

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004702.D
 Acq On : 15 Aug 2018 18:35
 Operator : SY/AP
 Sample : VW0817SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBL01

Quant Time: Aug 16 04:58:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	579030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	948315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	917129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	447372	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	321625	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
35) Dibromofluoromethane	7.88	113	313630	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.33	98	1144535	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	12.62	95	389246	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	

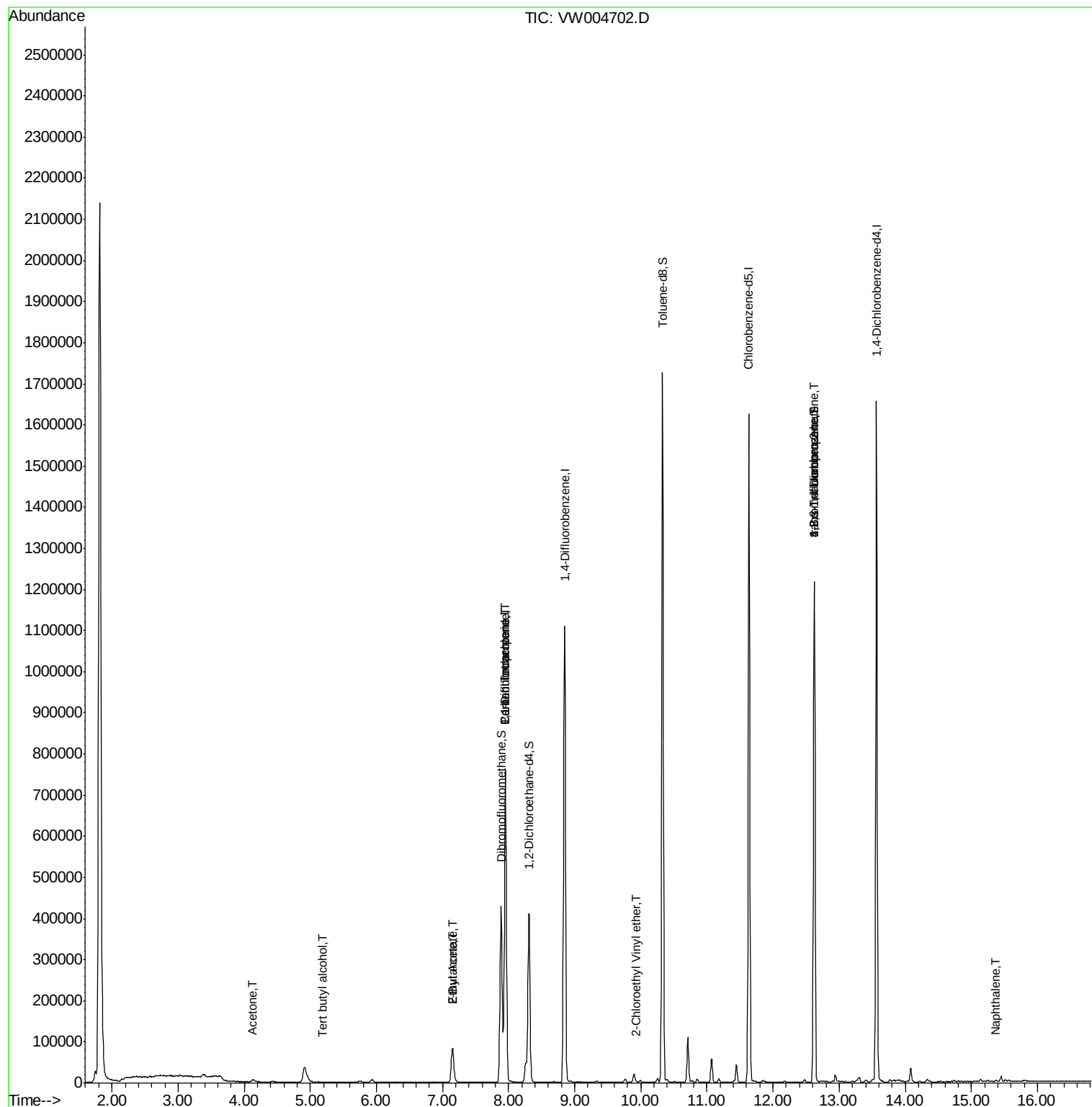
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	1027	2.736	ug/l #	83
16) Acetone	4.14	43	11438	7.146	ug/l #	87
20) Methylene Chloride	4.92	84	35190	Below Cal		87
25) 2-Butanone	7.16	43	4788	1.860	ug/l #	82
36) 1,1-Dichloropropene	7.95	75	43672	4.277	ug/l #	49
37) Ethyl Acetate	7.16	43	4788	1.001	ug/l #	1
38) Carbon Tetrachloride	7.95	117	54895	5.974	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	190	8.997	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	186965	40.387	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	186965	96.682	ug/l #	13
95) Naphthalene	15.38	128	2831	3.048	ug/l	96

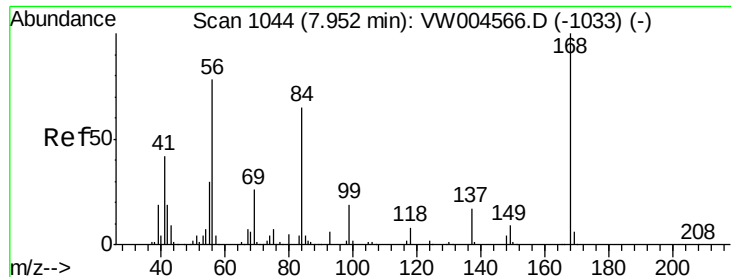
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004702.D

Acq: 15 Aug 2018 18:35

Instrument :

MSVOA_W

ClientSampleId :

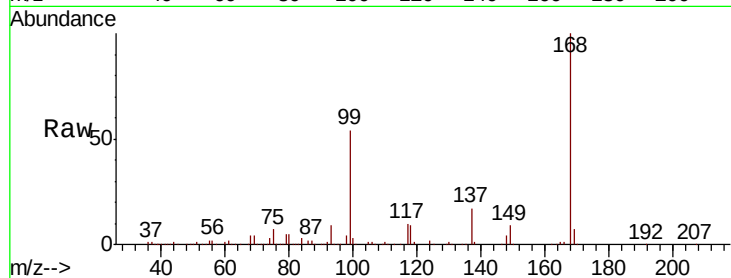
VW0817SBL01

Tot Ion:168 Resp: 579030

Ion Ratio Lower Upper

168 100

99 54.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

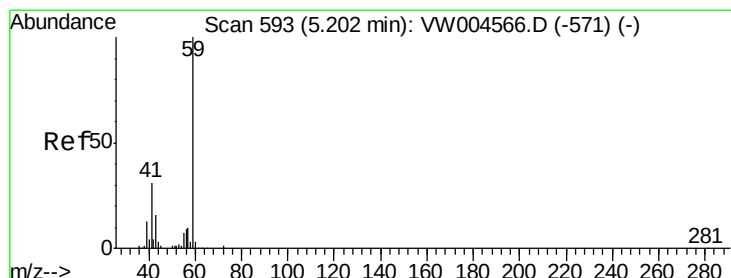
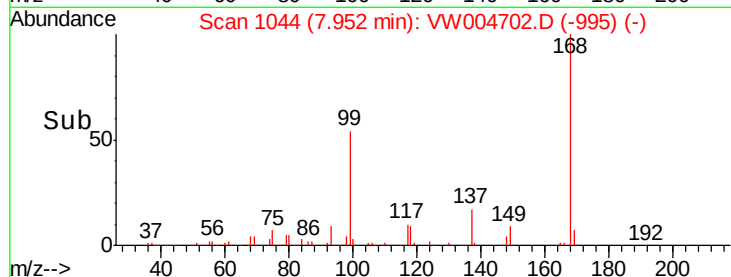
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.736 ug/l

RT: 5.19 min Scan# 591

Delta R.T. -0.02 min

Lab File: VW004702.D

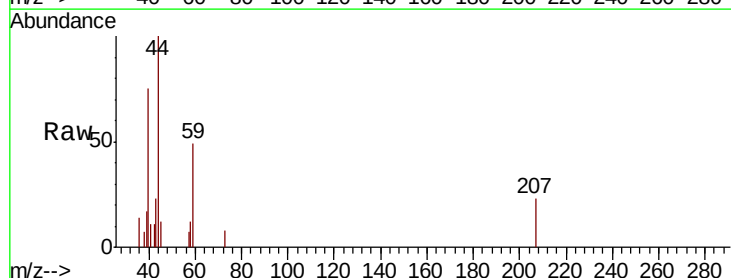
Acq: 15 Aug 2018 18:35

Tgt Ion: 59 Resp: 1027

Ion Ratio Lower Upper

59 100

57 5.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

400

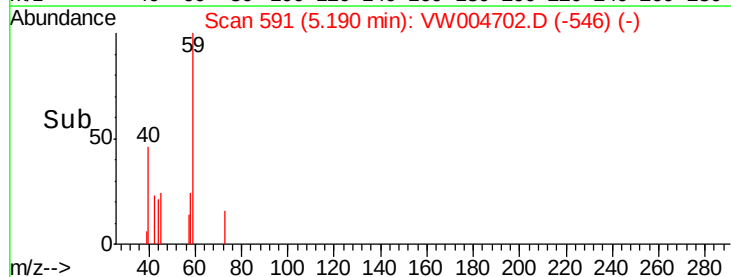
300

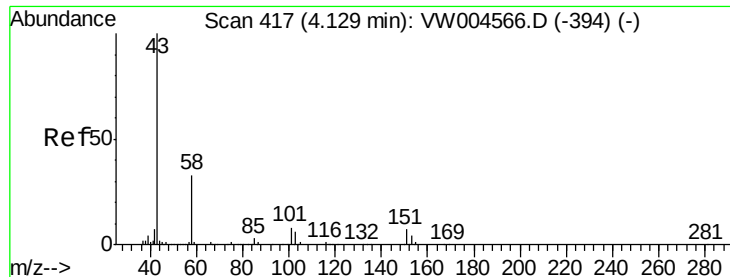
200

100

0

Time-->

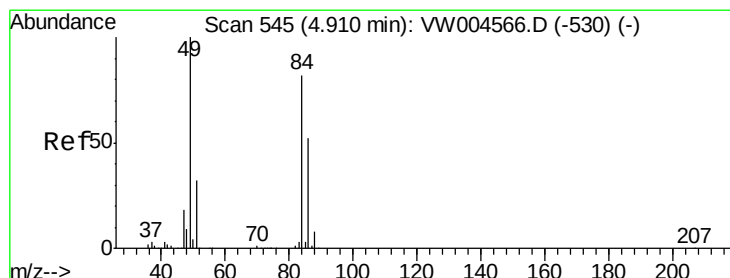
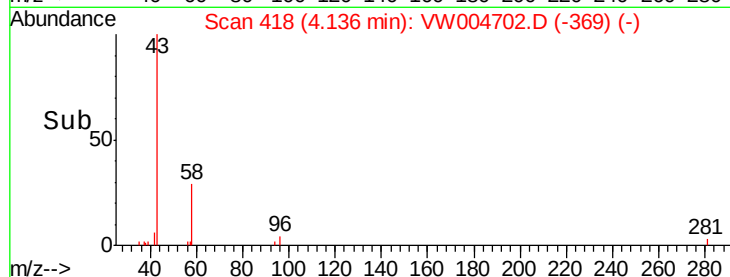
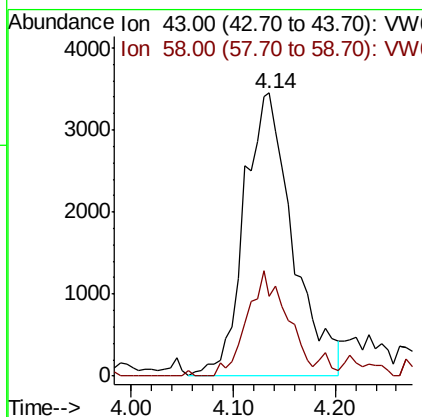
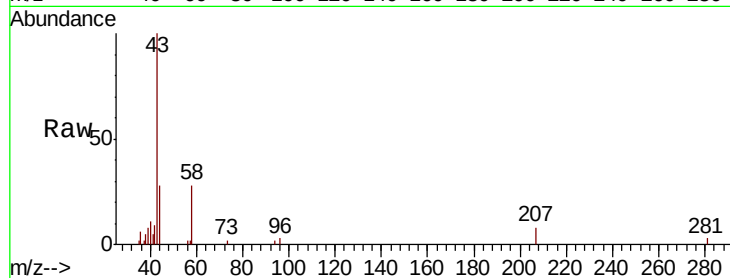




#16
Acetone
Concen: 7.146 ug/l
RT: 4.14 min Scan# 418
Delta R.T. 0.00 min
Lab File: VW004702.D
Acq: 15 Aug 2018 18:35

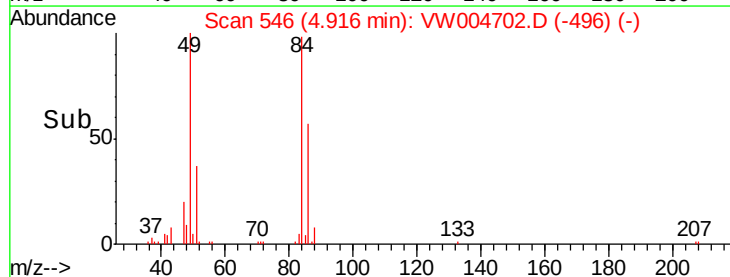
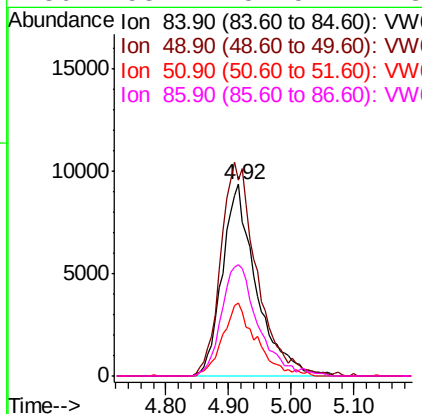
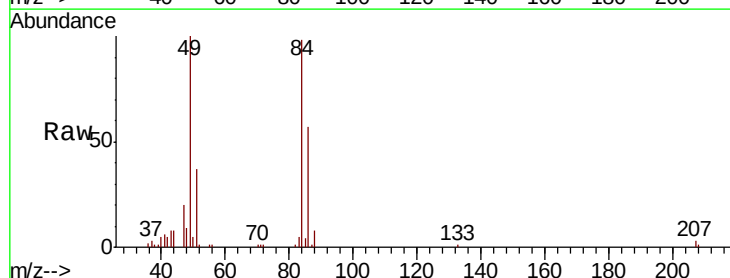
Instrument :
MSVOA_W
ClientSampleId :
VW0817SBL01

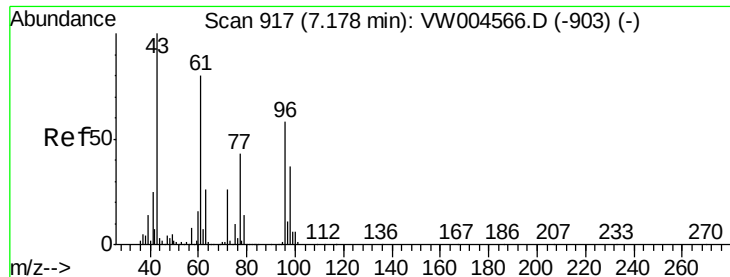
Tot Ion: 43 Resp: 11438
Ion Ratio Lower Upper
43 100
58 26.2 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004702.D
Acq: 15 Aug 2018 18:35

Tgt Ion: 84 Resp: 35190
Ion Ratio Lower Upper
84 100
49 102.3 99.6 149.4
51 37.9 31.0 46.4
86 58.4 51.5 77.3





#25

2-Butanone

Concen: 1.860 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

Lab File: VW004702.D

Acq: 15 Aug 2018 18:35

Instrument :

MSVOA_W

ClientSampleId :

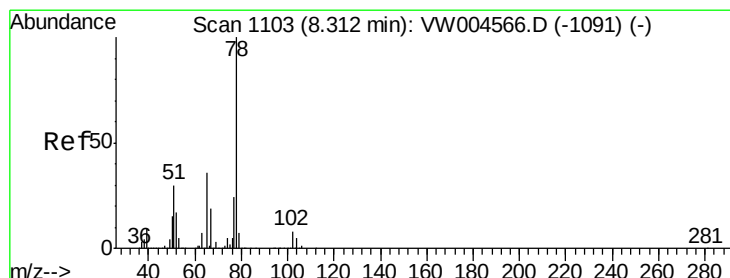
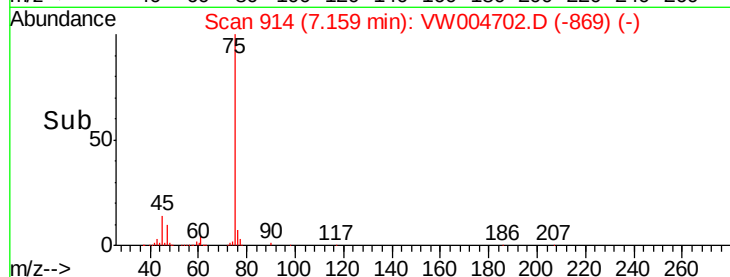
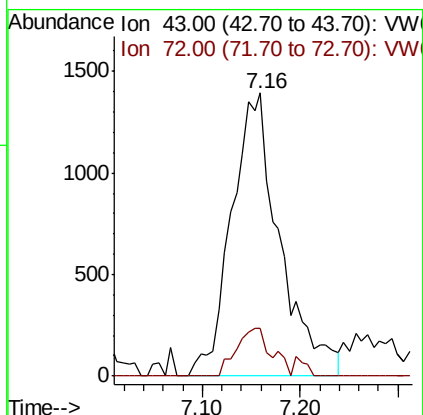
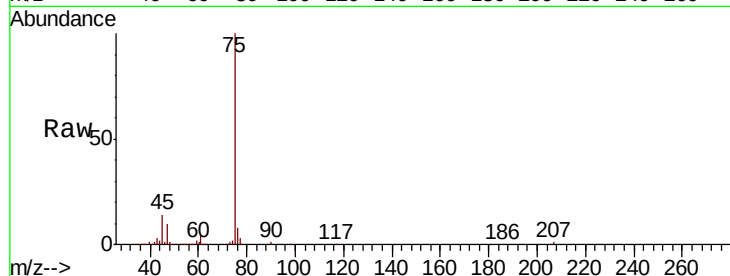
VW0817SBL01

Tot Ion: 43 Resp: 4788

Ion Ratio Lower Upper

43 100

72 16.9 21.0 31.6#



#33

1,2-Dichloroethane-d4

Concen: 50.178 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004702.D

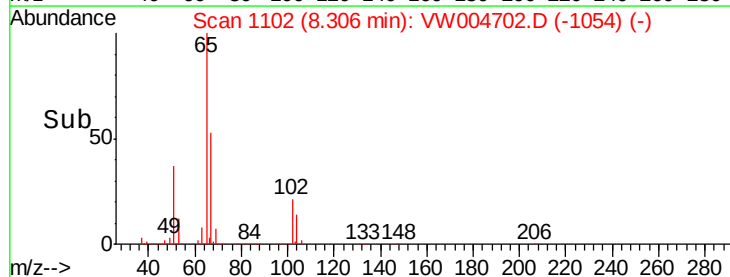
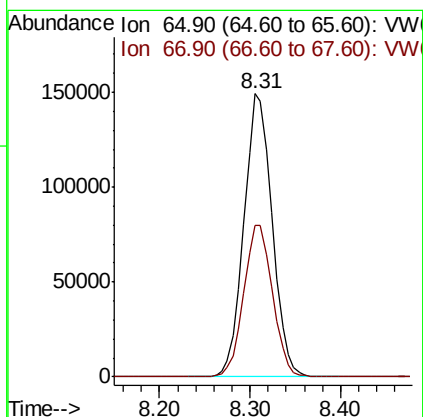
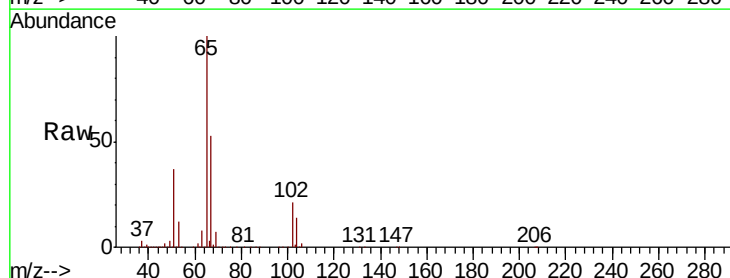
Acq: 15 Aug 2018 18:35

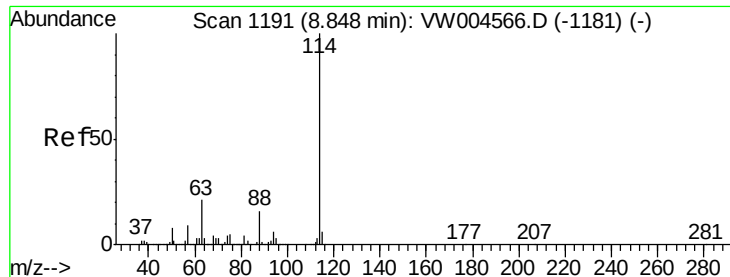
Tgt Ion: 65 Resp: 321625

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0

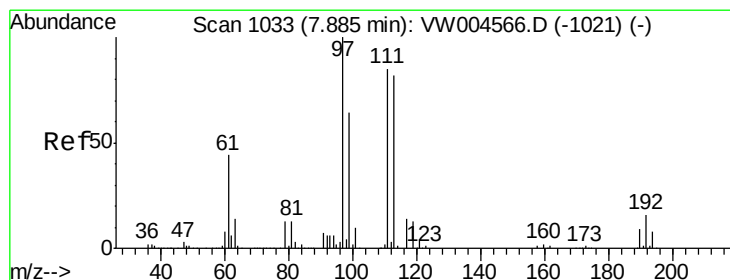
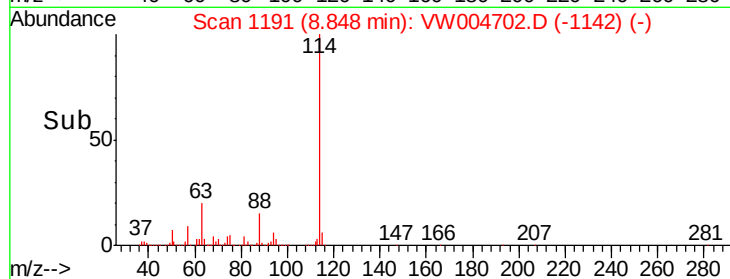
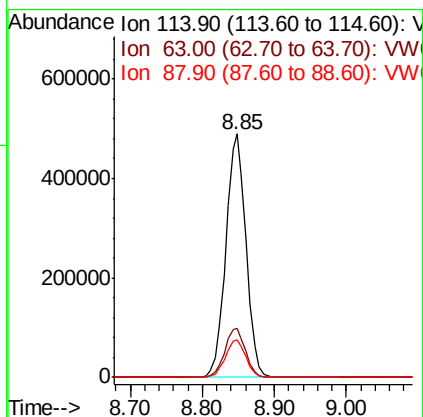
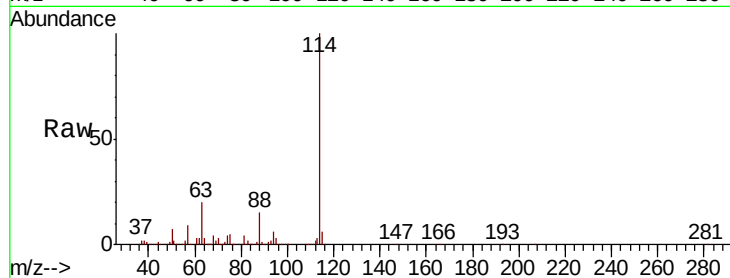




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004702.D
 Acq: 15 Aug 2018 18:35

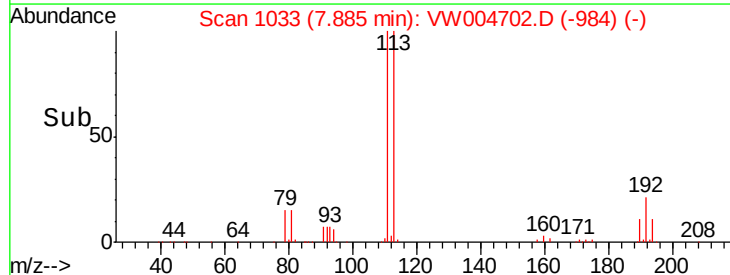
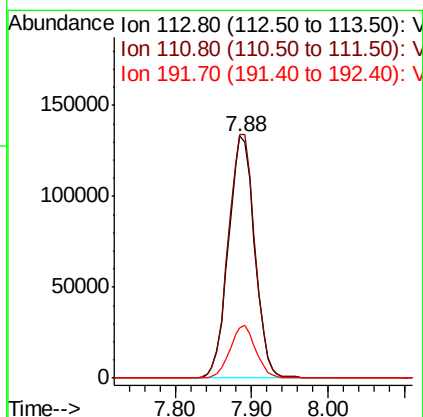
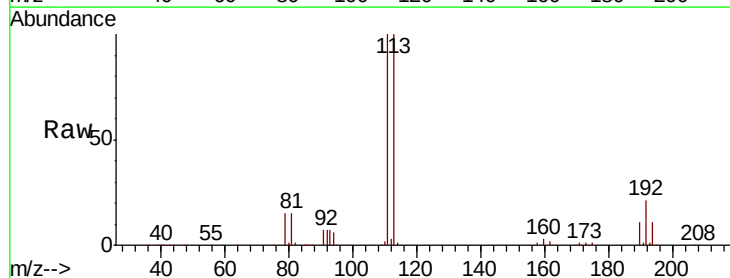
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBL01

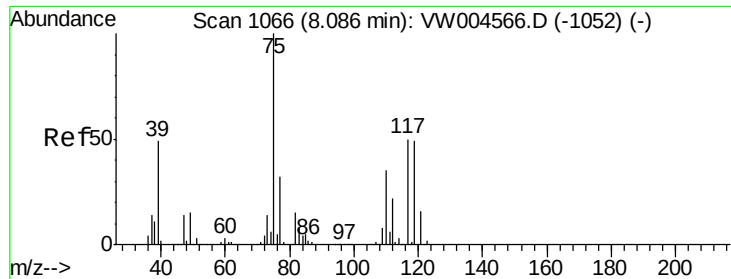
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.4
88	15.3	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 49.601 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004702.D
 Acq: 15 Aug 2018 18:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	21.1	15.8	23.6

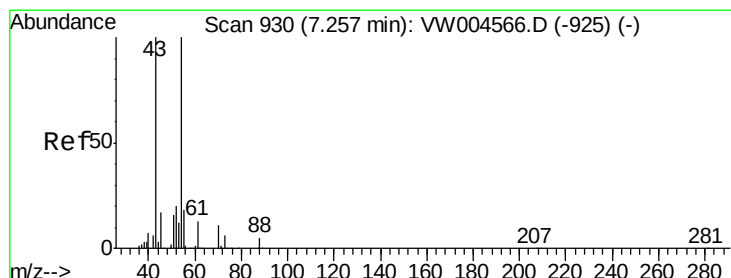
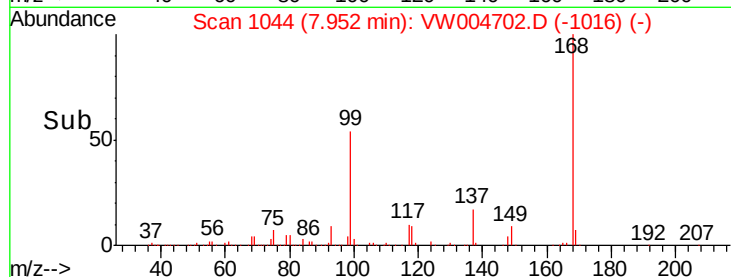
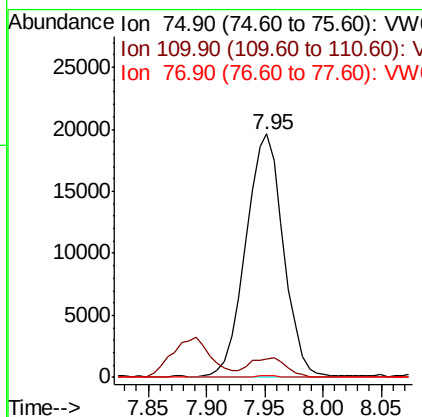
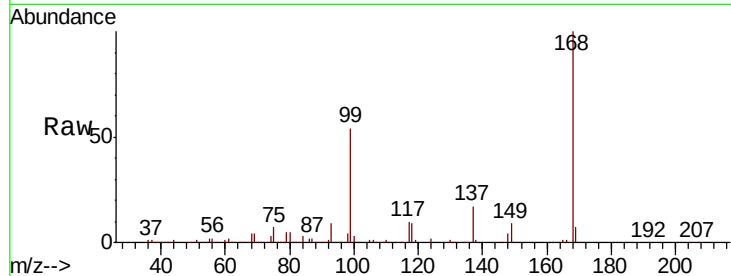




#36
 1,1-Dichloropropene
 Concen: 4.277 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004702.D
 Acq: 15 Aug 2018 18:35

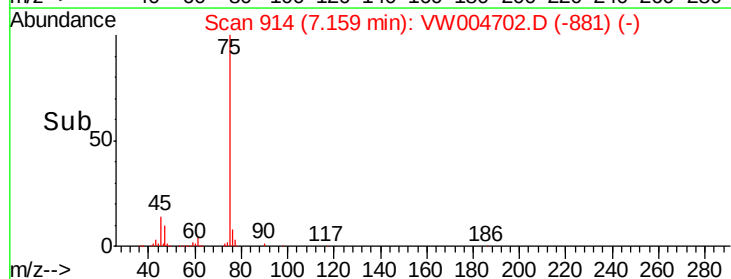
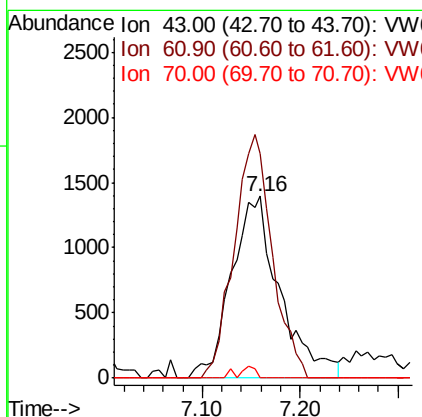
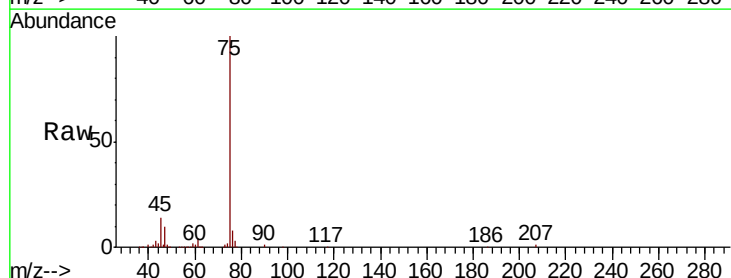
Instrument :
 MSVOA_W
 ClientSampled :
 VW0817SBL01

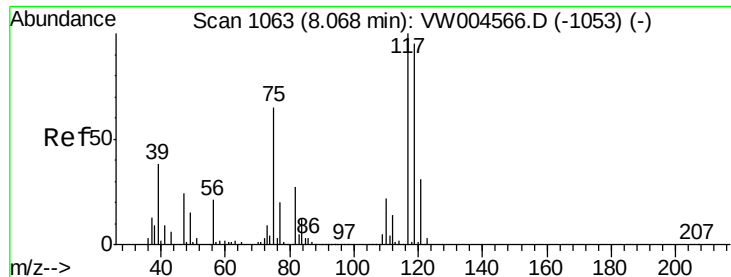
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.4	52.2#
77	0.4	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 1.001 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.10 min
 Lab File: VW004702.D
 Acq: 15 Aug 2018 18:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	105.3	11.9	17.9#
70	2.2	8.2	12.4#





#38

Carbon Tetrachloride

Concen: 5.974 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004702.D

Acq: 15 Aug 2018 18:35

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBL01

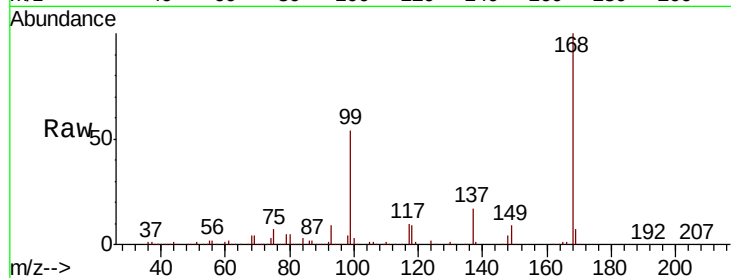
Tot Ion:117 Resp: 54895

Ion Ratio Lower Upper

117 100

119 5.9 76.1 114.1#

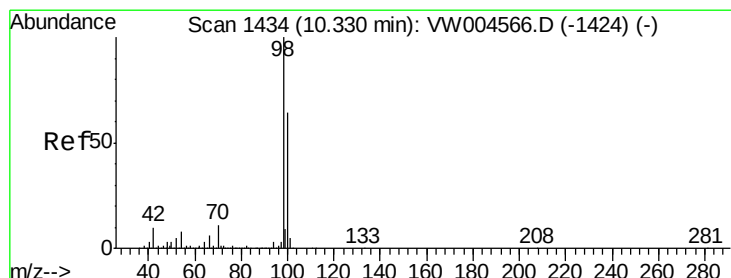
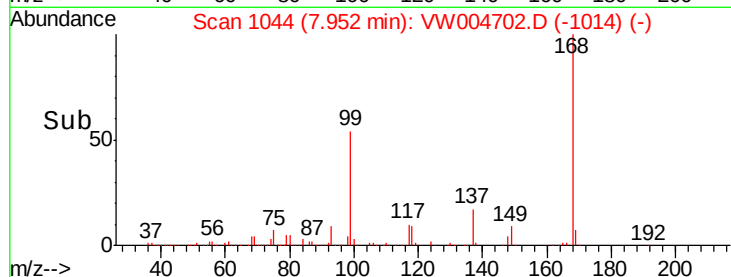
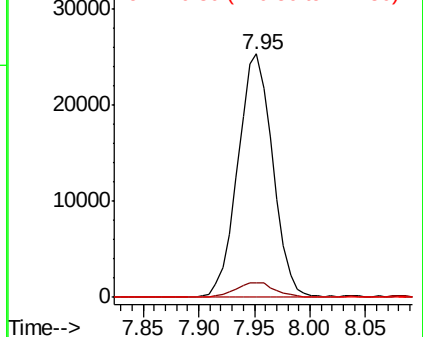
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 47.480 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004702.D

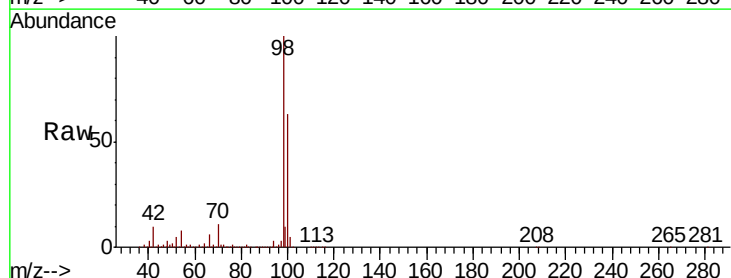
Acq: 15 Aug 2018 18:35

Tgt Ion: 98 Resp: 1144535

Ion Ratio Lower Upper

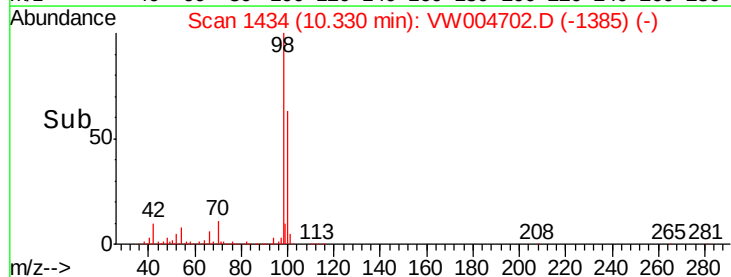
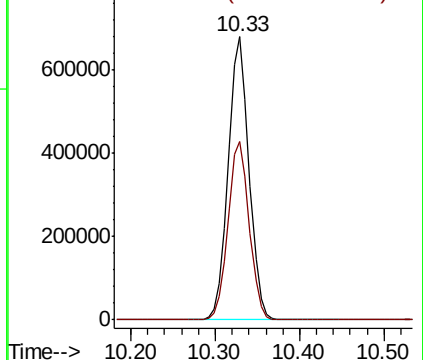
98 100

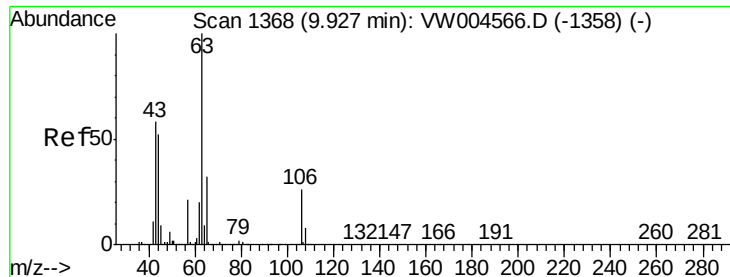
100 63.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

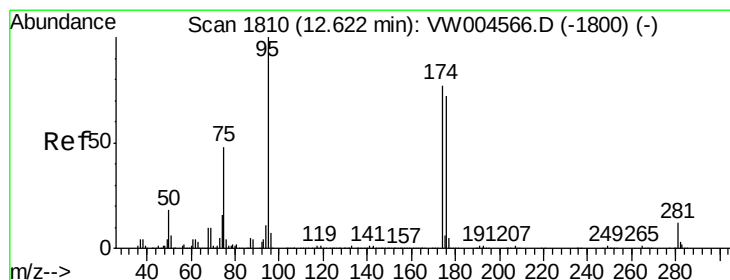
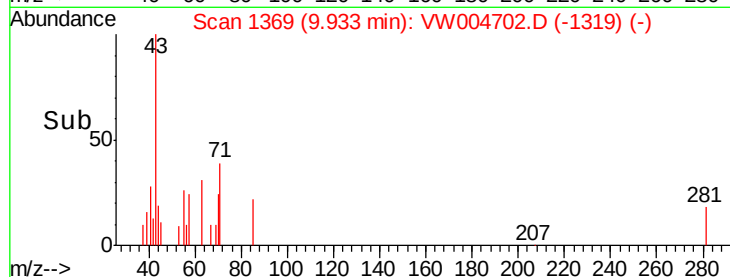
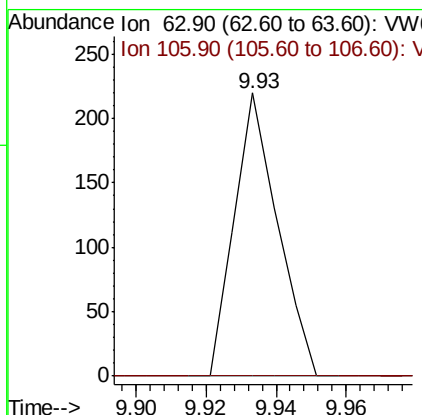
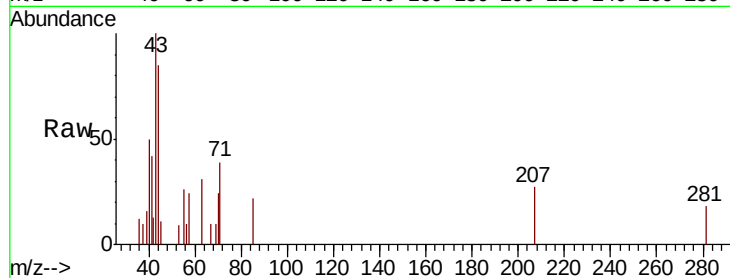




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.997 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VW004702.D
 Acq: 15 Aug 2018 18:35

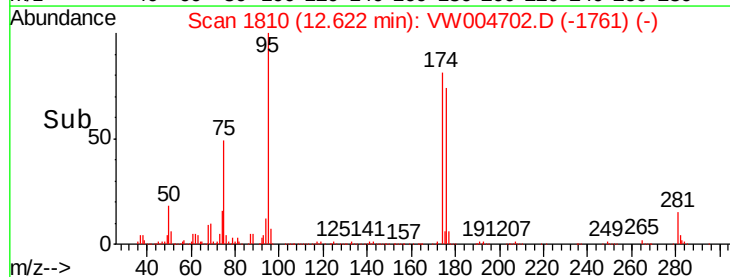
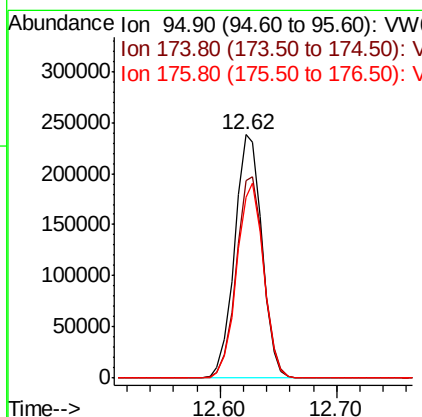
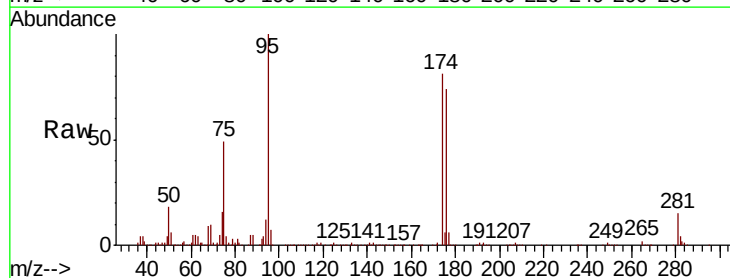
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBL01

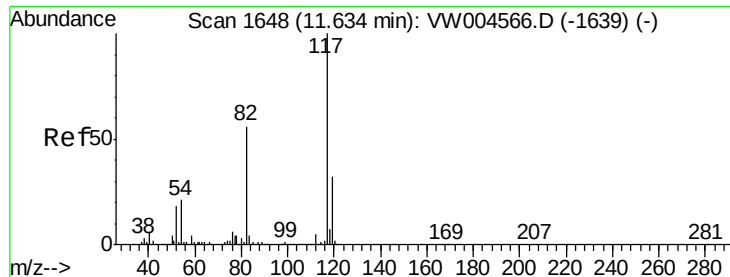
Tot Ion: 63 Resp: 190
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 44.827 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004702.D
 Acq: 15 Aug 2018 18:35

Tgt Ion: 95 Resp: 389246
 Ion Ratio Lower Upper
 95 100
 174 83.3 0.0 160.4
 176 79.3 0.0 153.2

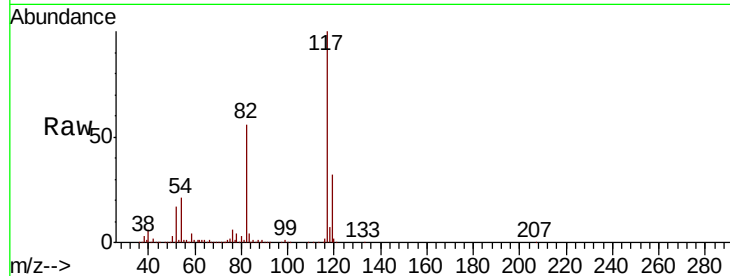




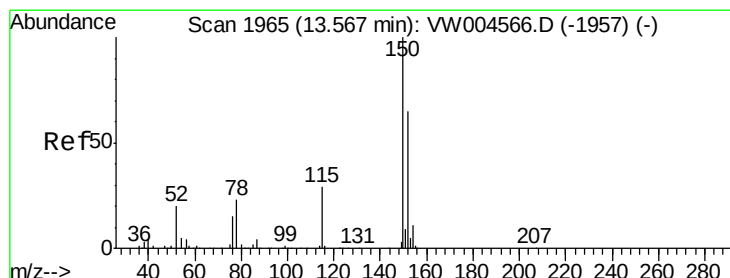
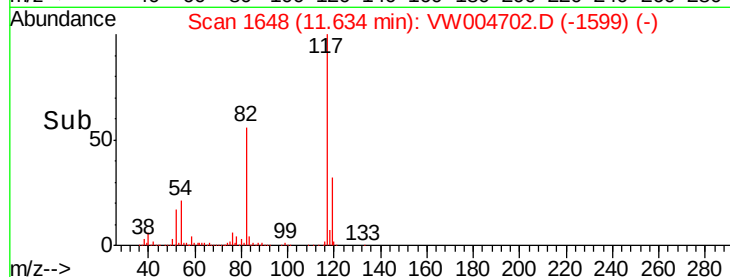
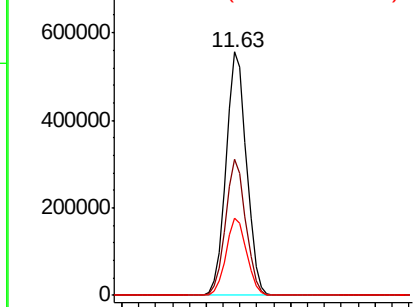
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004702.D
Acq: 15 Aug 2018 18:35

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.3	67.9
119	31.7	26.2	39.4

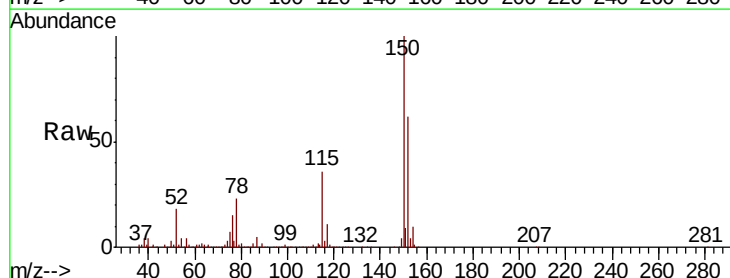


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

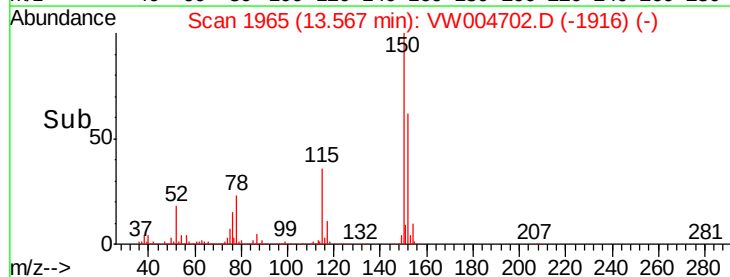
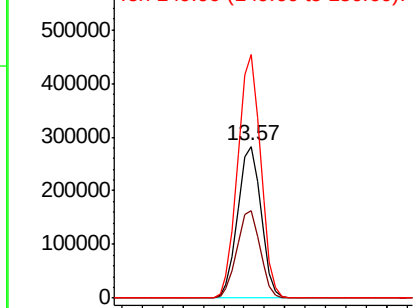


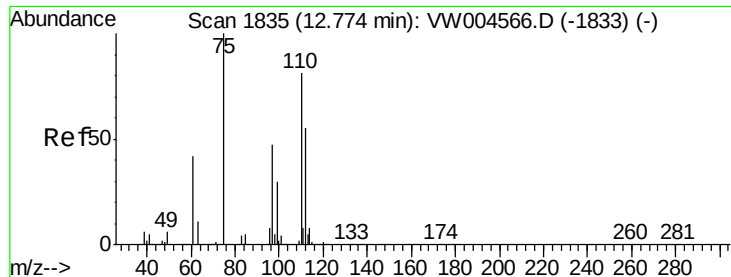
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004702.D
Acq: 15 Aug 2018 18:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.1	87.3
150	157.4	0.0	349.6



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





#76

1,2,3-Trichloropropane

Concen: 40.387 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004702.D

Acq: 15 Aug 2018 18:35

Instrument :

MSVOA_W

ClientSampleId :

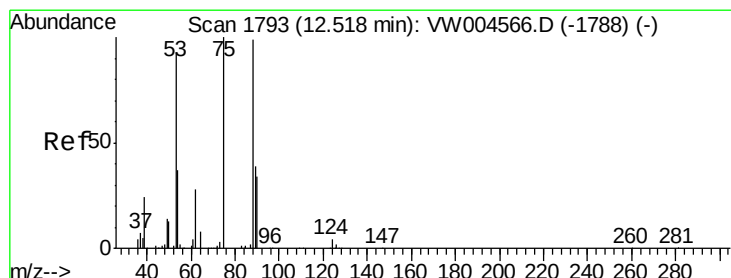
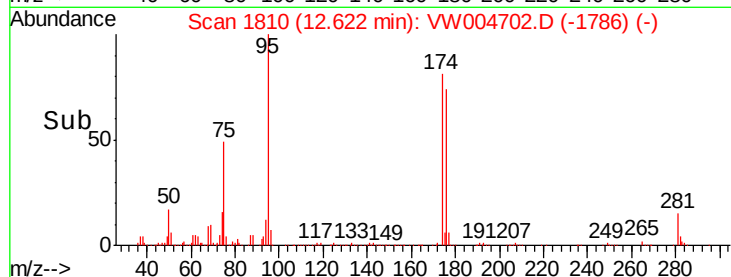
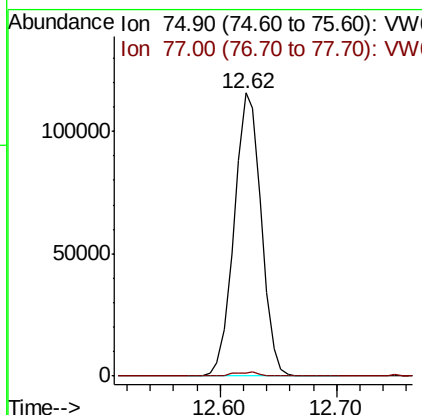
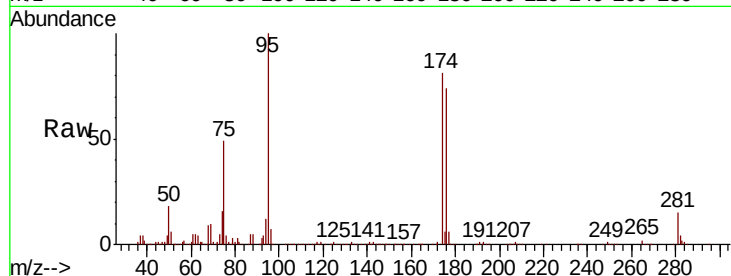
VW0817SBL01

Tot Ion: 75 Resp: 186965

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.682 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004702.D

Acq: 15 Aug 2018 18:35

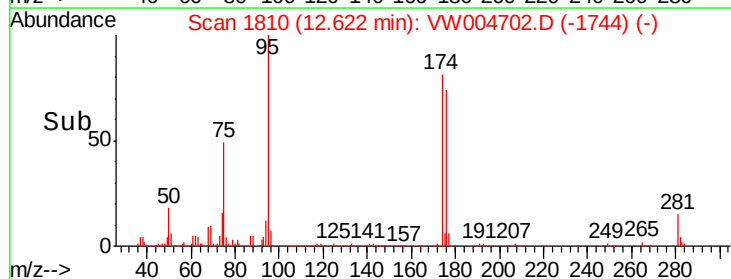
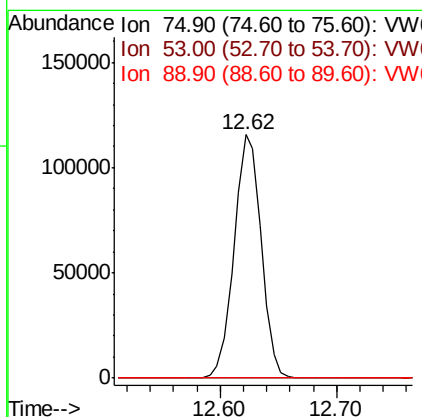
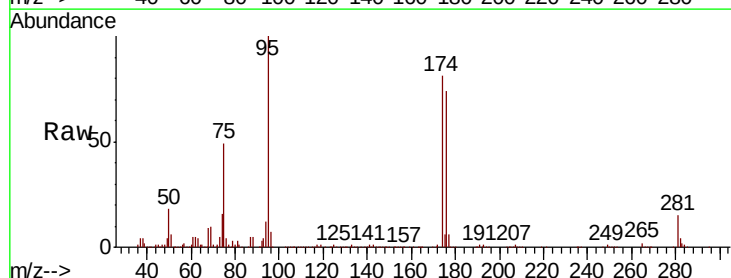
Tgt Ion: 75 Resp: 186965

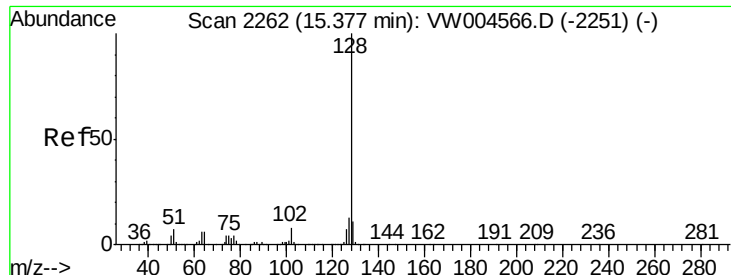
Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

89 0.1 35.9 53.9#





#95

Naphthalene

Concen: 3.048 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004702.D

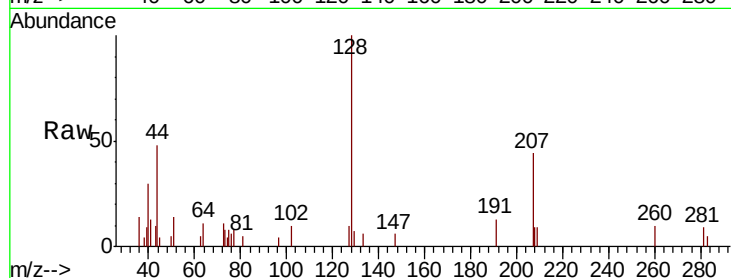
Acq: 15 Aug 2018 18:35

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBL01



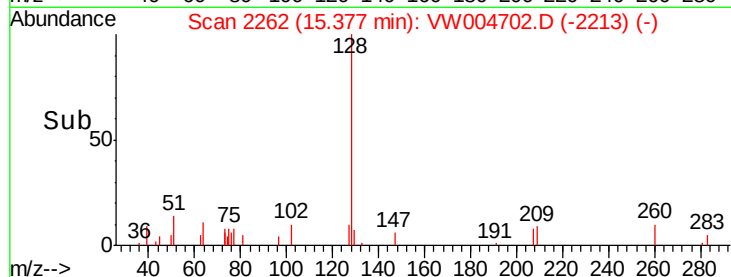
Tot Ion:128 Resp: 2831

Ion Ratio Lower Upper

128 100

127 10.6 10.3 15.5

129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

2000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

