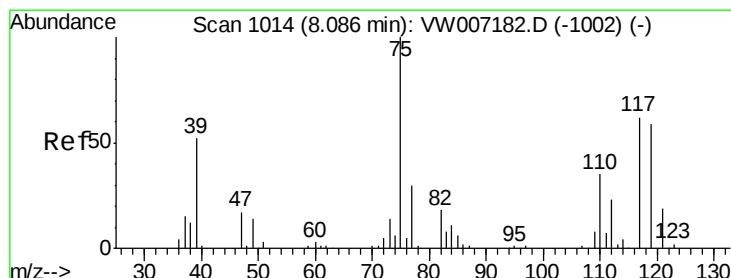
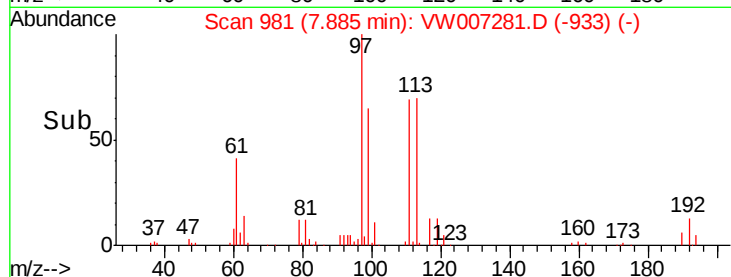
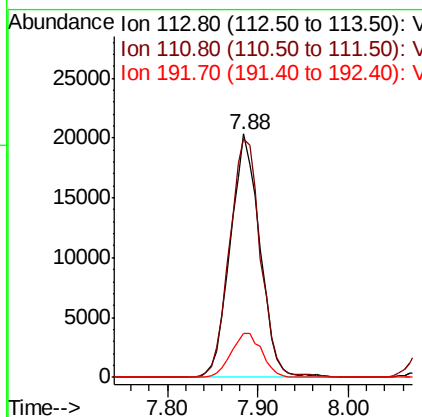
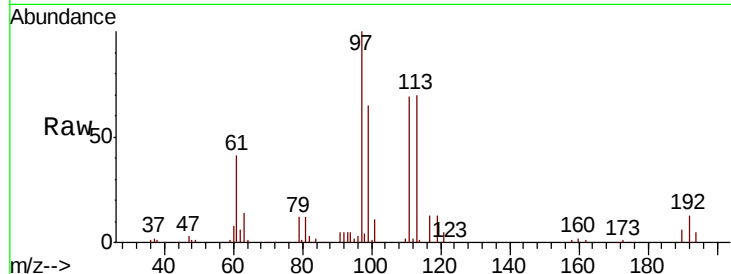
#35
 Dibromofluoromethane
 Concen: 51.598 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	18.8	14.4	21.6

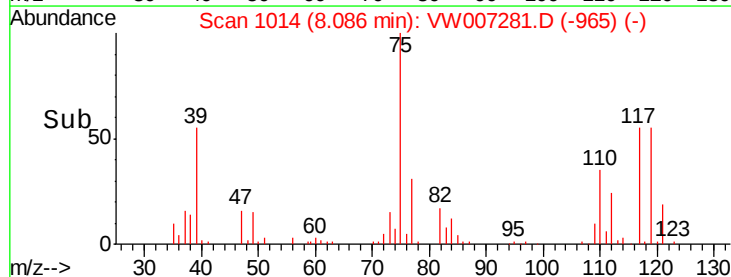
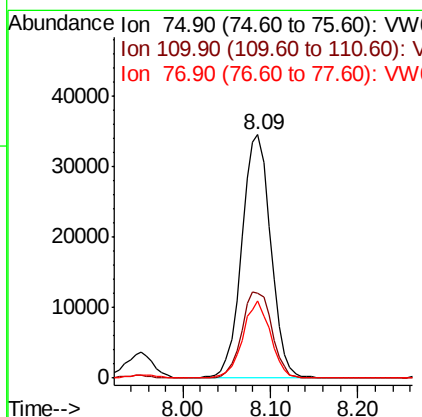
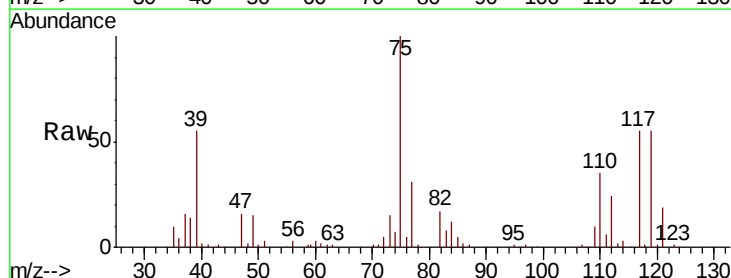
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#36
 1,1-Dichloropropene
 Concen: 52.571 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.3	54.9
77	30.4	24.9	37.3





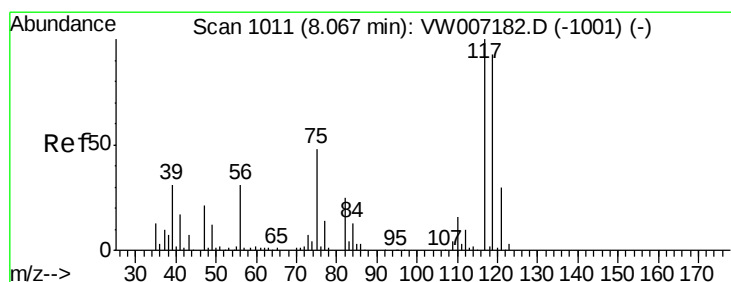
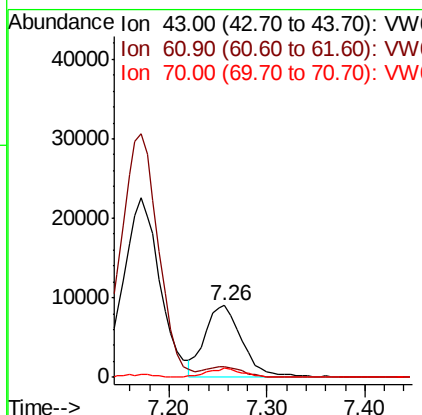
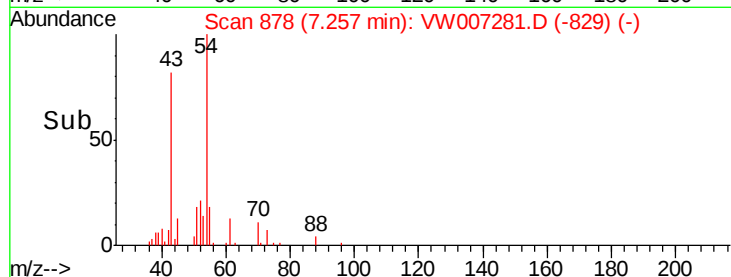
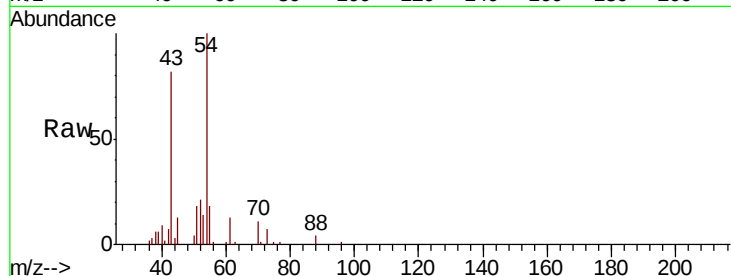
#37
Ethyl Acetate
Concen: 42.925 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.1	18.1
70	12.0	9.1	13.7

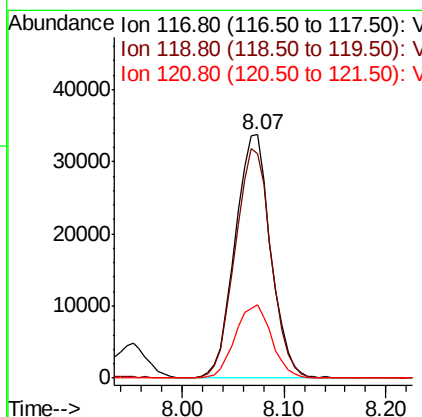
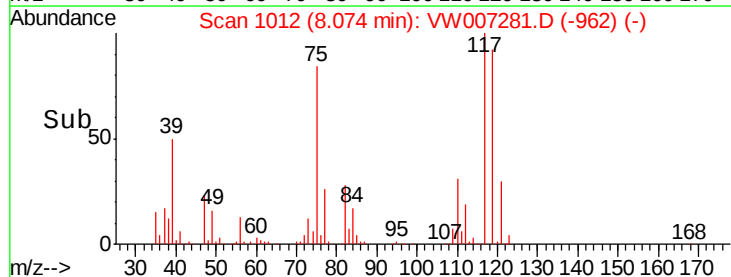
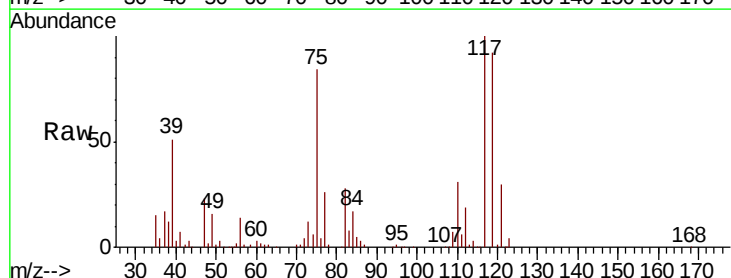
Manual Integrations
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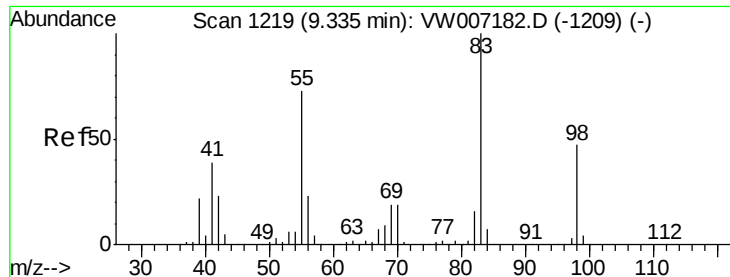
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#38
Carbon Tetrachloride
Concen: 53.108 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	74.1	111.1
121	30.2	23.9	35.9





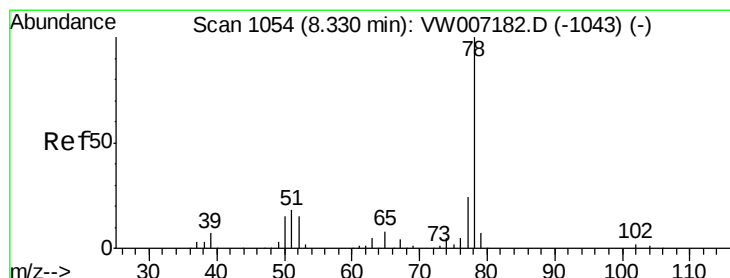
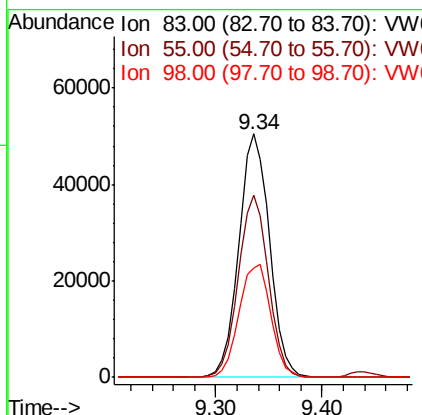
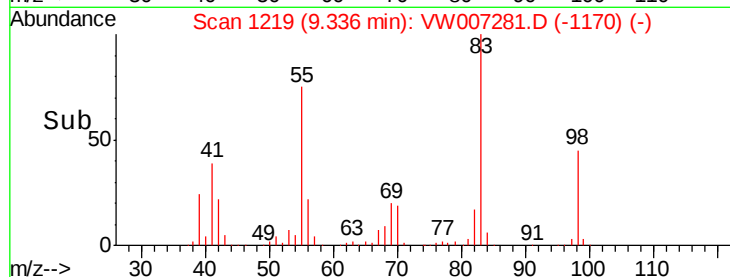
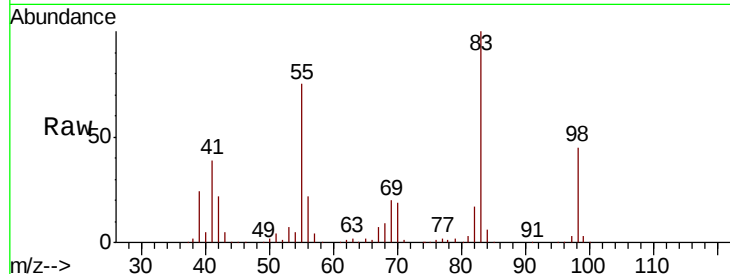
#39
Methvlcvclohexane
Concen: 50.425 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83.00	Resp	102182
Ion Ratio	Lower	Upper	
83	100		
55	74.7	58.1	87.1
98	44.8	37.3	55.9

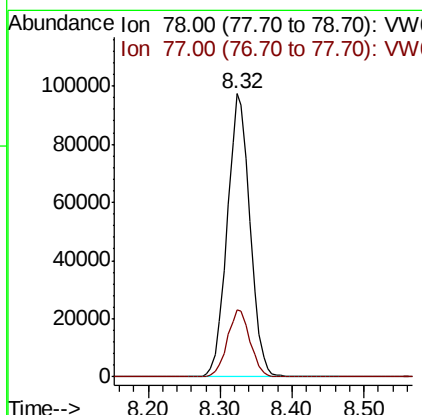
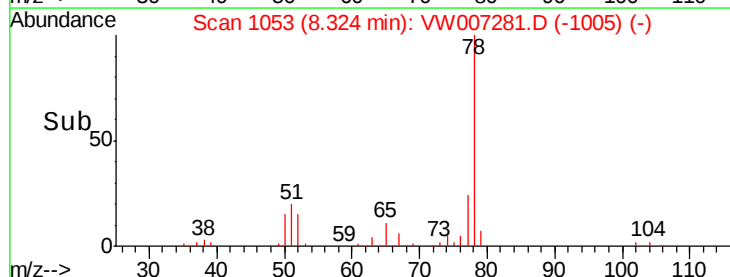
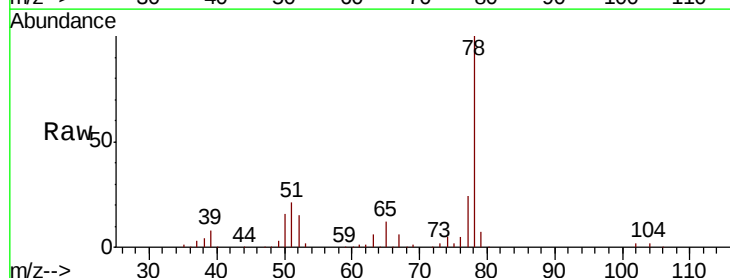
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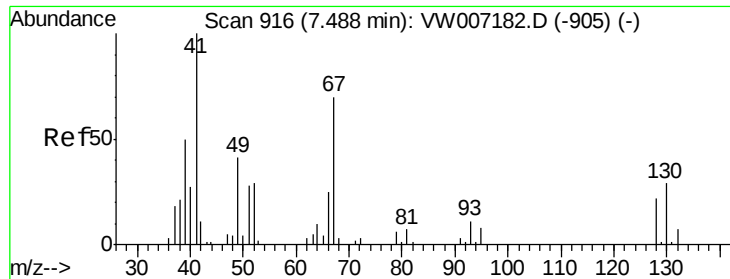
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#40
Benzene
Concen: 51.460 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	78.00	Resp	213605
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.9	28.3





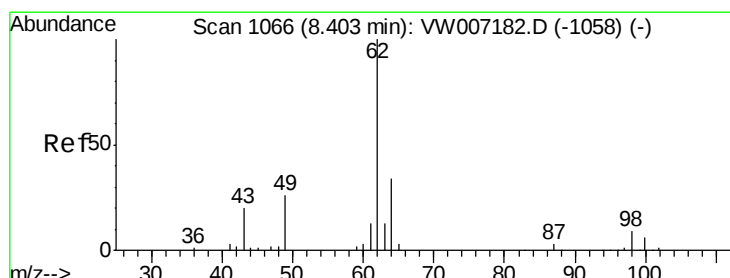
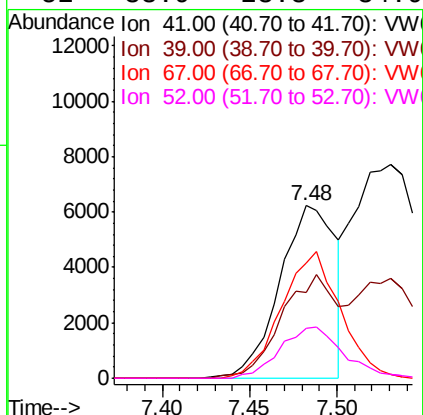
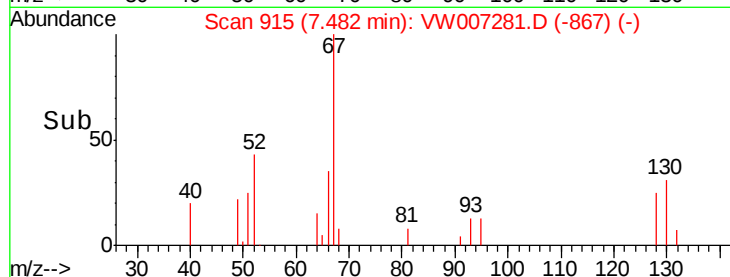
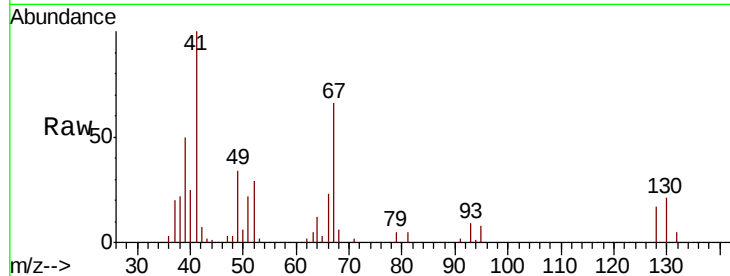
#41
Methacrylonitrile
Concen: 42.445 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	13921
Ion	Ratio	Lower	Upper
41	100		
39	57.2	43.4	65.0
67	77.1	57.4	86.0
52	33.9	23.3	34.9

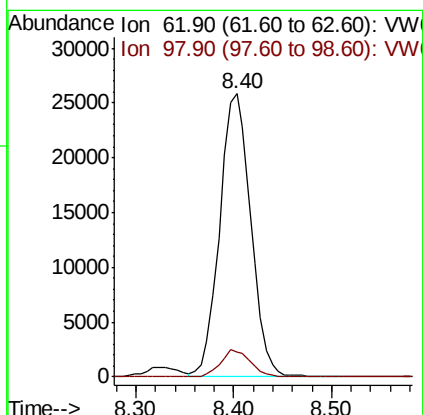
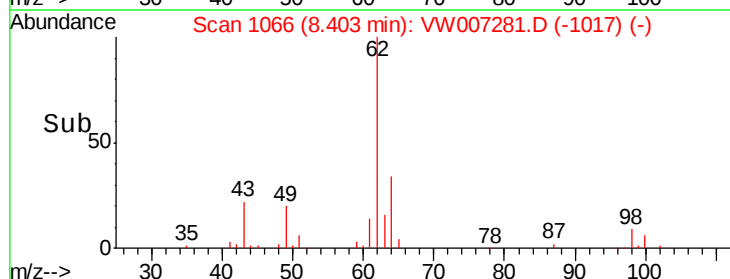
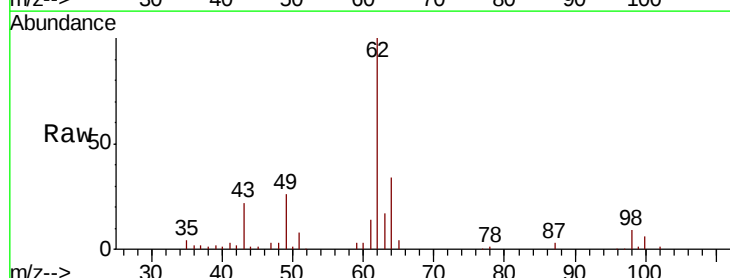
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#42
1,2-Dichloroethane
Concen: 49.155 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion:	62	Resp:	57024
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8





#43

Isopropyl Acetate

Concen: 46.506 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

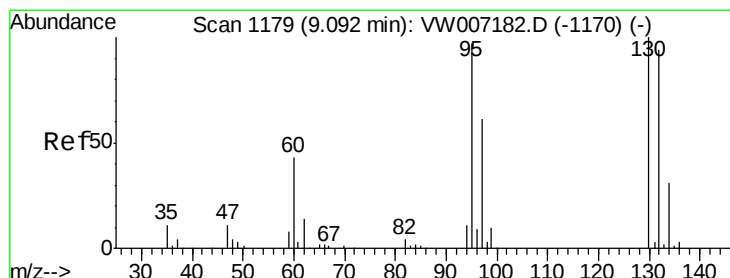
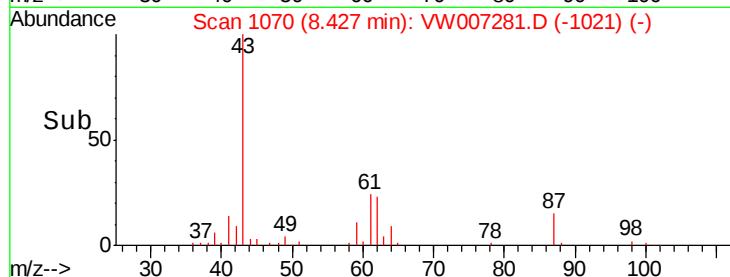
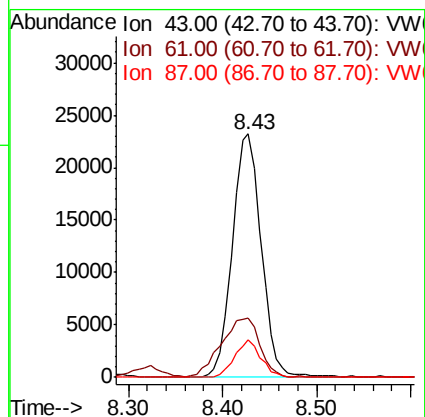
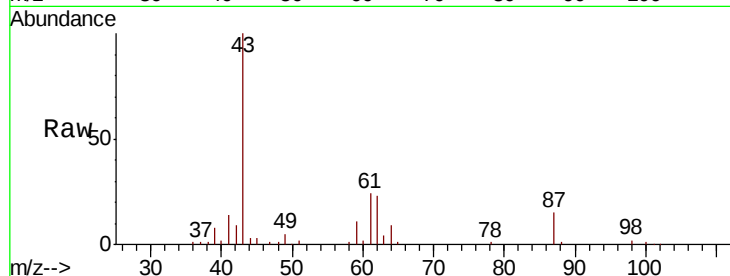
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	49458
Ion	Ratio	Lower	Upper
43	100		
61	32.7	25.4	38.0
87	13.9	11.4	17.0

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#44

Trichloroethene

Concen: 52.484 ug/l

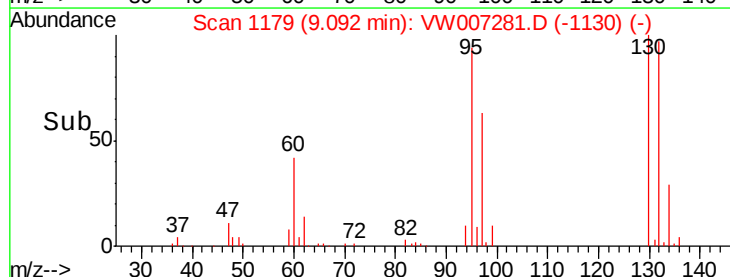
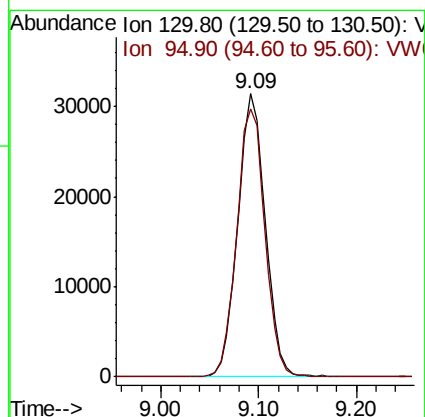
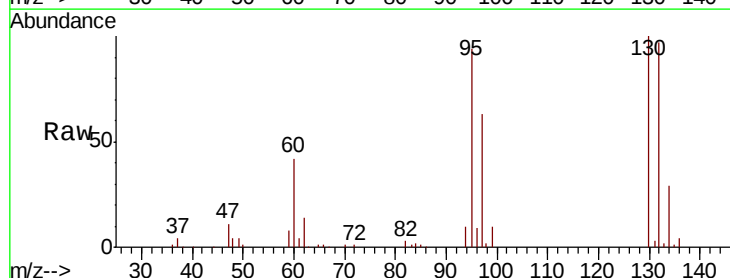
RT: 9.09 min Scan# 1179

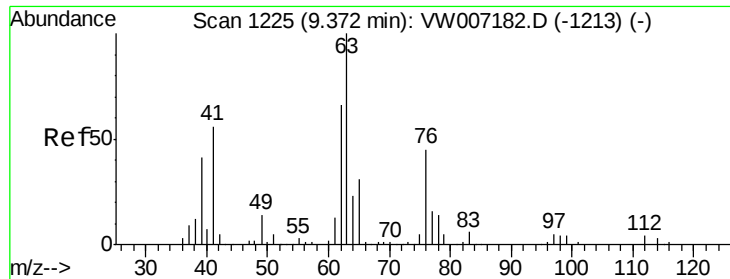
Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Tgt Ion:	130	Resp:	61238
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	194.0





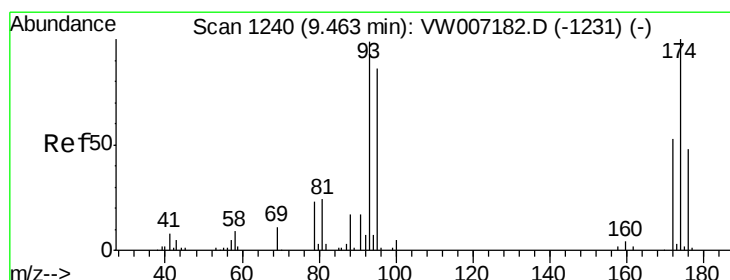
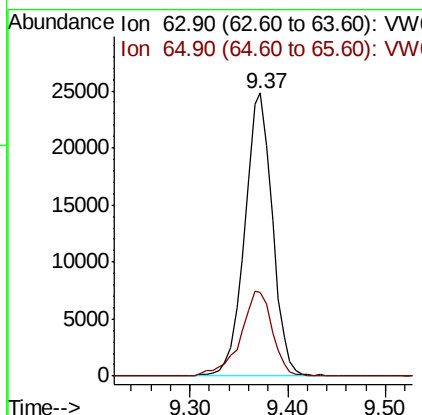
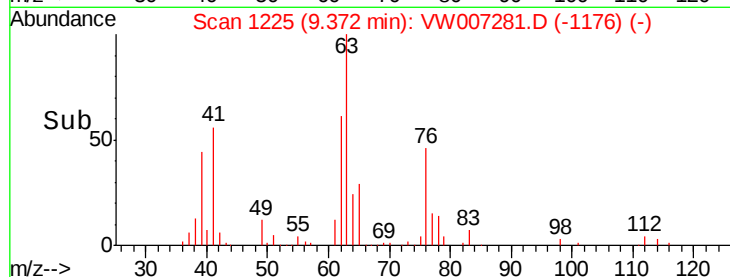
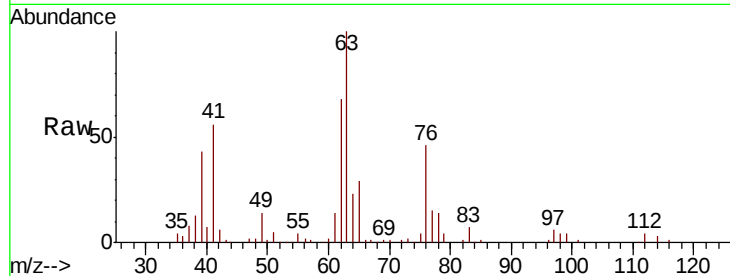
#45
 1,2-Dichloropropane
 Concen: 50.534 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 63 Resp: 48813
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.0 37.4

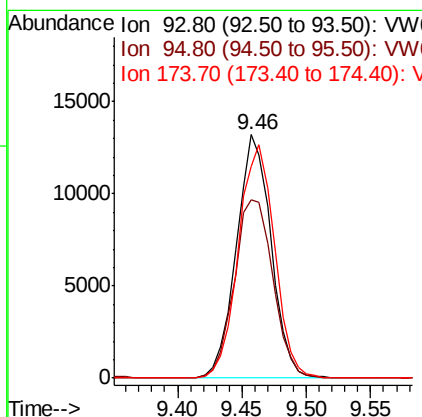
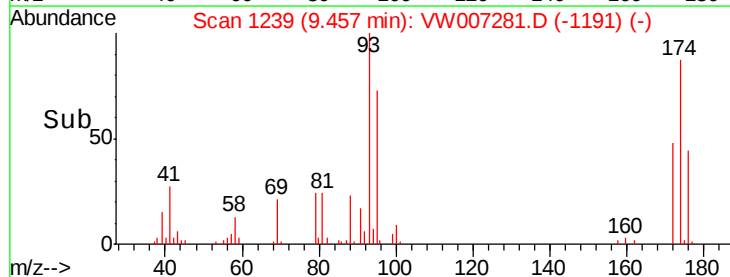
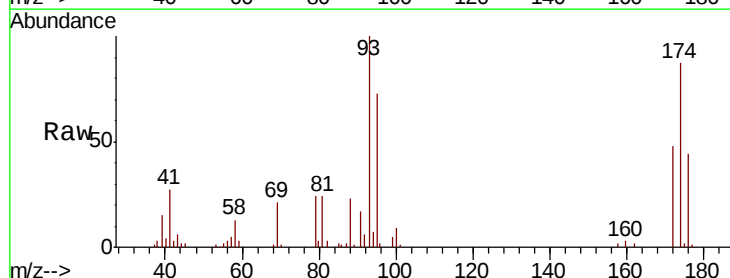
Manual Integrations
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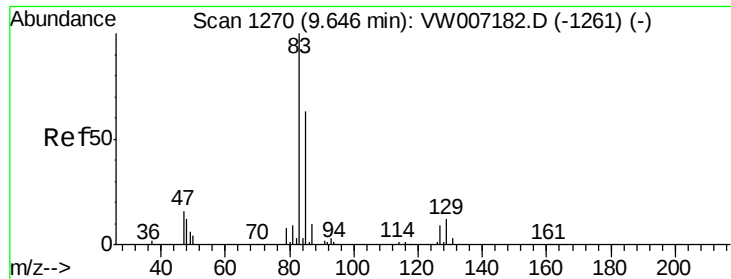
apatel
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#46
 Dibromomethane
 Concen: 49.080 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Tgt Ion: 93 Resp: 24635
 Ion Ratio Lower Upper
 93 100
 95 81.8 68.7 103.1
 174 99.6 82.9 124.3





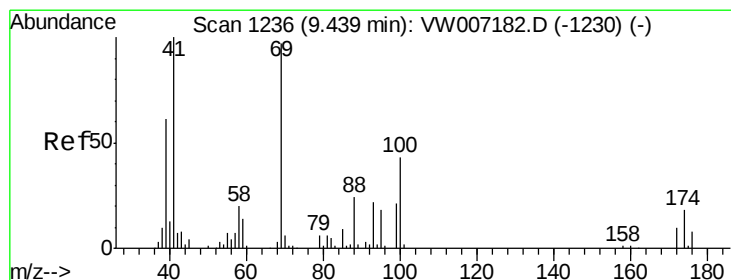
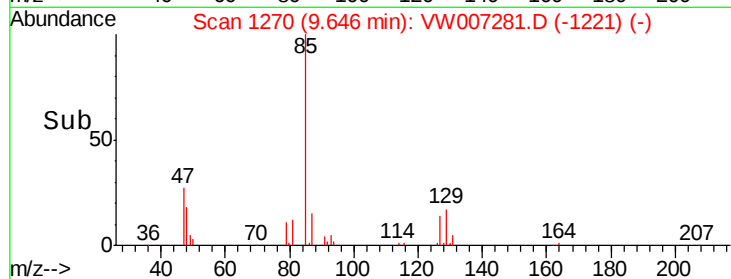
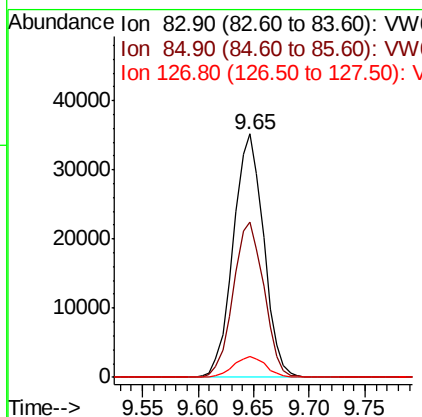
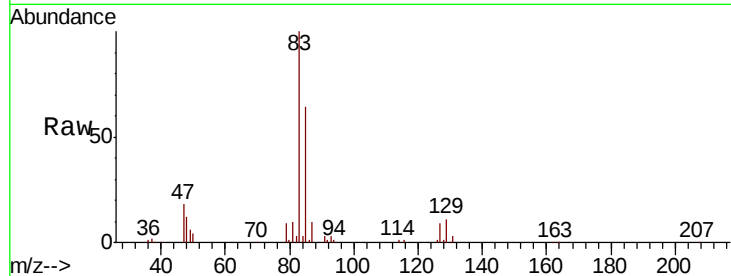
#47
 Bromodichloromethane
 Concen: 50.430 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	66583
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	50.6	76.0
127	8.6	7.3	10.9

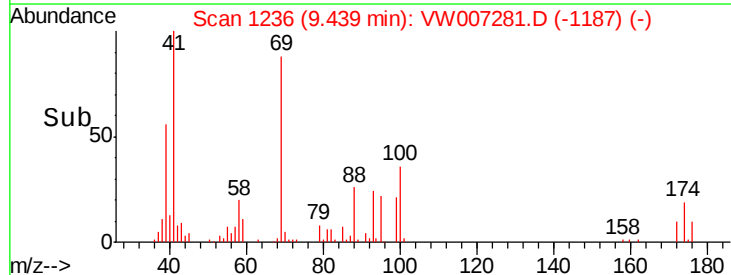
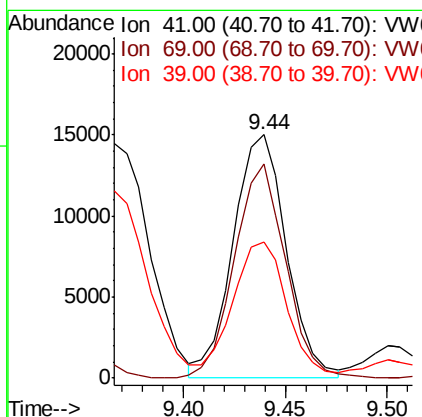
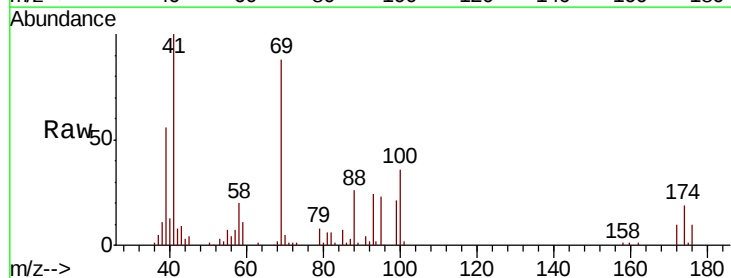
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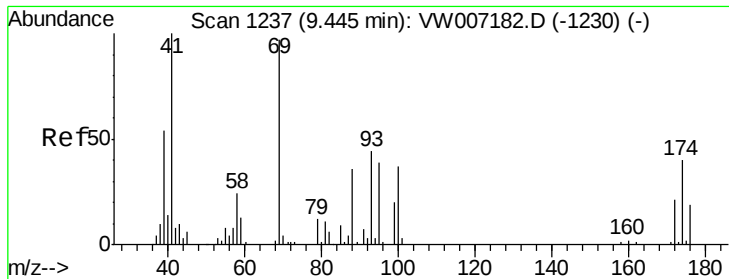
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#48
 Methyl methacrylate
 Concen: 49.184 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Tgt Ion	41	Resp	27147
Ion Ratio	100	Lower	Upper
41	100		
69	85.0	69.6	104.4
39	53.0	42.4	63.6





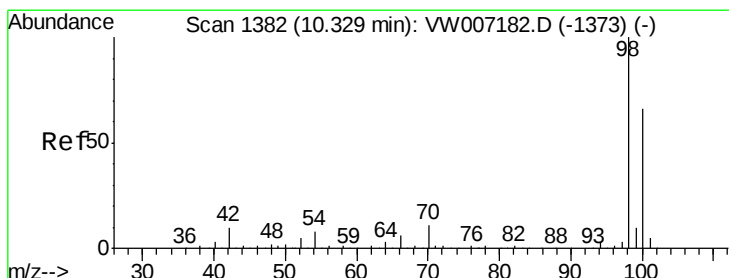
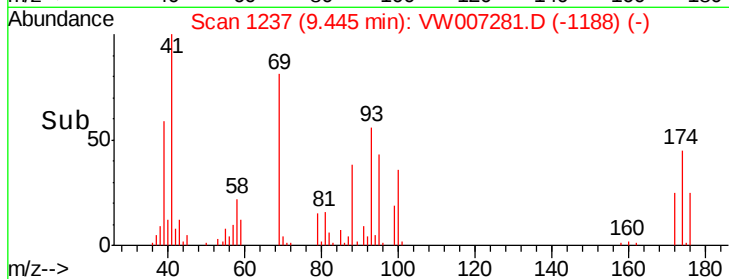
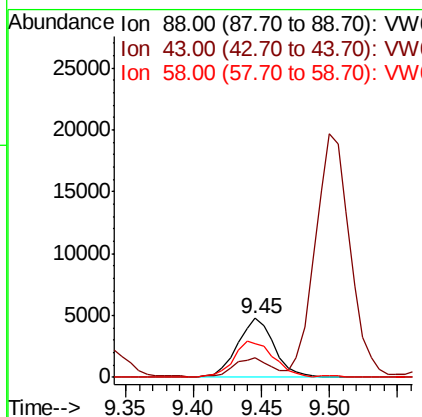
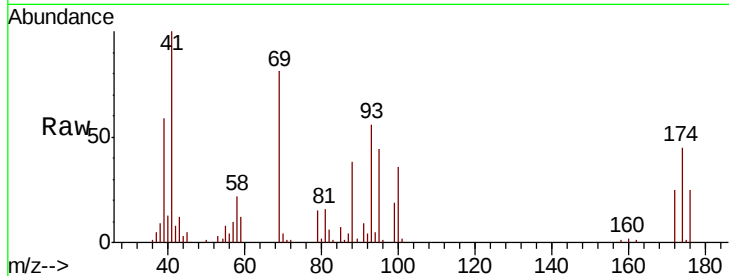
#49
 1,4-Dioxane
 Concen: 1020.954 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	25.8	38.8
58	67.4	58.9	88.3

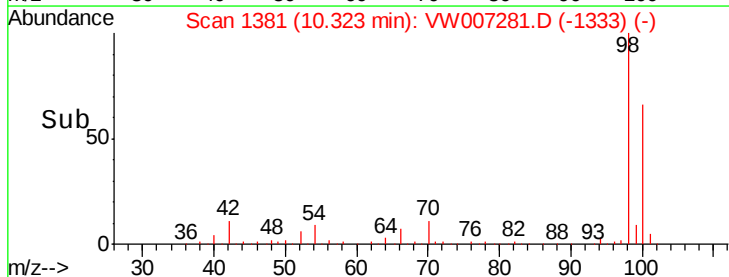
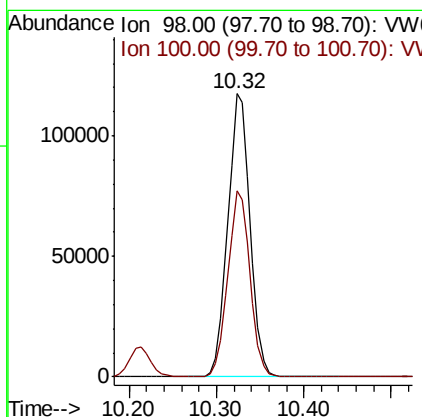
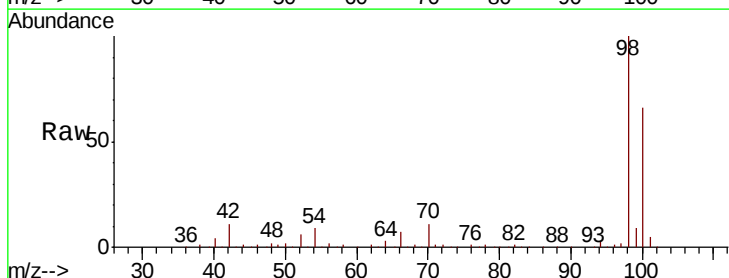
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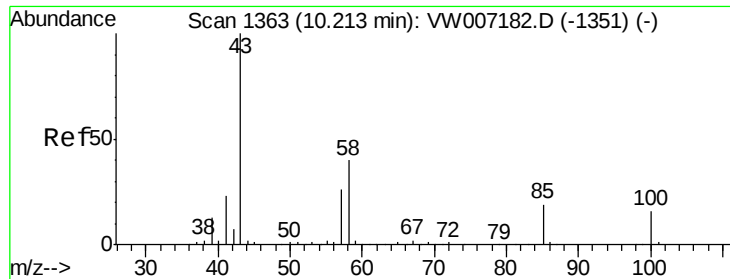
apatel
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#50
 Toluene-d8
 Concen: 52.871 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 240.645 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 126118

Ion Ratio Lower Upper

43 100

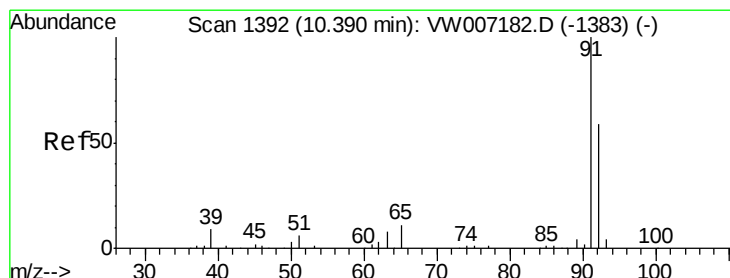
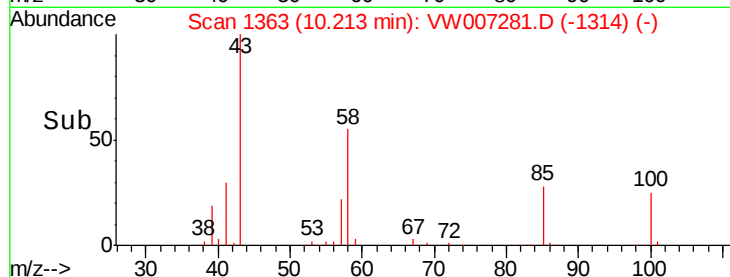
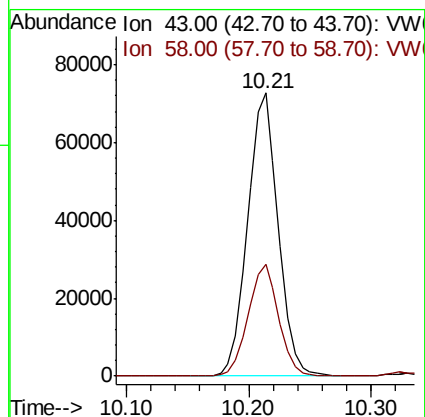
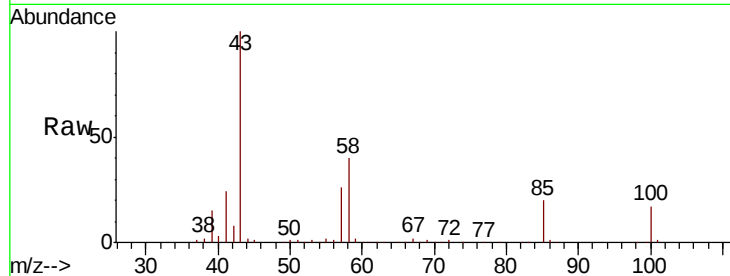
58 39.5 32.3 48.5

Manual Integrations

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#52

Toluene

Concen: 51.140 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007281.D

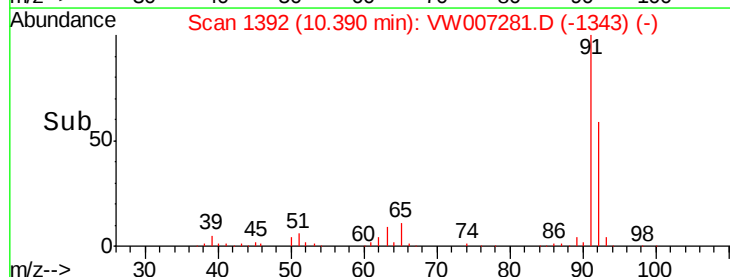
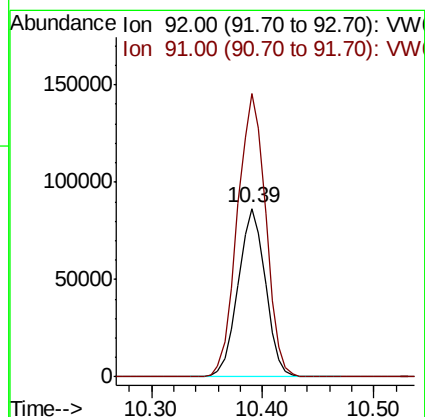
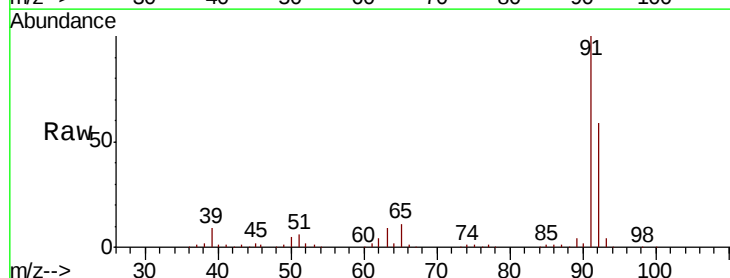
Acq: 06 Dec 2018 16:12

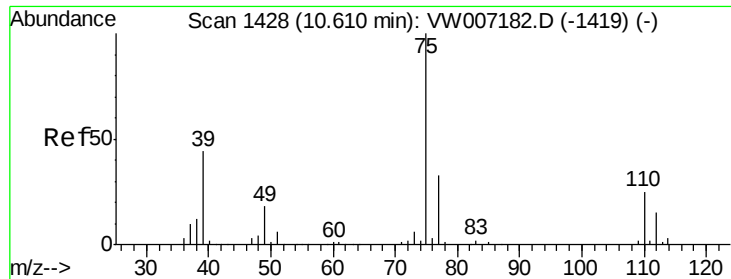
Tgt Ion: 92 Resp: 147663

Ion Ratio Lower Upper

92 100

91 174.0 136.0 204.0





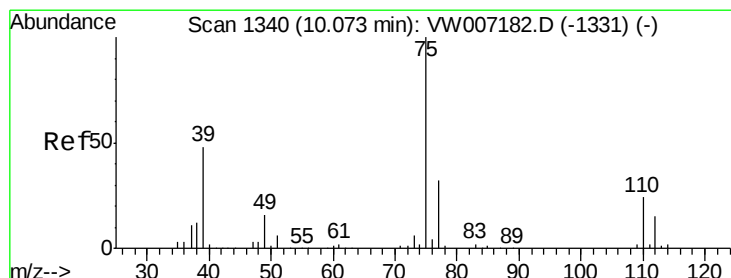
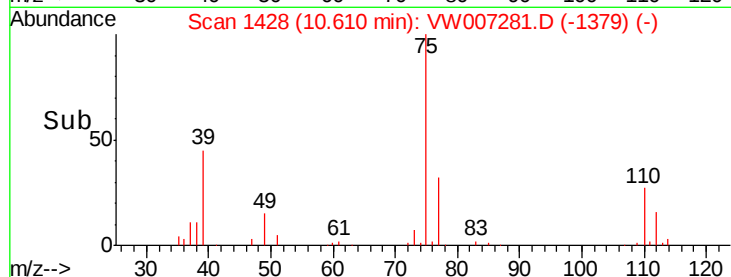
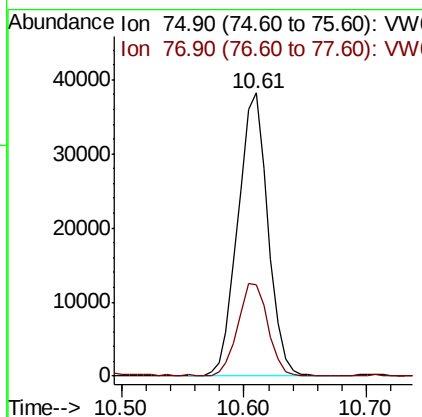
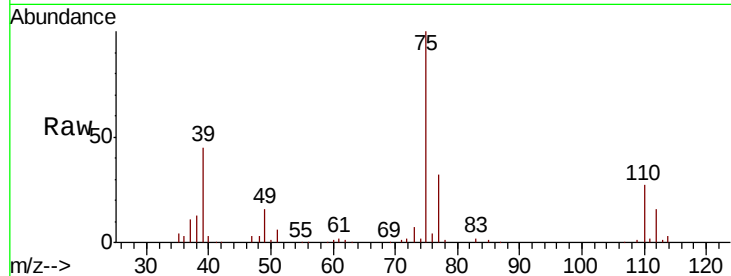
#53
t-1,3-Dichloropropene
Concen: 48.946 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 64972
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2

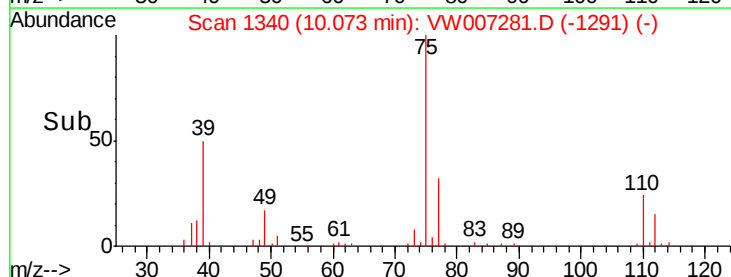
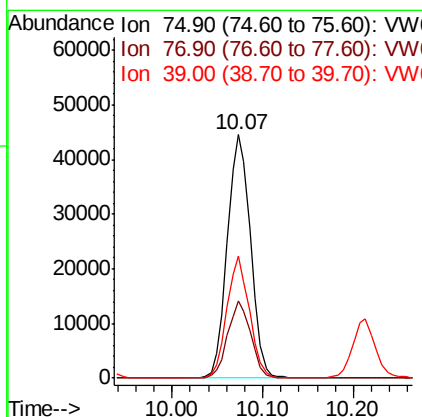
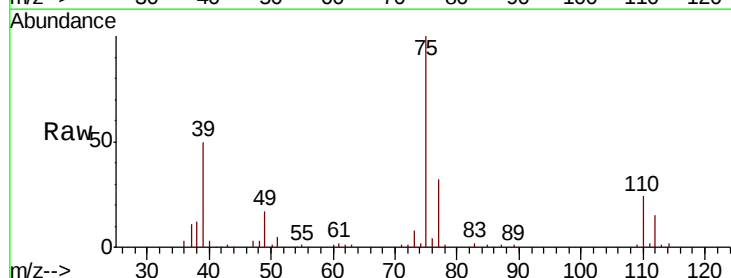
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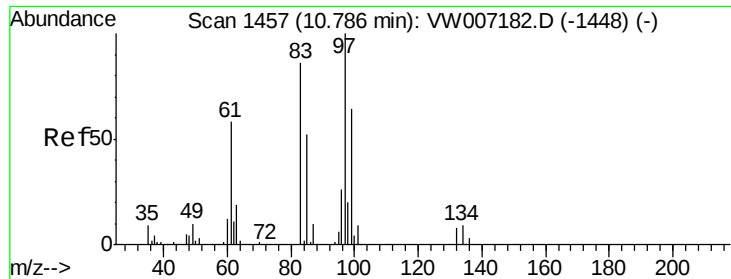
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#54
cis-1,3-Dichloropropene
Concen: 50.846 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion: 75 Resp: 79098
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
39 50.1 38.0 57.0





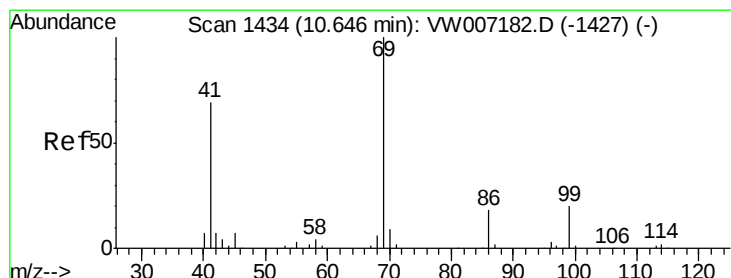
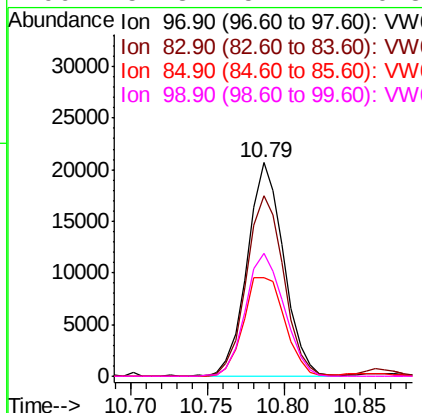
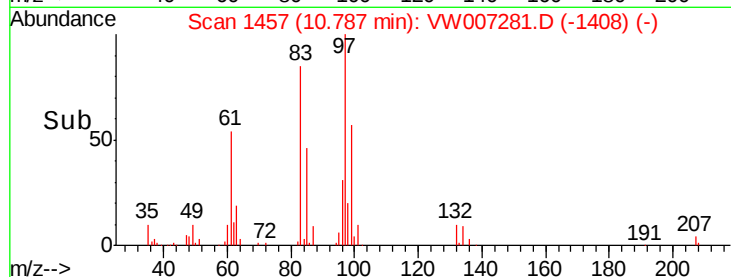
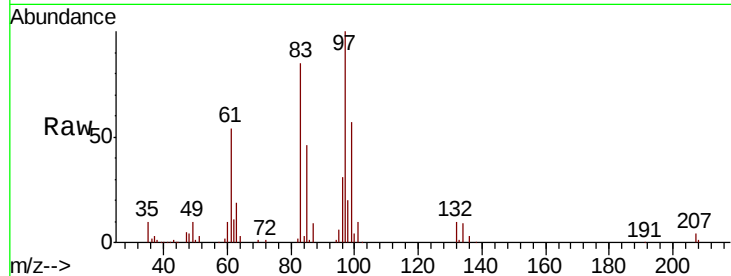
#55
 1,1,2-Trichloroethane
 Concen: 48.203 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	34415
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.6	102.8
85	46.3	41.4	62.2
99	57.3	51.2	76.8

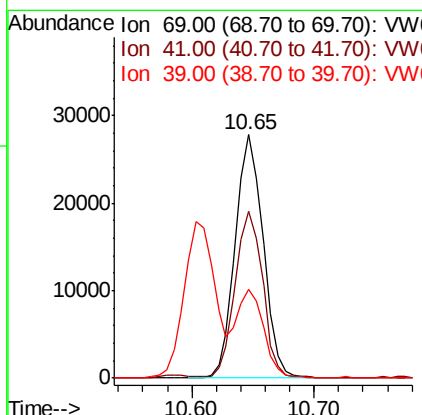
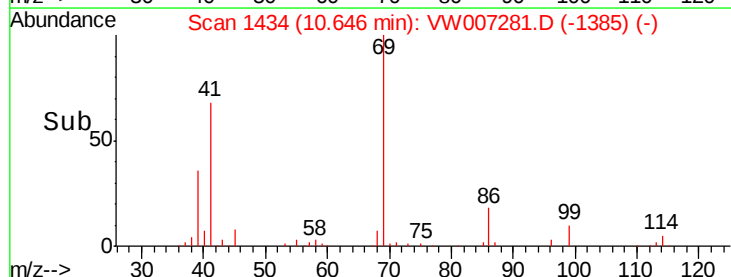
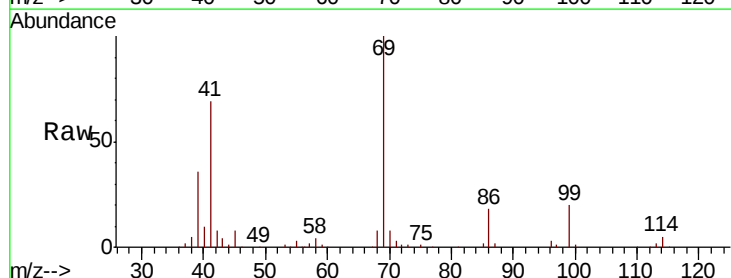
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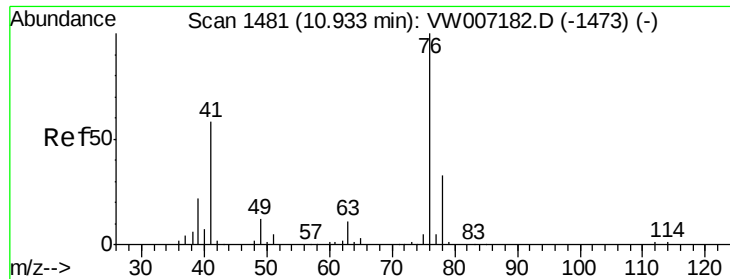
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#56
 Ethyl methacrylate
 Concen: 47.296 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Tgt Ion:	69	Resp:	44048
Ion	Ratio	Lower	Upper
69	100		
41	68.2	51.8	77.6
39	35.3	28.7	43.1





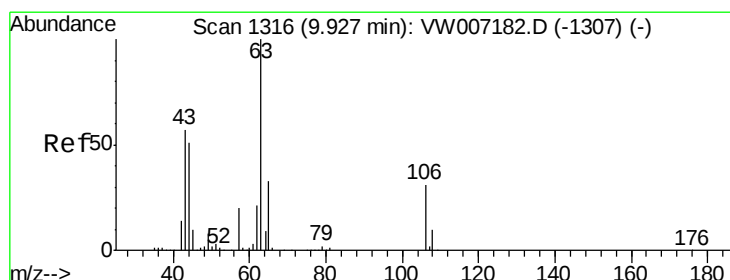
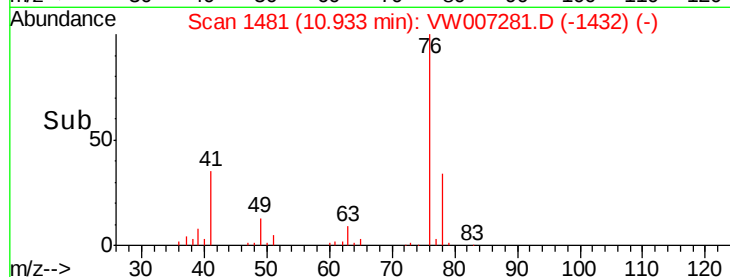
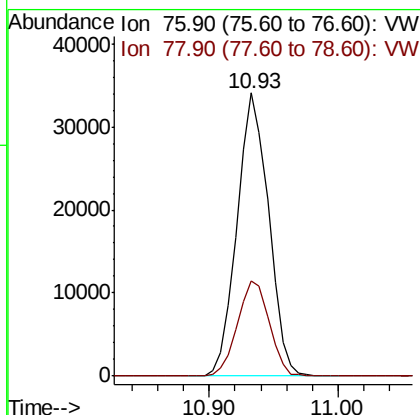
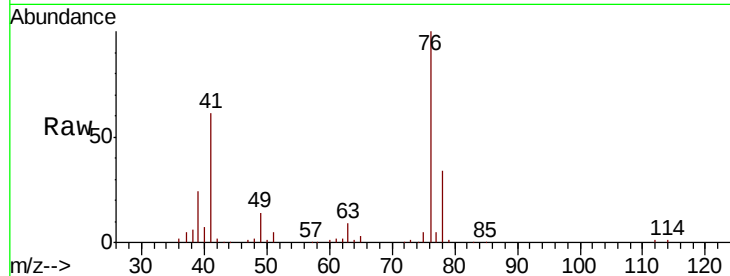
#57
 1,3-Dichloropropane
 Concen: 48.047 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 57915
 Ion Ratio Lower Upper
 76 100
 78 33.9 26.6 40.0

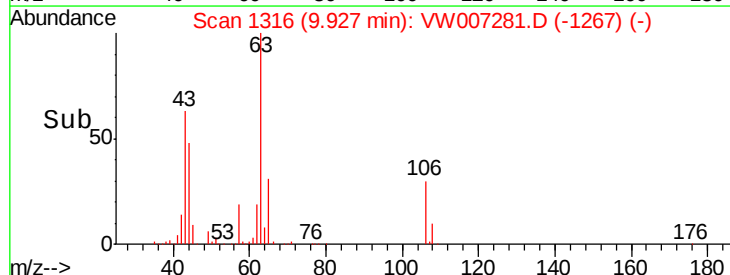
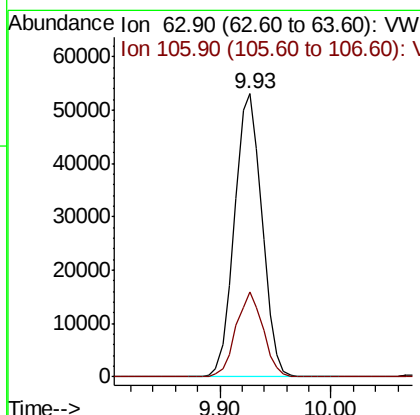
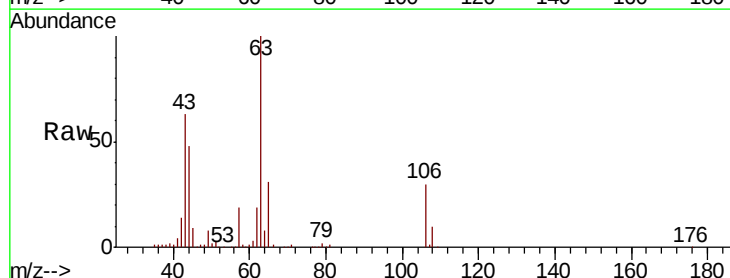
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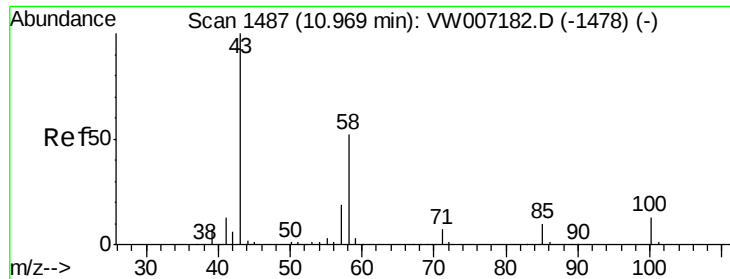
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#58
 2-Chloroethyl Vinyl ether
 Concen: 242.624 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Tgt Ion: 63 Resp: 90760
 Ion Ratio Lower Upper
 63 100
 106 29.5 24.1 36.1





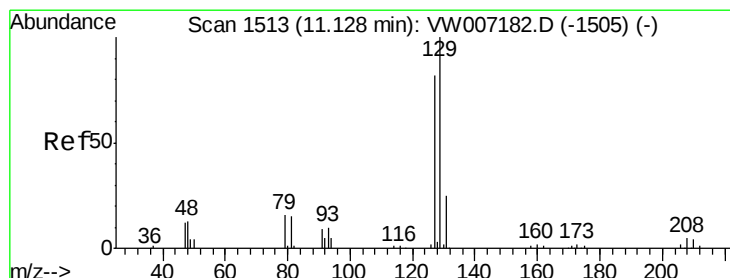
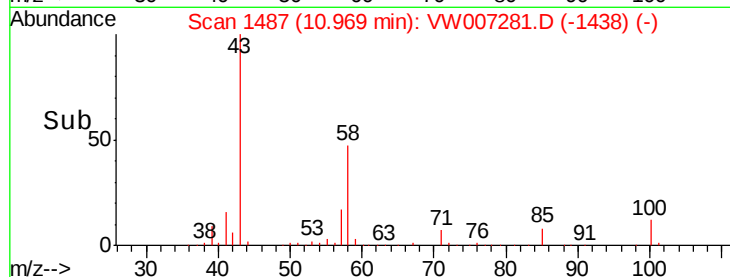
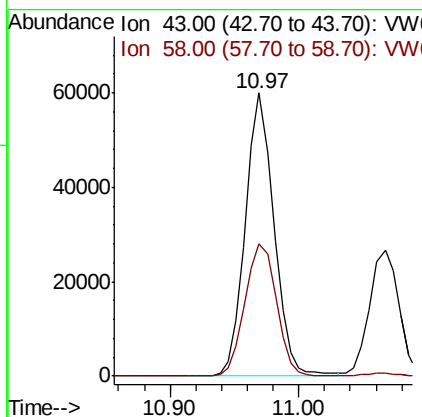
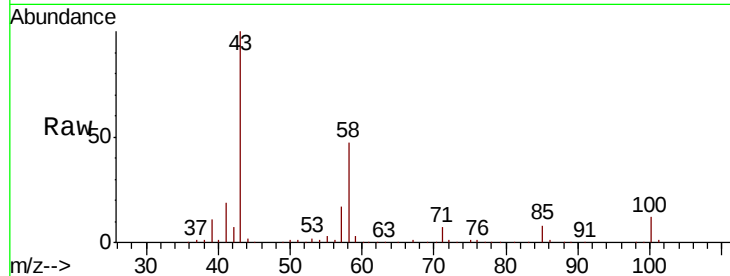
#59
2-Hexanone
Concen: 242.822 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 92252
Ion Ratio Lower Upper
43 100
58 51.5 28.1 84.4

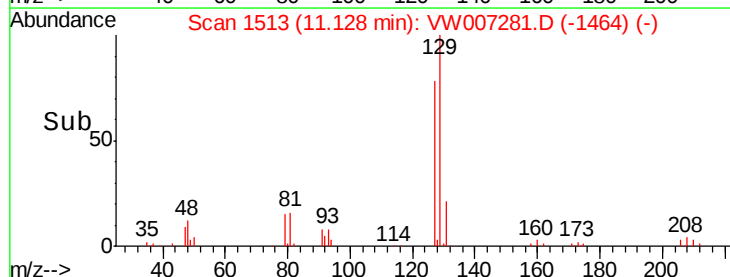
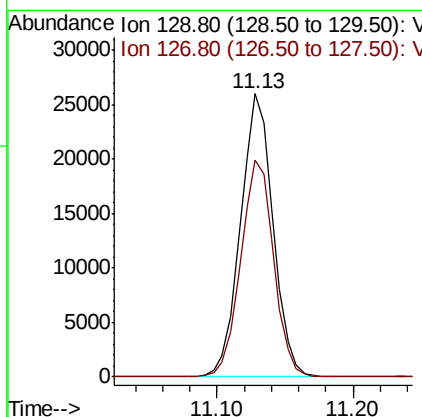
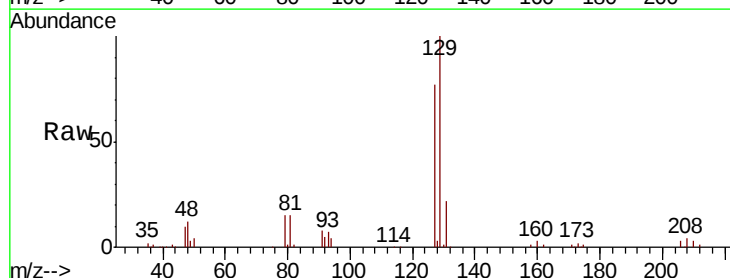
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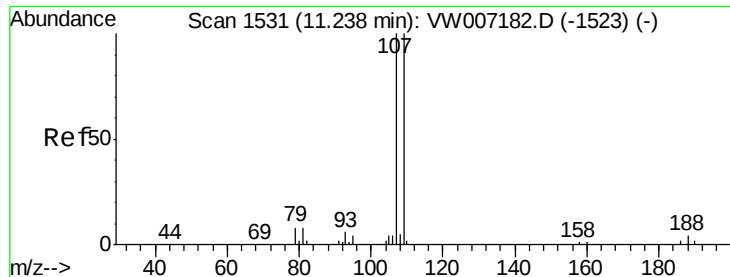
apatel
12/7/2018 12:19:53 PM



#60
Dibromochloromethane
Concen: 49.489 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion: 129 Resp: 43426
Ion Ratio Lower Upper
129 100
127 77.4 39.8 119.4





#61

1,2-Dibromoethane

Concen: 46.930 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 32137

Ion Ratio Lower Upper

107 100

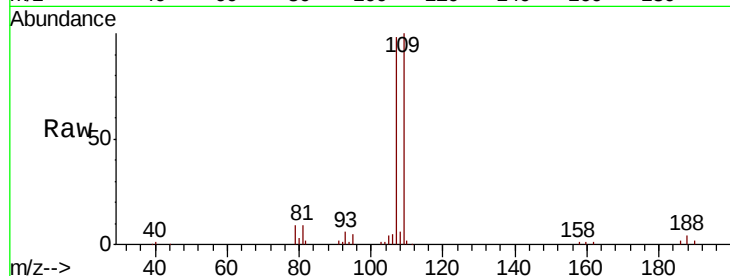
109 99.5 77.3 115.9

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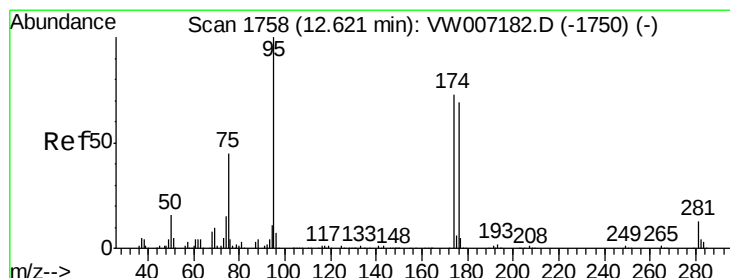
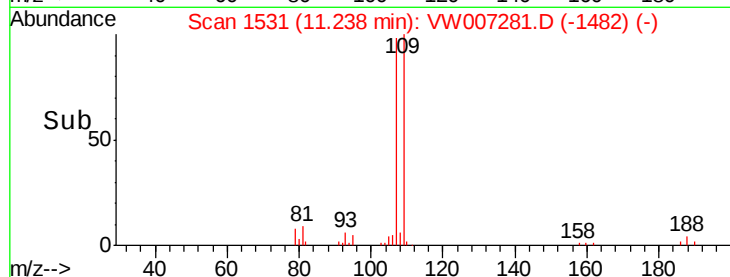
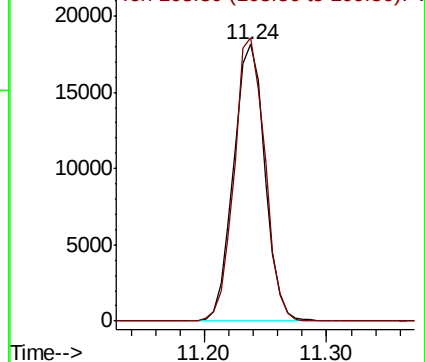
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.832 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

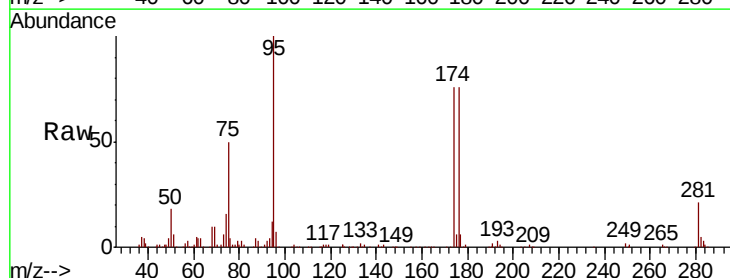
Tgt Ion: 95 Resp: 72325

Ion Ratio Lower Upper

95 100

174 76.9 0.0 148.0

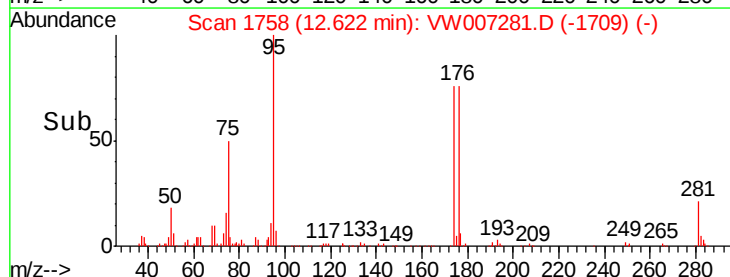
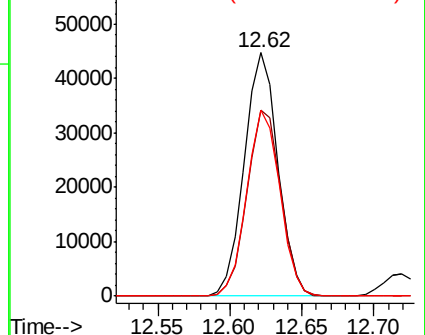
176 75.3 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





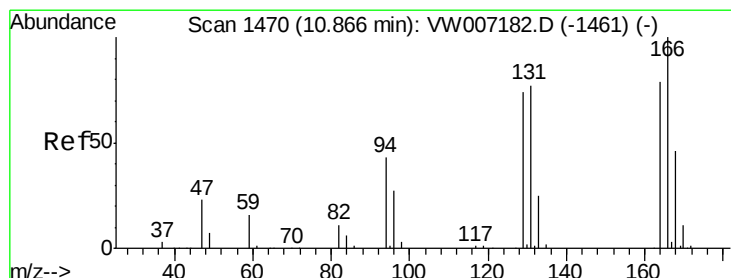
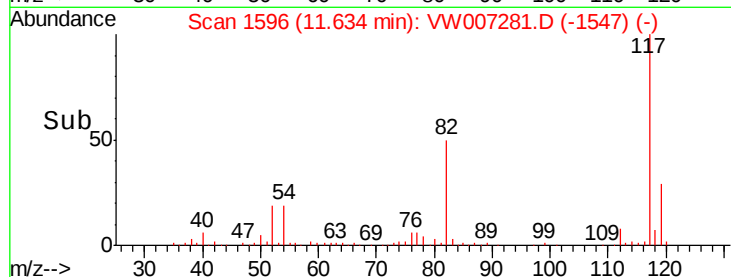
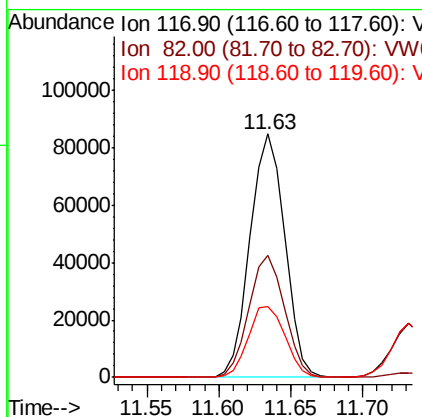
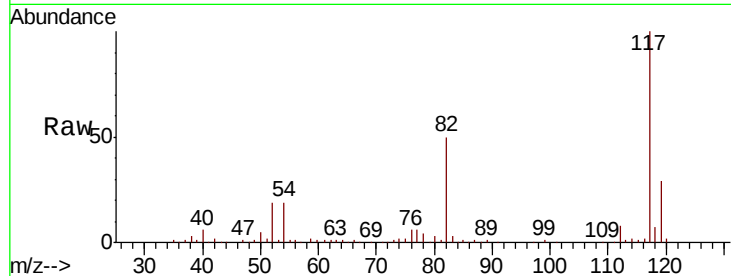
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	47.4	71.2
119	29.1	26.8	40.2

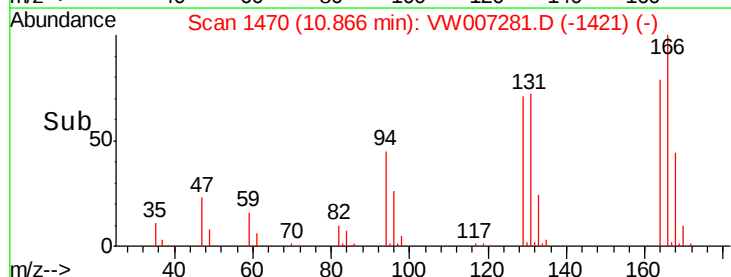
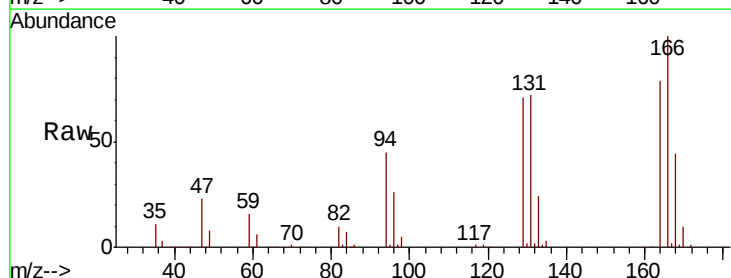
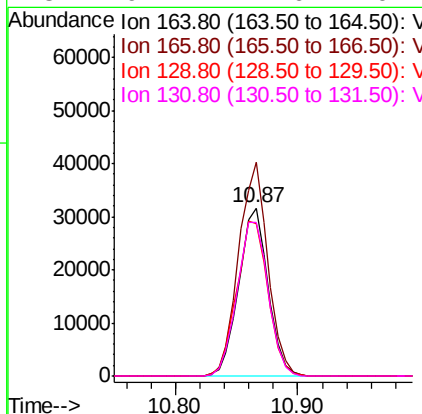
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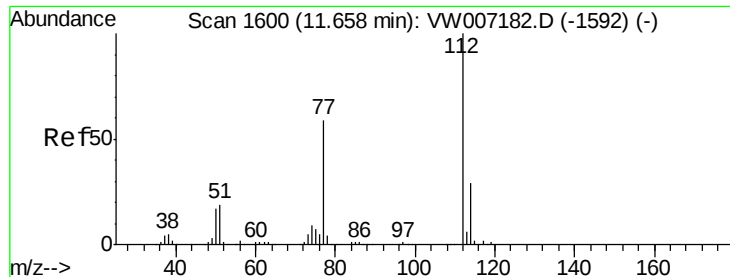
apatel
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#64
Tetrachloroethene
Concen: 50.601 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.0	151.4
129	90.6	74.6	111.8
131	91.1	77.6	116.4





#65

Chlorobenzene

Concen: 49.250 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 155756

Ion Ratio Lower Upper

112 100

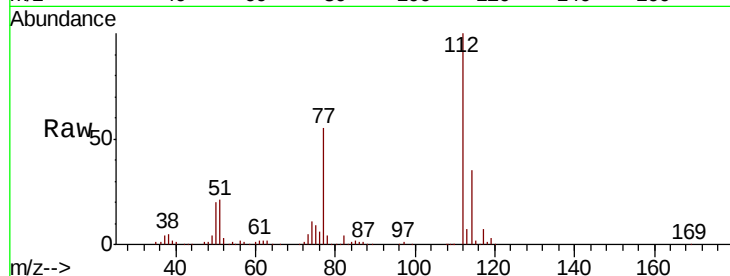
114 34.7 23.0 34.4#

Manual Integrations

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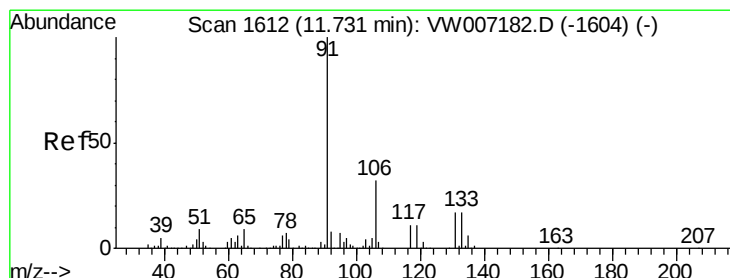
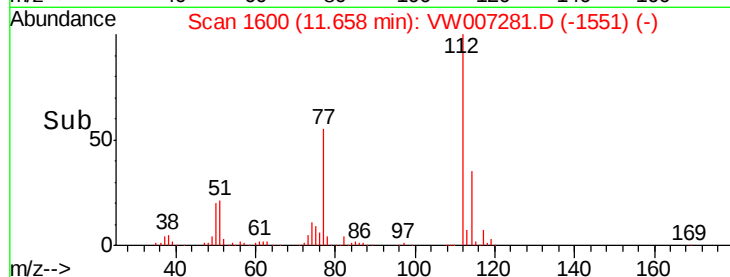
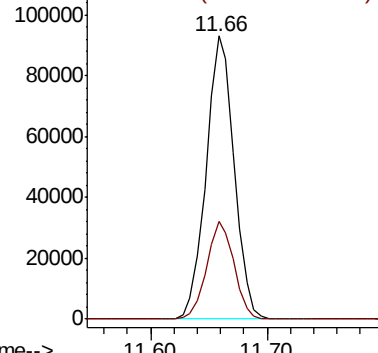
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.868 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

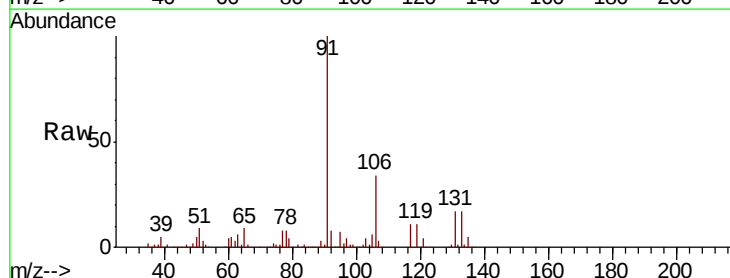
Tgt Ion:131 Resp: 48707

Ion Ratio Lower Upper

131 100

133 99.6 48.0 144.2

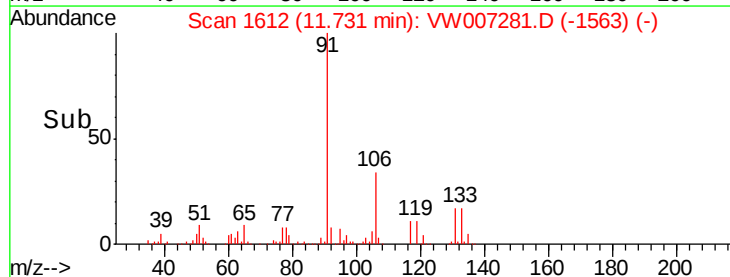
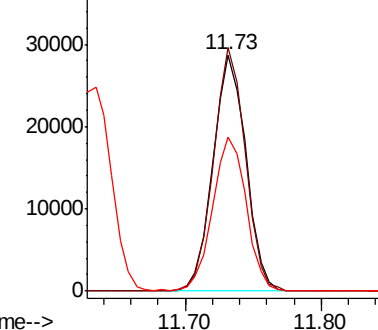
119 66.4 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





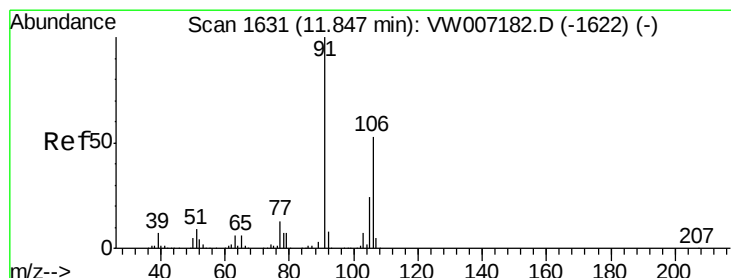
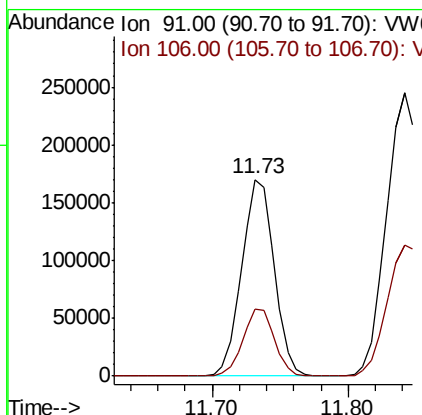
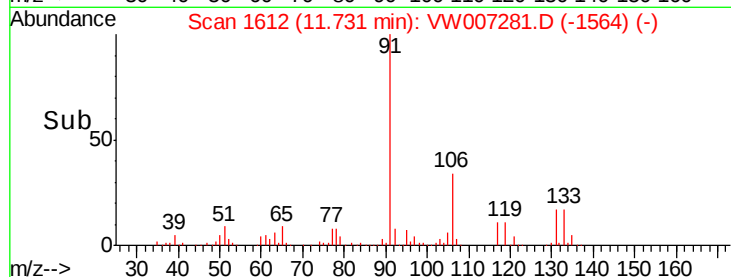
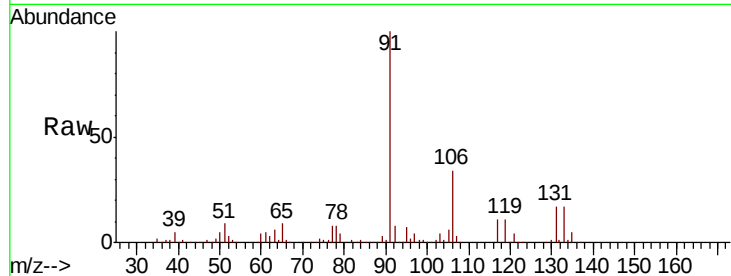
#67
Ethyl Benzene
Concen: 49.318 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 284270
Ion Ratio Lower Upper
91 100
106 34.3 26.0 39.0

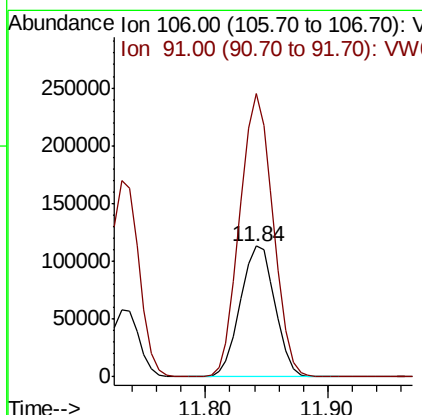
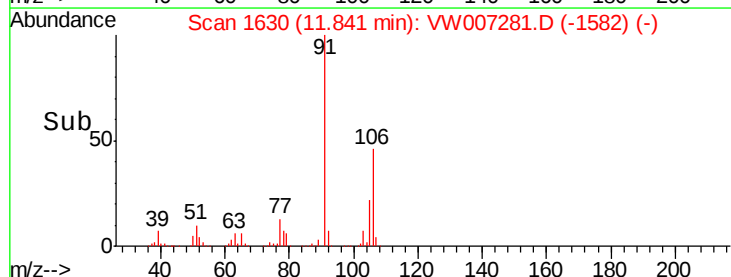
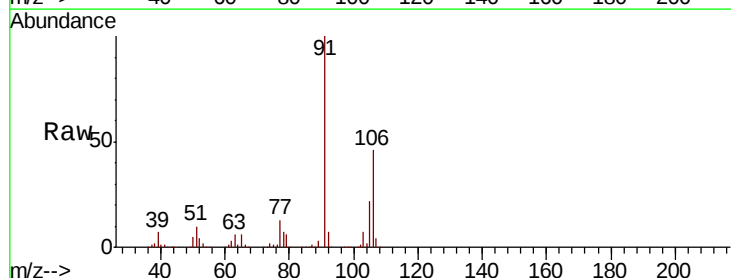
Manual Integrations
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#68
m/p-Xylenes
Concen: 98.113 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion: 106 Resp: 221861
Ion Ratio Lower Upper
106 100
91 208.1 160.2 240.4





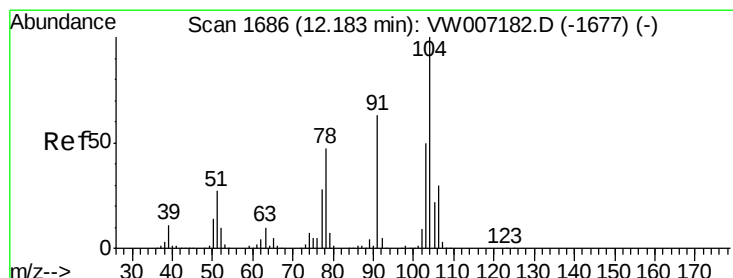
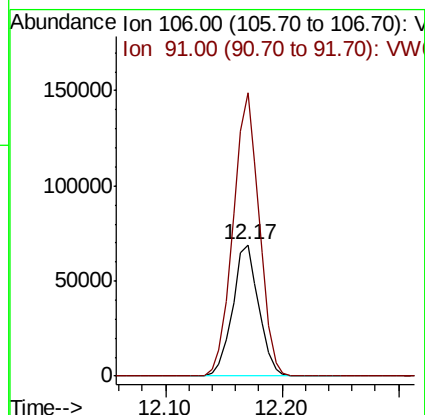
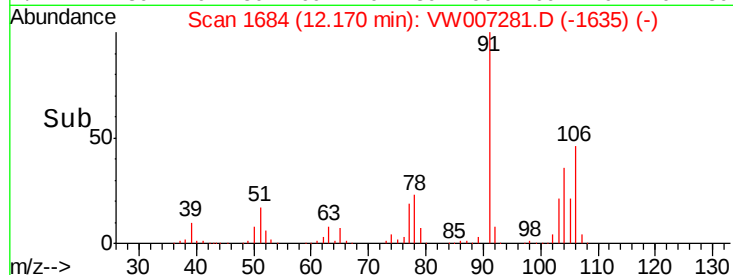
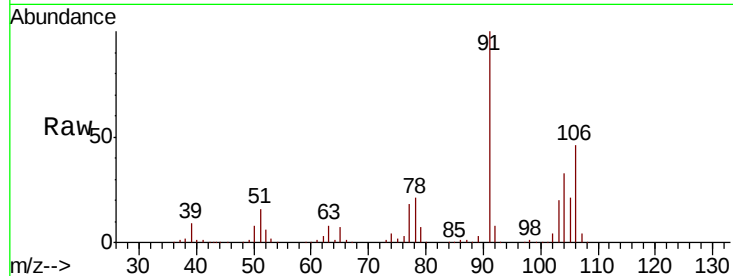
#69
o-Xylene
Concen: 50.841 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	216.1	104.9	314.7

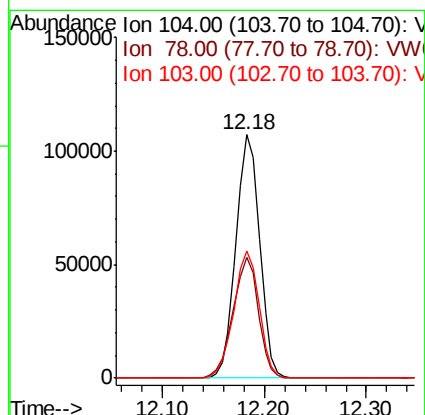
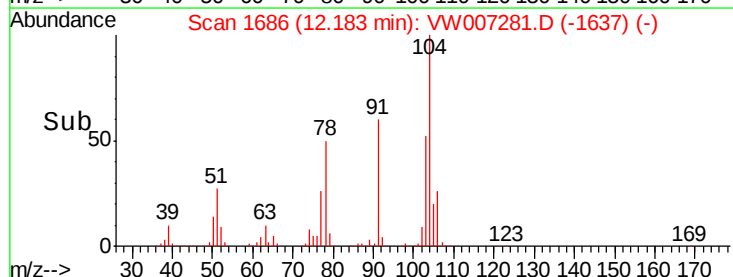
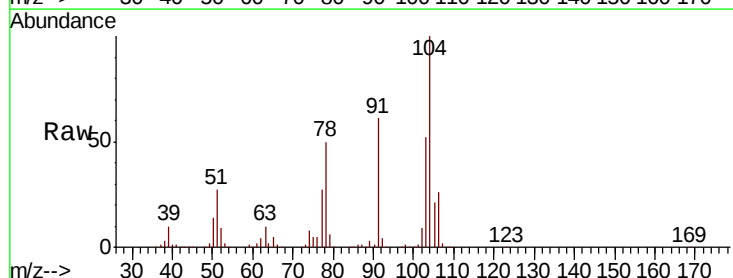
Manual Integrations
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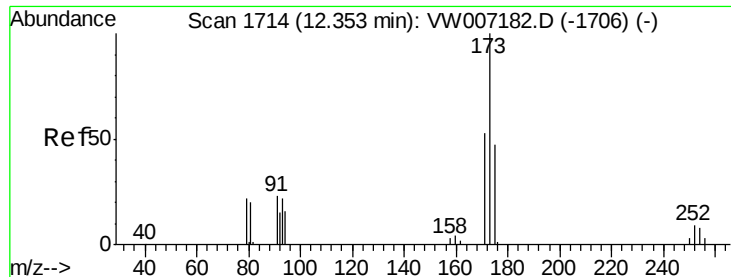
apatel
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#70
Styrene
Concen: 49.852 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	53.0	40.6	60.8
103	103	55.6	43.0	64.4





#71

Bromoform

Concen: 47.573 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 23260

Ion Ratio Lower Upper

173 100

175 49.7 24.0 72.0

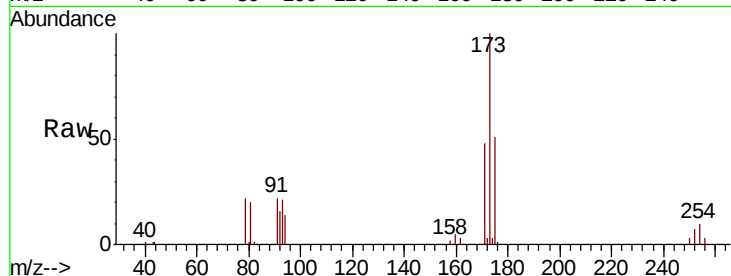
254 0.0 0.0 0.0

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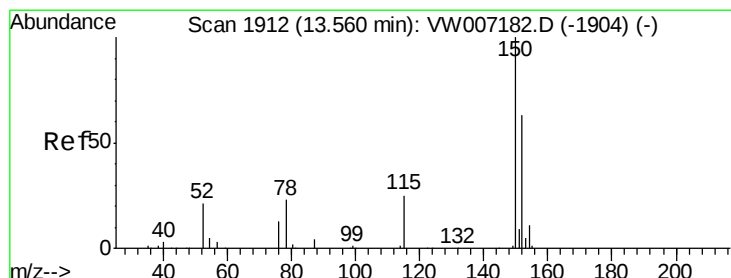
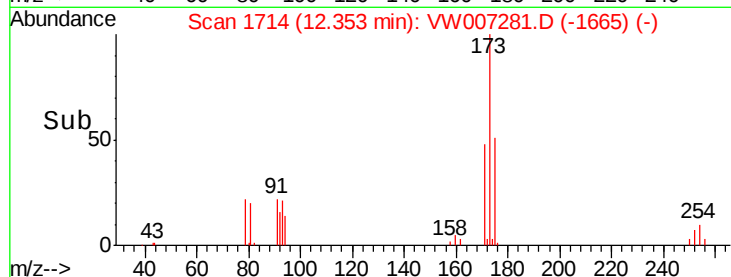
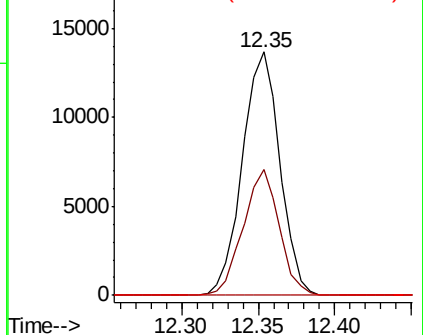
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW007281.D

Acq: 06 Dec 2018 16:12

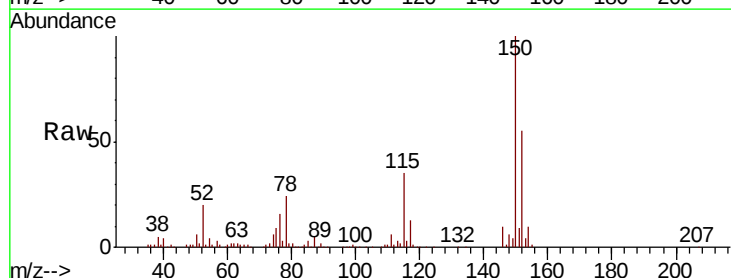
Tgt Ion:152 Resp: 66587

Ion Ratio Lower Upper

152 100

115 61.4 31.3 93.8

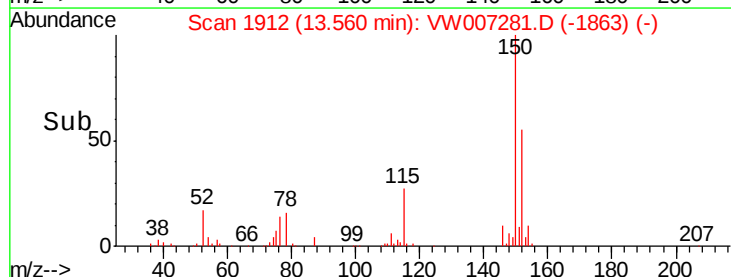
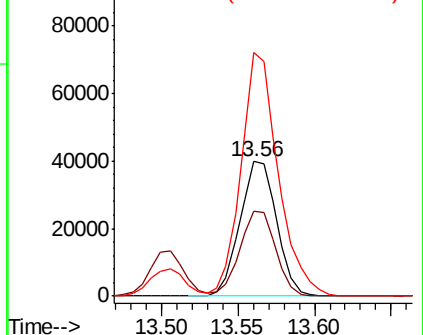
150 182.5 0.0 358.0

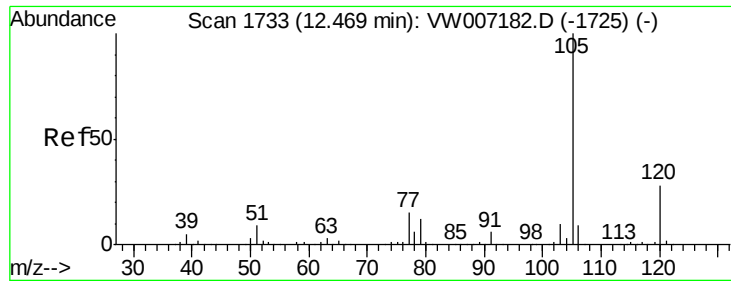


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.862 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 291702

Ion Ratio Lower Upper

105 100

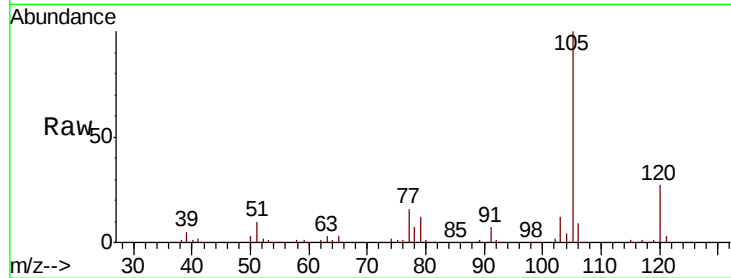
120 26.7 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

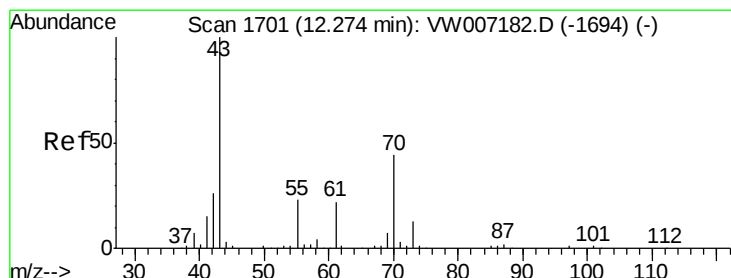
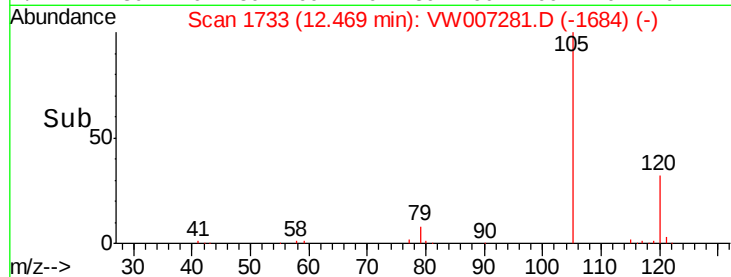
50000

0

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 47.909 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Tgt Ion: 43 Resp: 46002

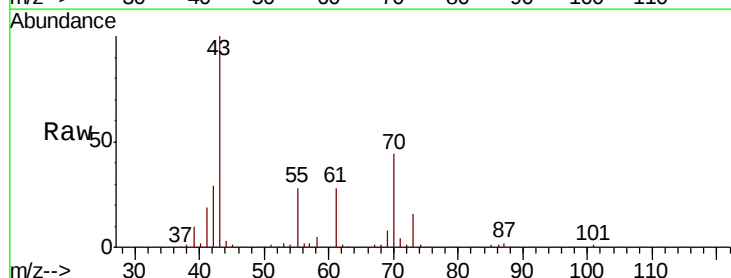
Ion Ratio Lower Upper

43 100

70 44.6 34.0 51.0

55 25.5 19.0 28.6

61 26.2 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

40000

30000

20000

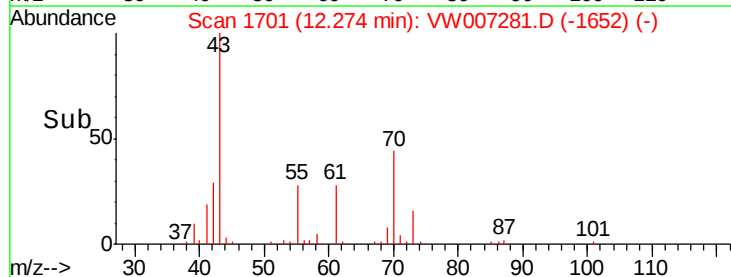
10000

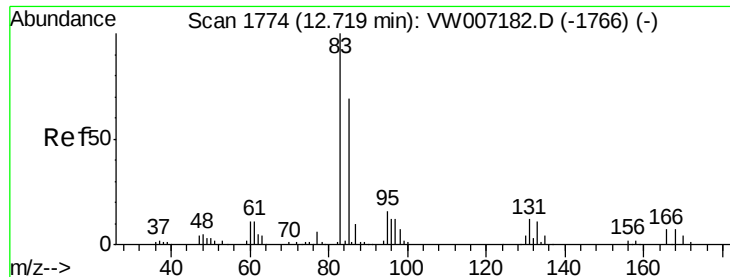
0

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.179 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

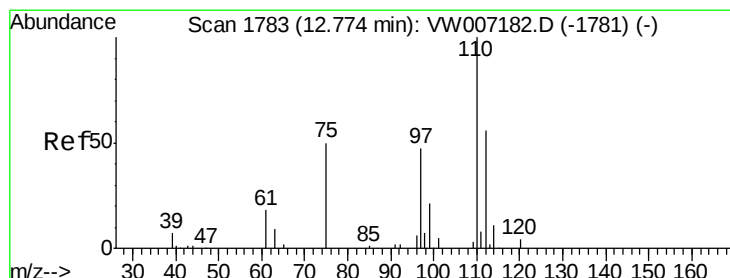
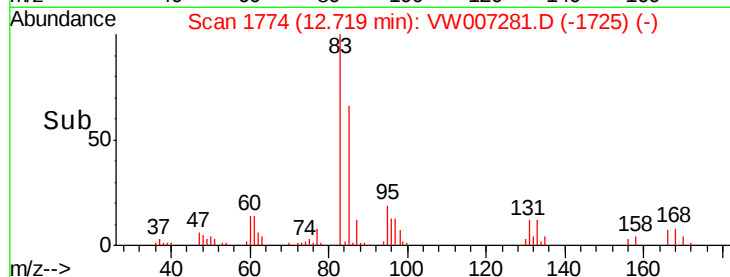
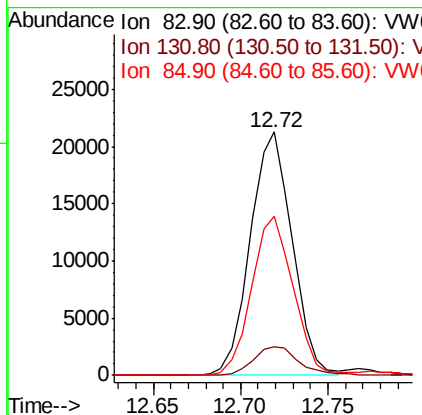
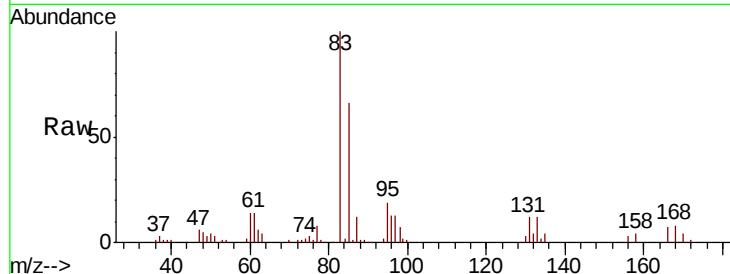
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	35294
Ion Ratio	Lower	Upper	
83	100		
131	12.7	6.0	18.1
85	65.1	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 54.134 ug/l m

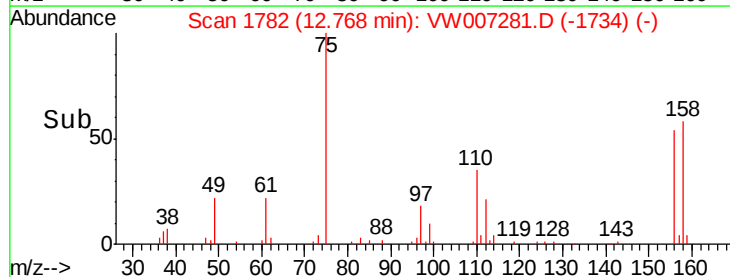
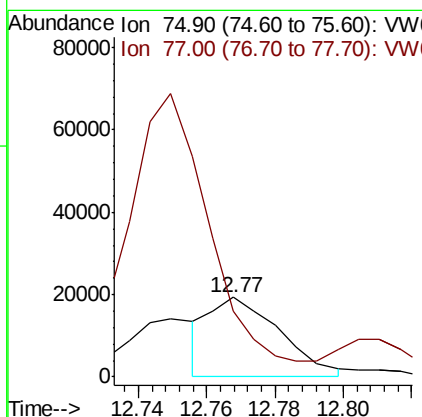
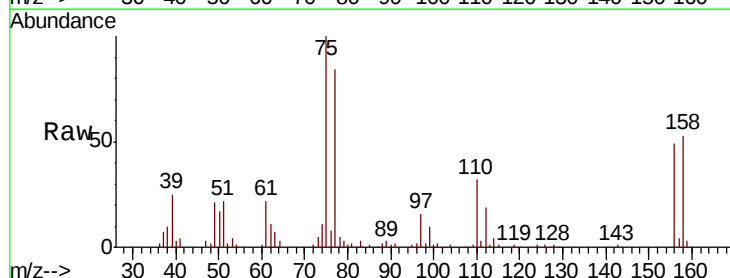
RT: 12.77 min Scan# 1782

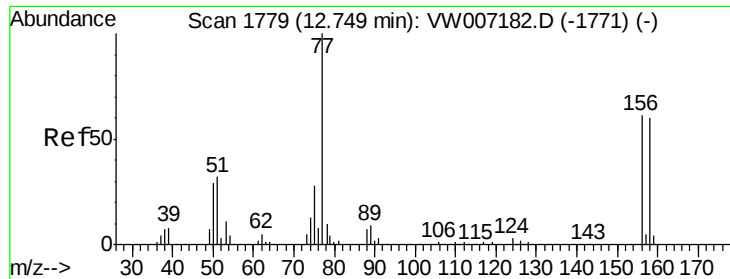
Delta R.T. -0.01 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Tgt Ion:	75	Resp:	27911
Ion Ratio	Lower	Upper	
75	100		
77	415.6	0.0	0.0#





#77

Bromobenzene

Concen: 54.438 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

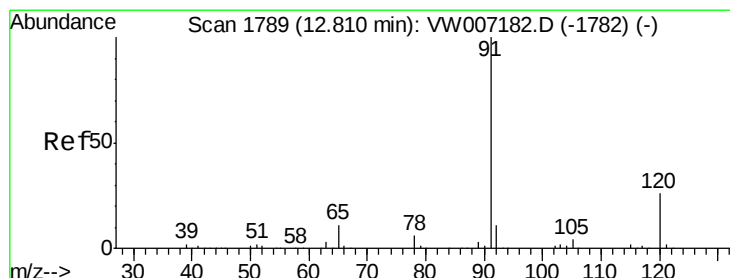
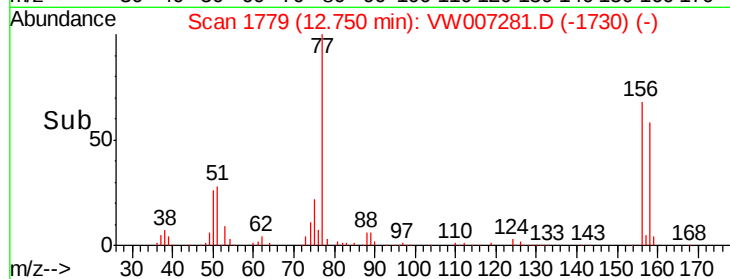
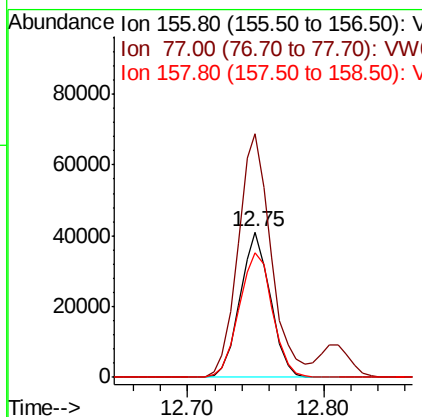
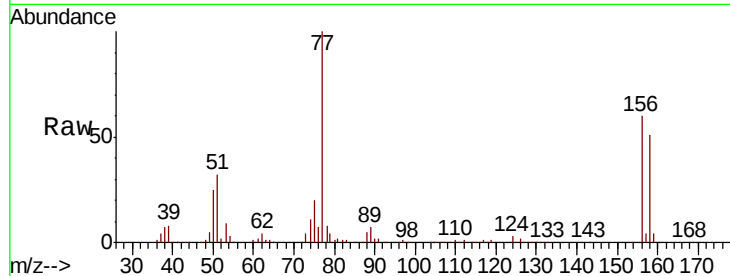
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	63638
Ion	Ratio	Lower	Upper
156	100		
77	182.3	92.0	276.1
158	94.3	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 53.179 ug/l

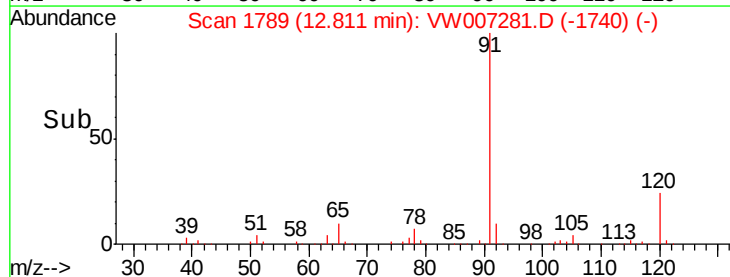
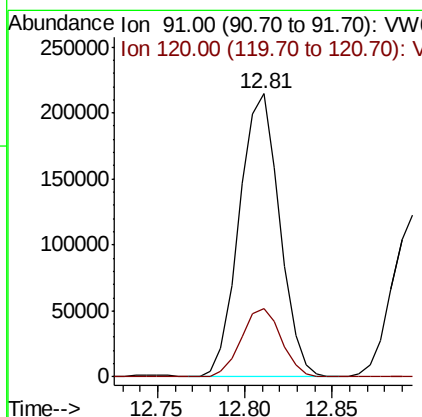
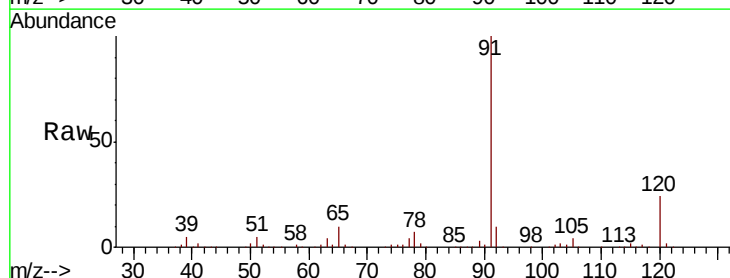
RT: 12.81 min Scan# 1789

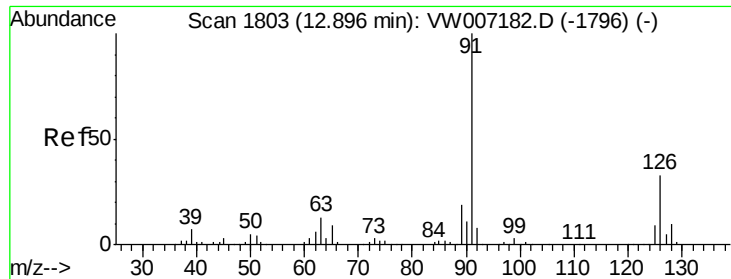
Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Tgt Ion:	91	Resp:	343119
Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.5	37.5





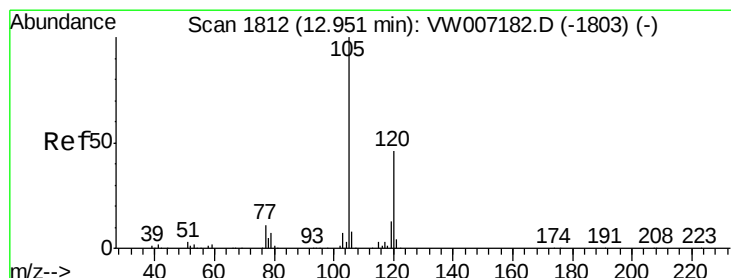
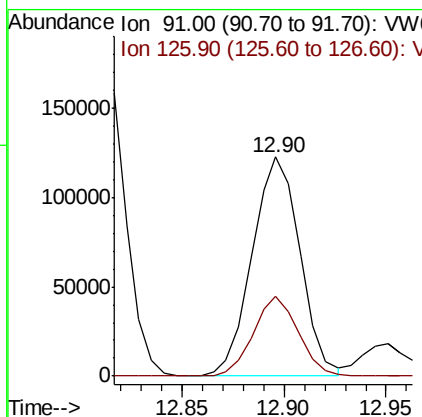
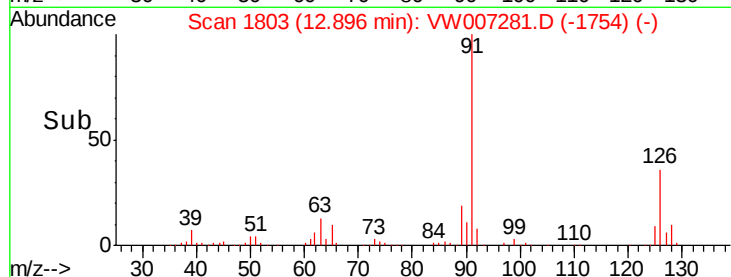
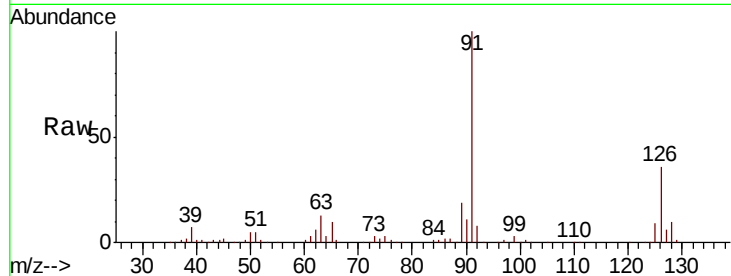
#79
 2-Chlorotoluene
 Concen: 54.698 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 199296
 Ion Ratio Lower Upper
 91 100
 126 34.5 16.7 50.1

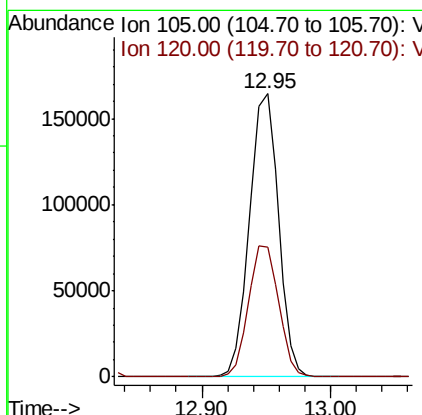
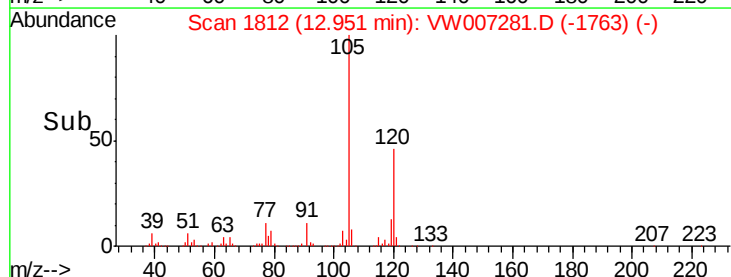
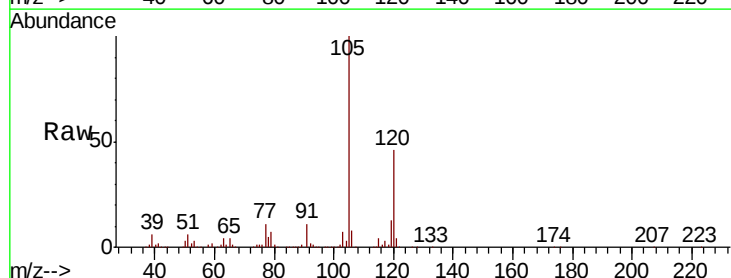
Manual Integrations
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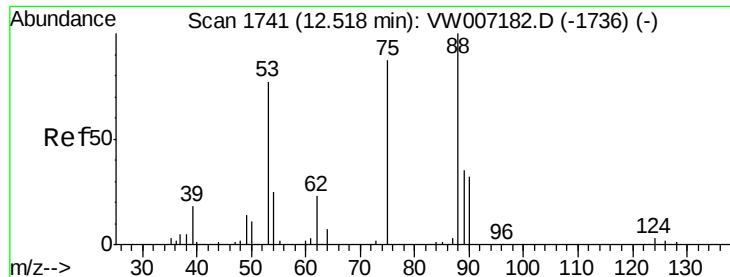
apatel
 12/7/2018 12:19:53 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 54.879 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Tgt Ion: 105 Resp: 254258
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.8 71.5





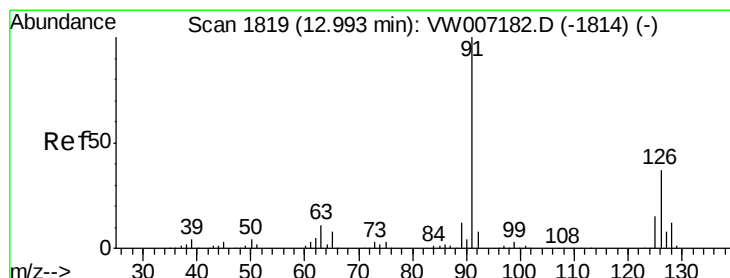
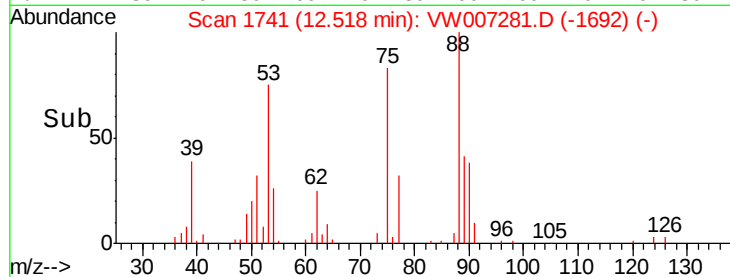
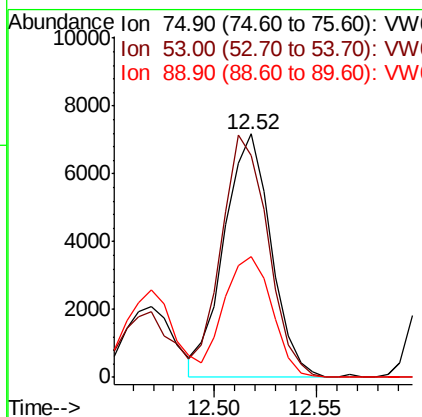
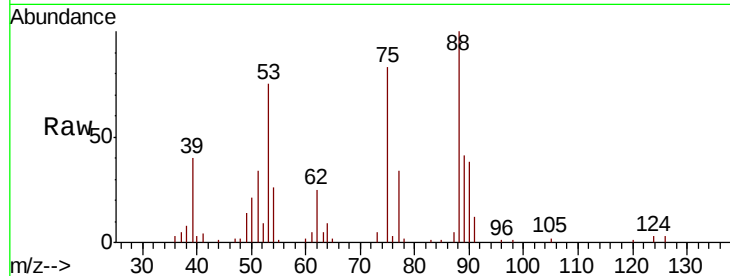
#81
trans-1,4-Dichloro-2-butene
Concen: 47.953 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.9	72.8	109.2
89	50.5	36.4	54.6

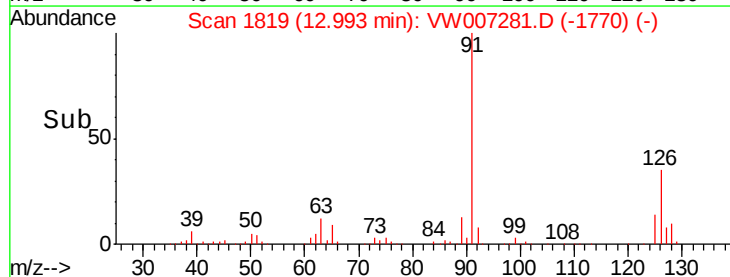
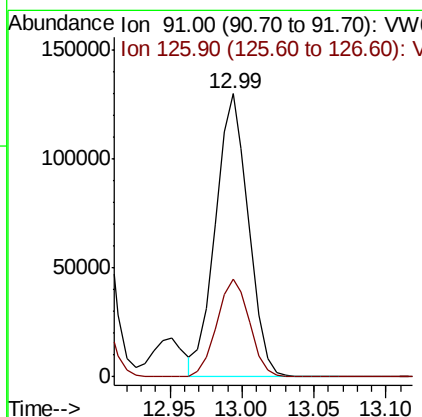
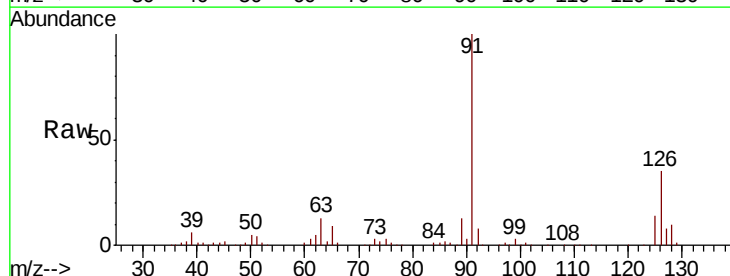
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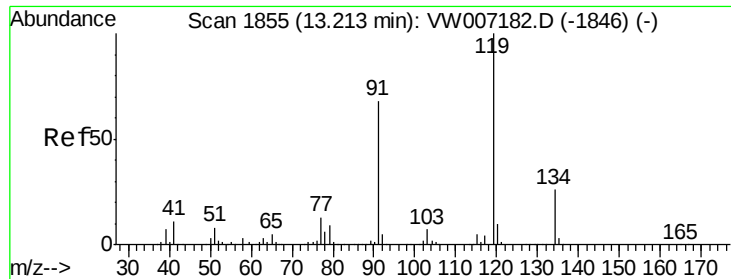
apatel
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#82
4-Chlorotoluene
Concen: 53.350 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.4	52.3





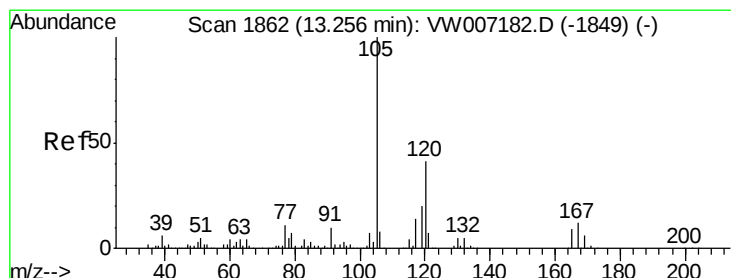
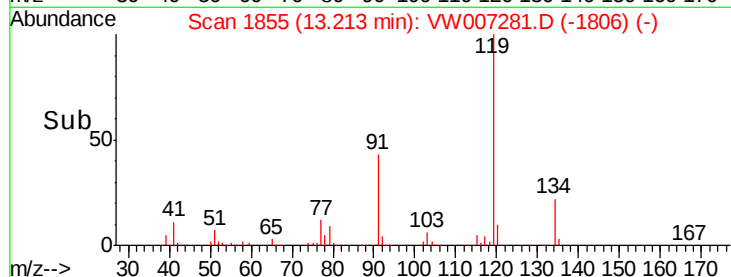
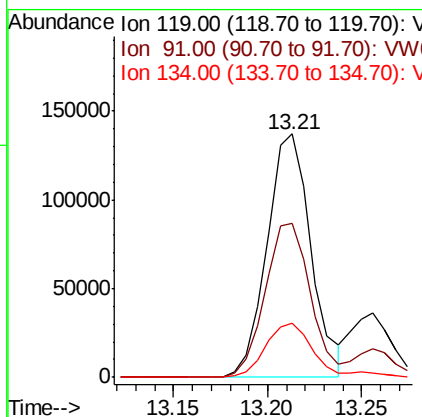
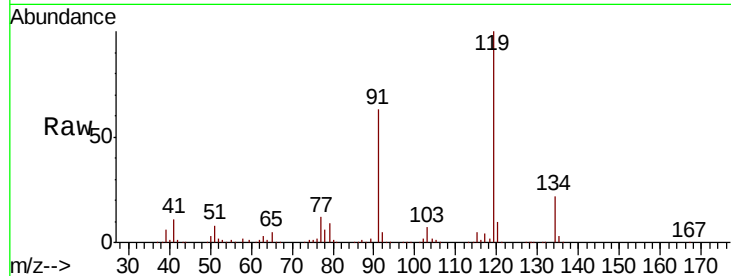
#83
tert-Butylbenzene
Concen: 54.896 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	222262		
91	65.1	34.0	101.8	
134	23.4	13.2	39.5	

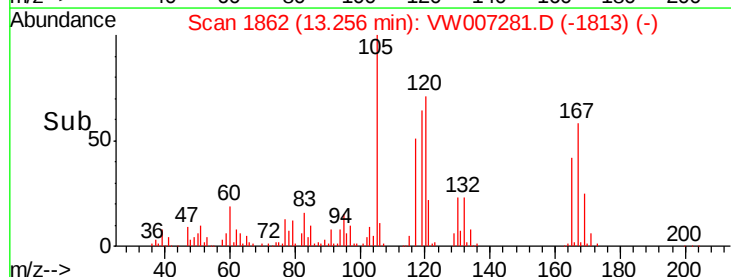
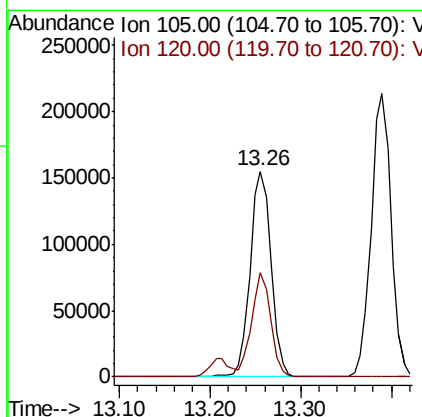
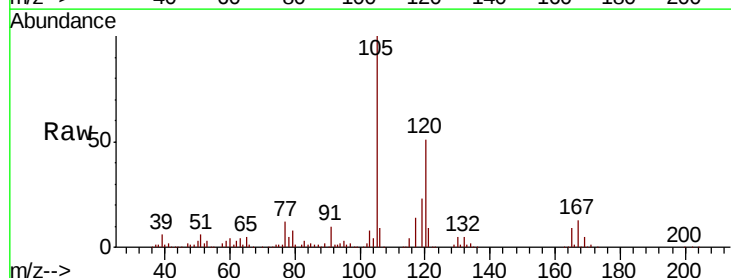
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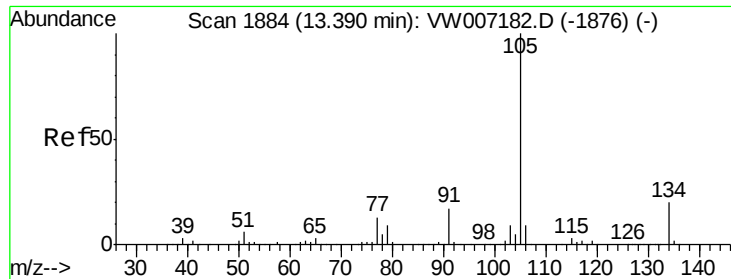
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 52.458 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248092		
120	46.0	21.1	63.3	





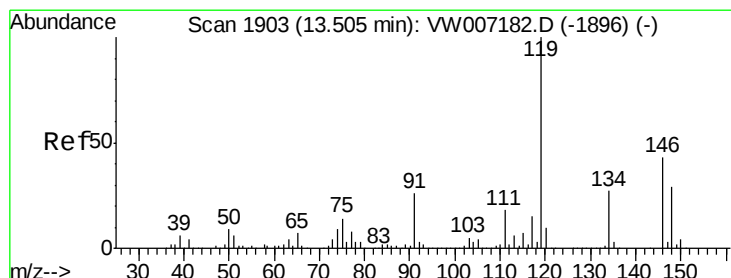
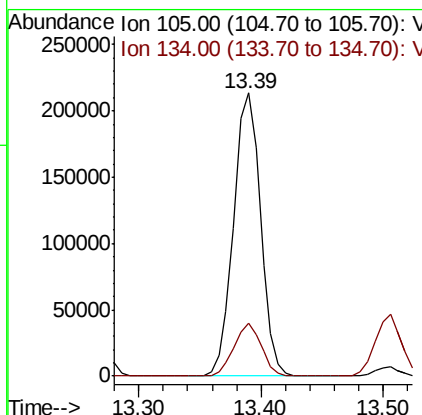
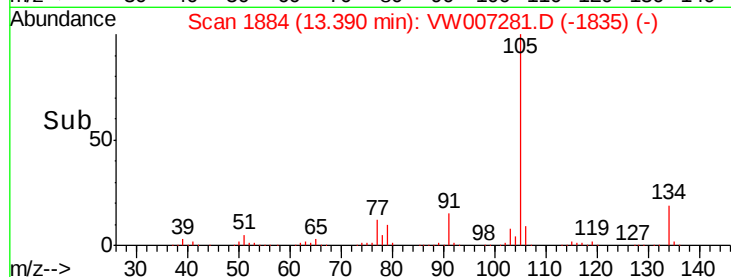
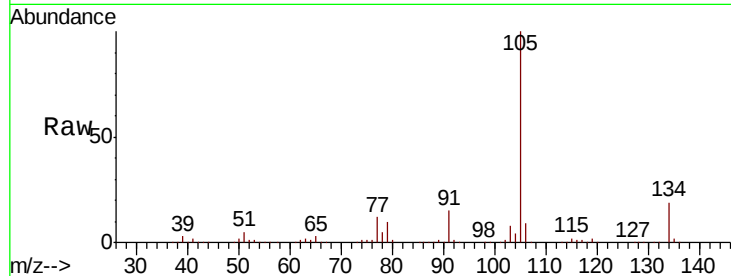
#85
 sec-Butylbenzene
 Concen: 56.198 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Tot Ion:105 Resp: 324828
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.3 30.8

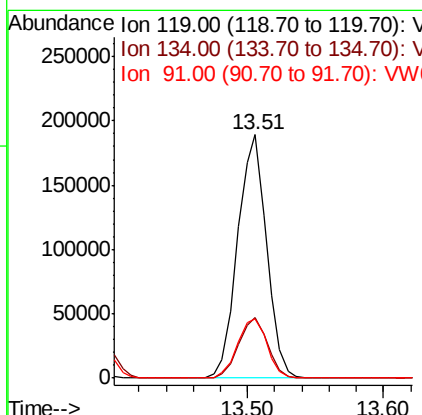
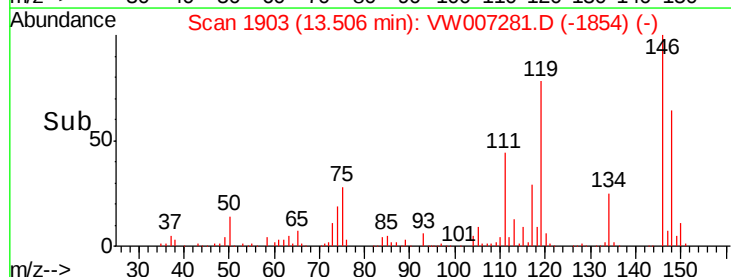
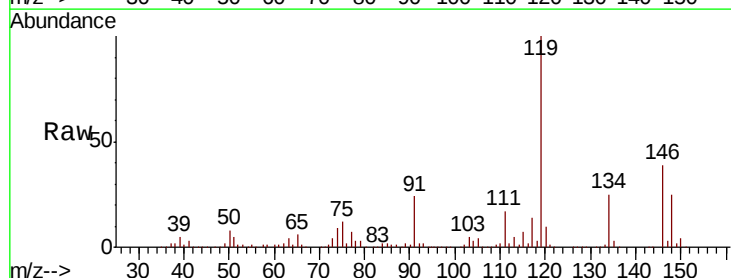
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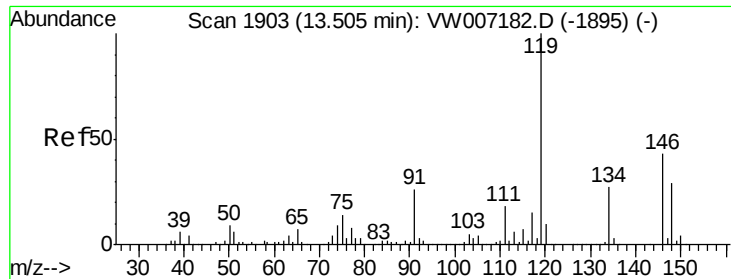
apatel
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#86
 p-Isopropyltoluene
 Concen: 54.326 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Tgt Ion:119 Resp: 279531
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.2 39.6
 91 25.0 12.4 37.2





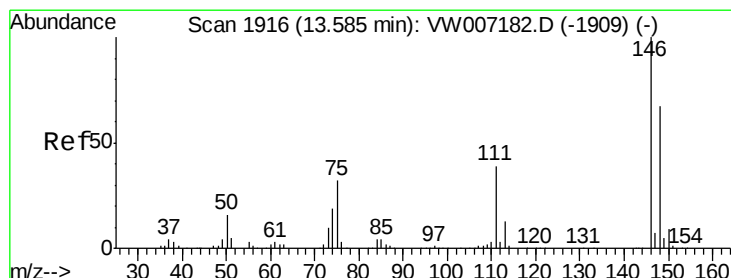
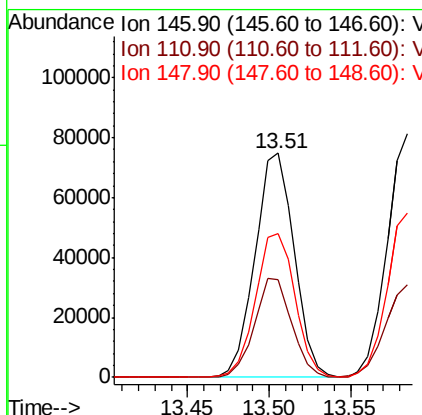
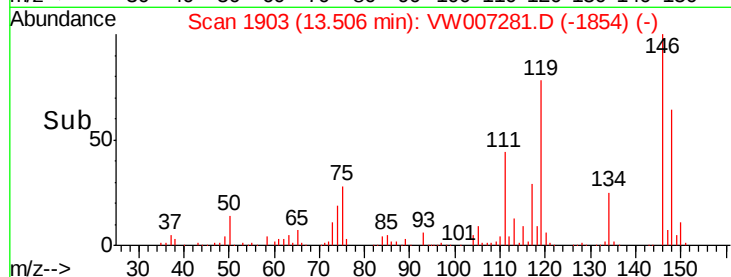
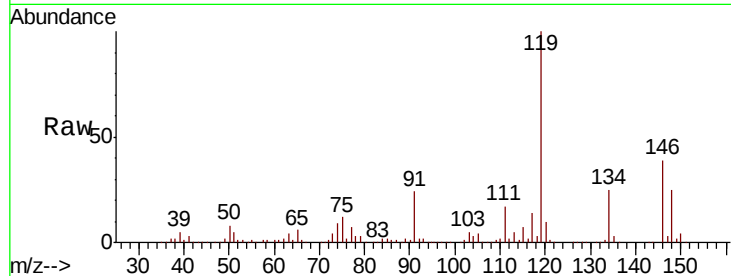
#87
 1,3-Dichlorobenzene
 Concen: 51.970 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.4
148	64.7	32.8	98.4

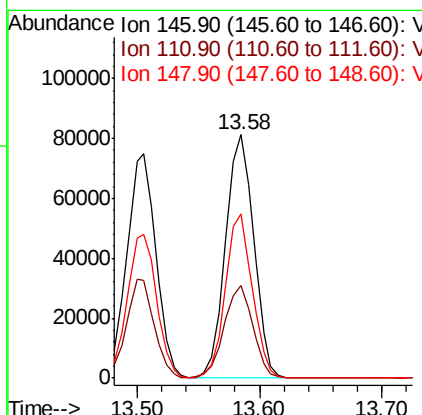
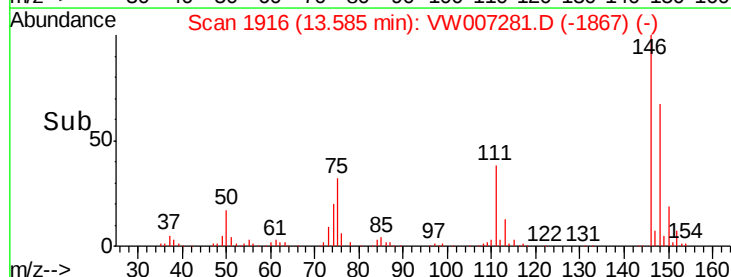
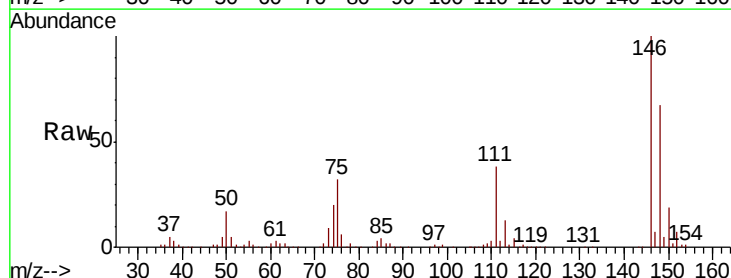
Manual Integrations
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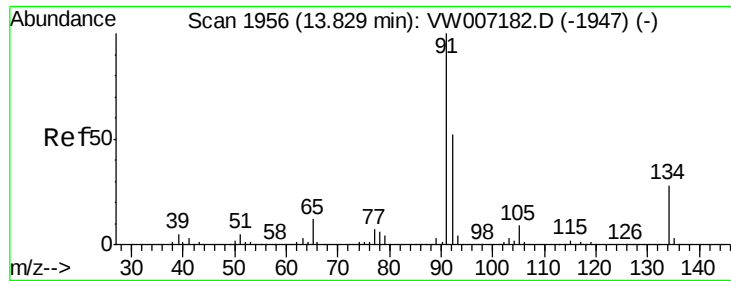
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 53.441 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.8
148	64.4	32.6	98.0





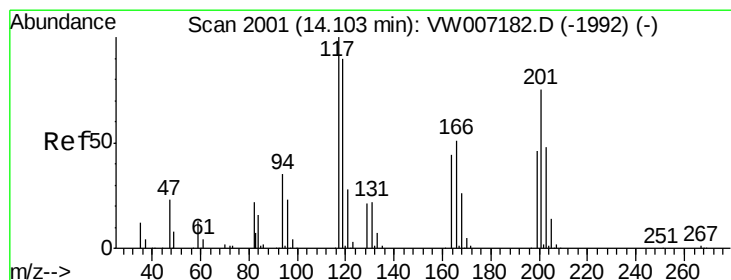
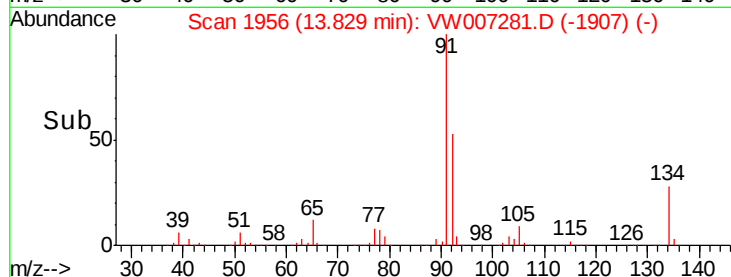
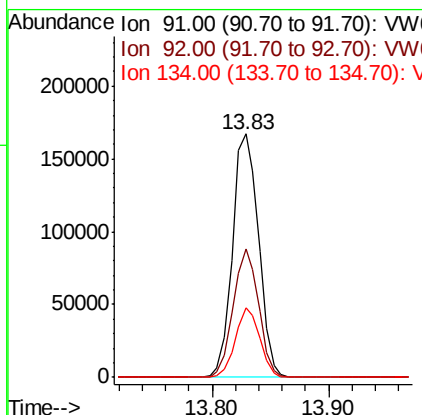
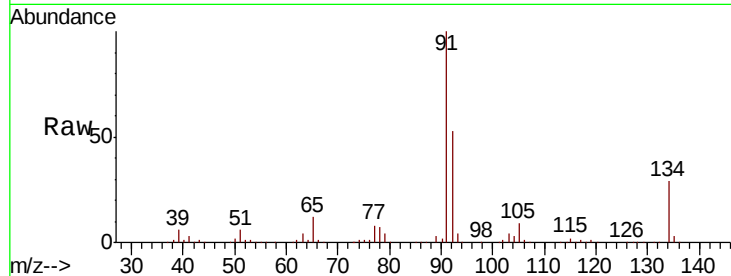
#89
n-Butylbenzene
Concen: 54.188 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.5	79.5
134	26.9	14.1	42.2

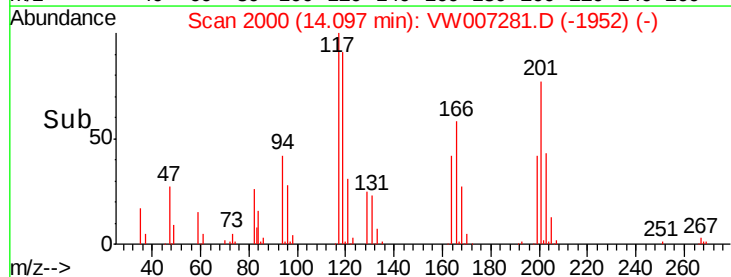
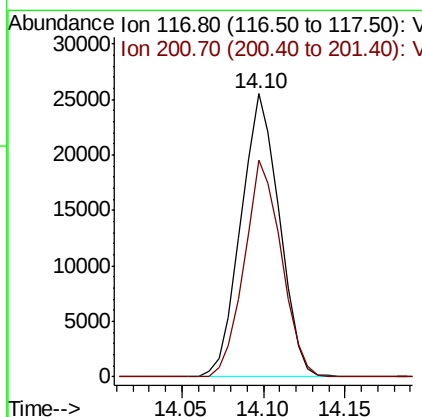
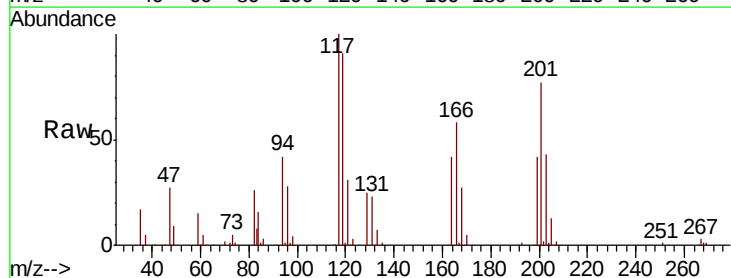
Manual Integrations
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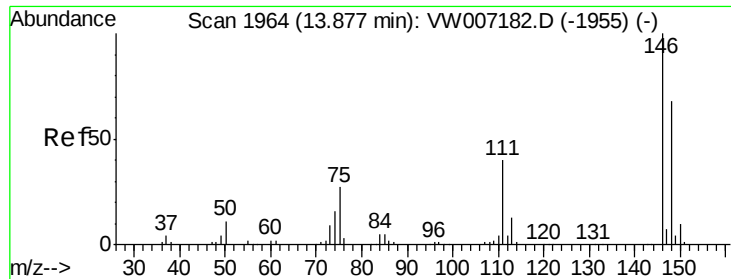
apatel
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#90
Hexachloroethane
Concen: 53.502 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.2	36.0	108.1





#91

1,2-Dichlorobenzene

Concen: 52.991 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_W

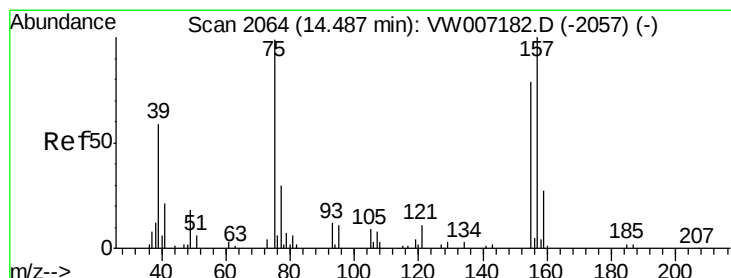
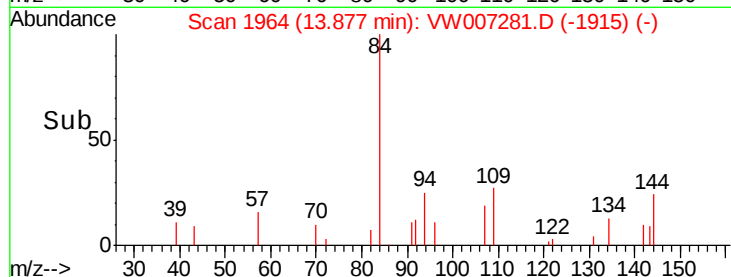
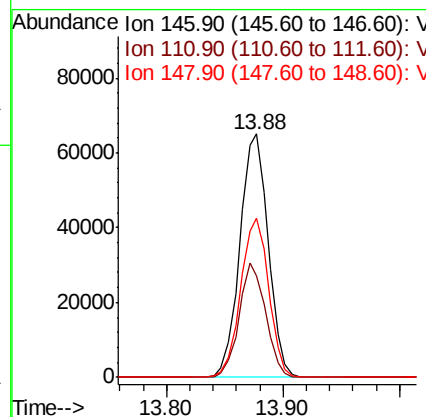
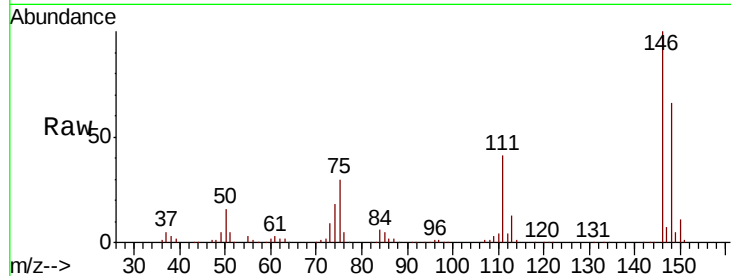
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	110090
Ion Ratio	Lower	Upper	
146	100		
111	43.9	21.6	65.0
148	65.0	32.7	98.1

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.076 ug/l

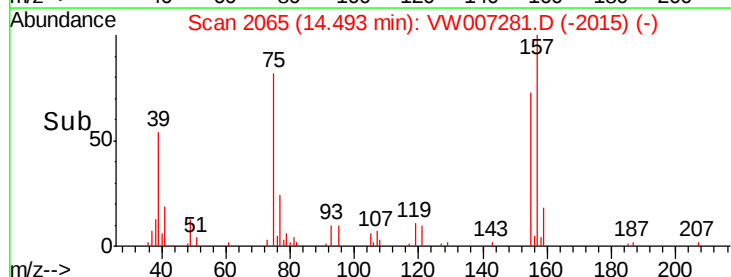
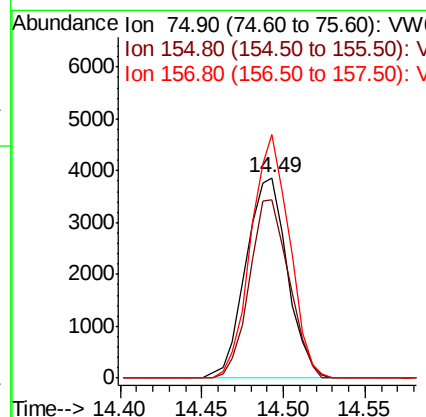
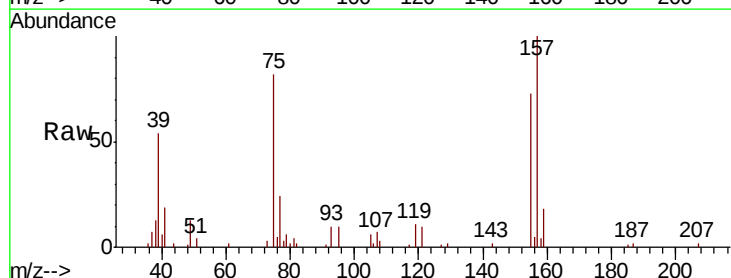
RT: 14.49 min Scan# 2065

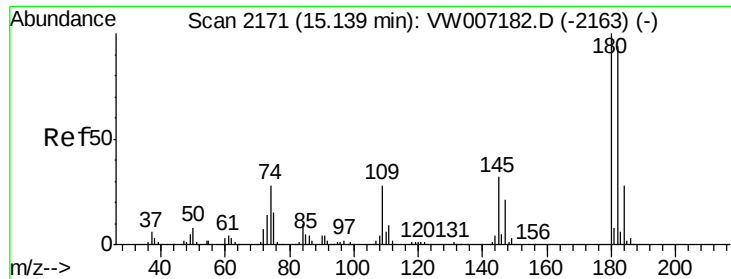
Delta R.T. 0.01 min

Lab File: VW007281.D

Acq: 06 Dec 2018 16:12

Tgt Ion:	75	Resp:	6823
Ion Ratio	Lower	Upper	
75	100		
155	84.9	42.4	127.2
157	112.5	55.3	165.9





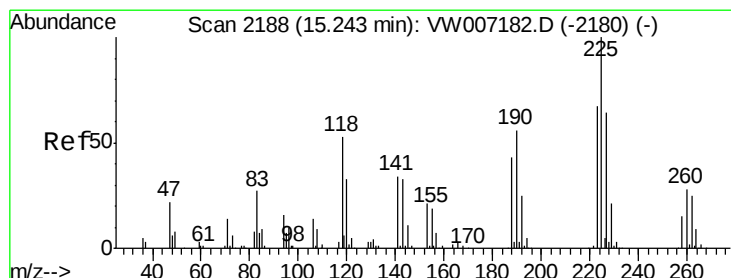
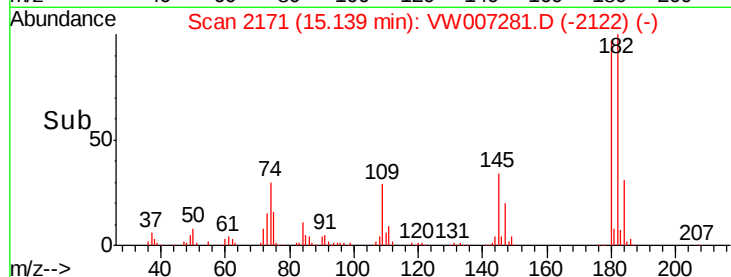
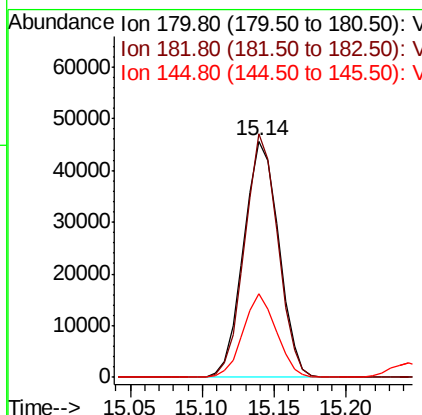
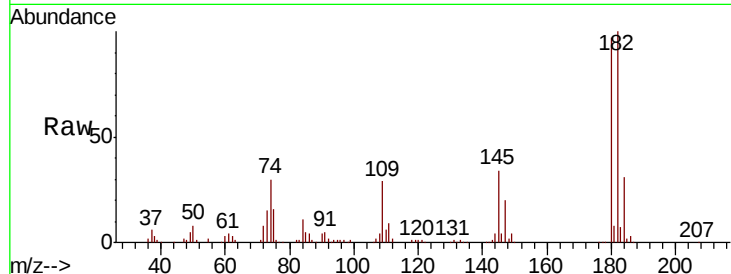
#93
 1,2,4-Trichlorobenzene
 Concen: 53.639 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.9	143.8
145	33.5	16.6	49.7

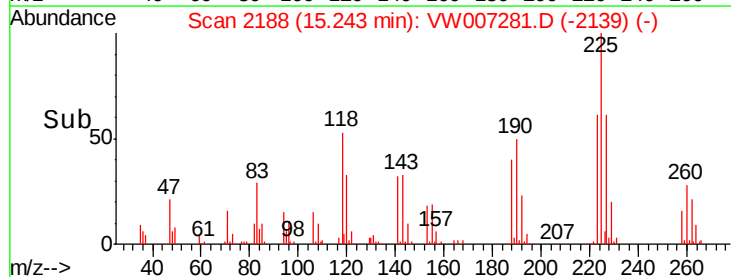
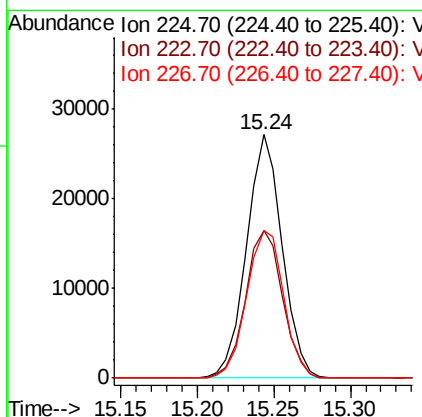
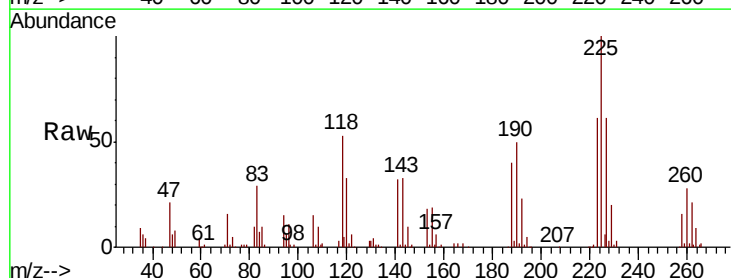
Manual Integrations
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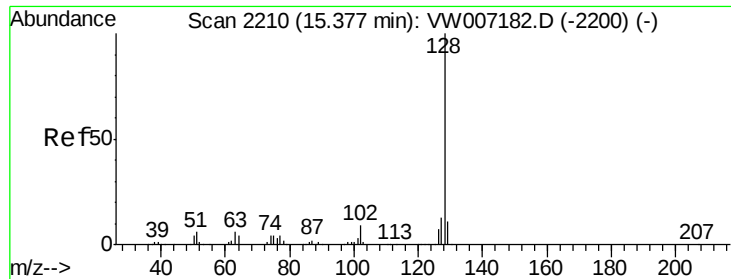
apatel
 12/7/2018 12:19:53 PM



#94
 Hexachlorobutadiene
 Concen: 56.581 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007281.D
 Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.3	96.8
227	63.2	32.1	96.3





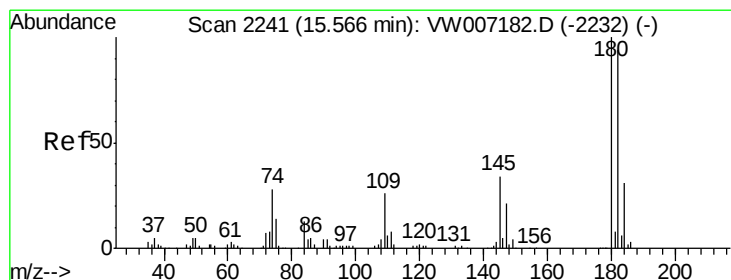
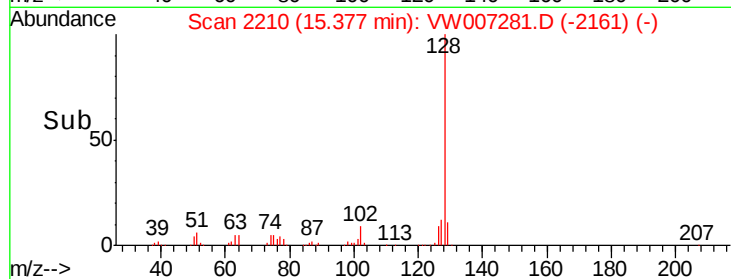
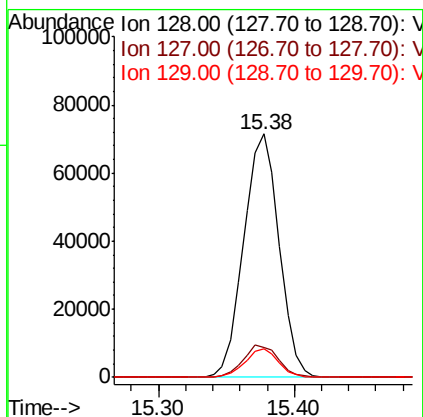
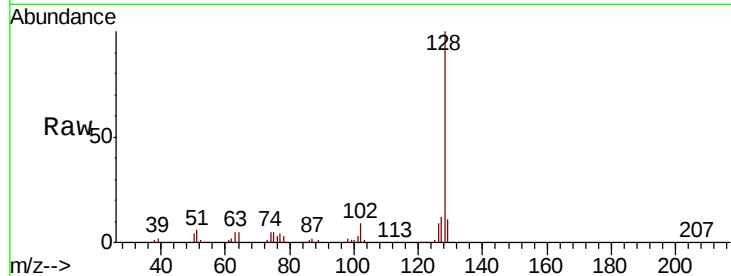
#95
Naphthalene
Concen: 50.494 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	130289		
127	13.2		10.3	15.5
129	11.2		8.6	13.0

Manual Integrations
APPROVED

apatel
12/7/2018 12:19:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.040 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007281.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	64392		
182	91.9		47.4	142.2
145	36.2		17.6	52.8

