

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006753.D
 Acq On : 07 Nov 2018 22:34
 Operator : SY/AP
 Sample : J5813-02
 Misc : 6.34G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:50:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

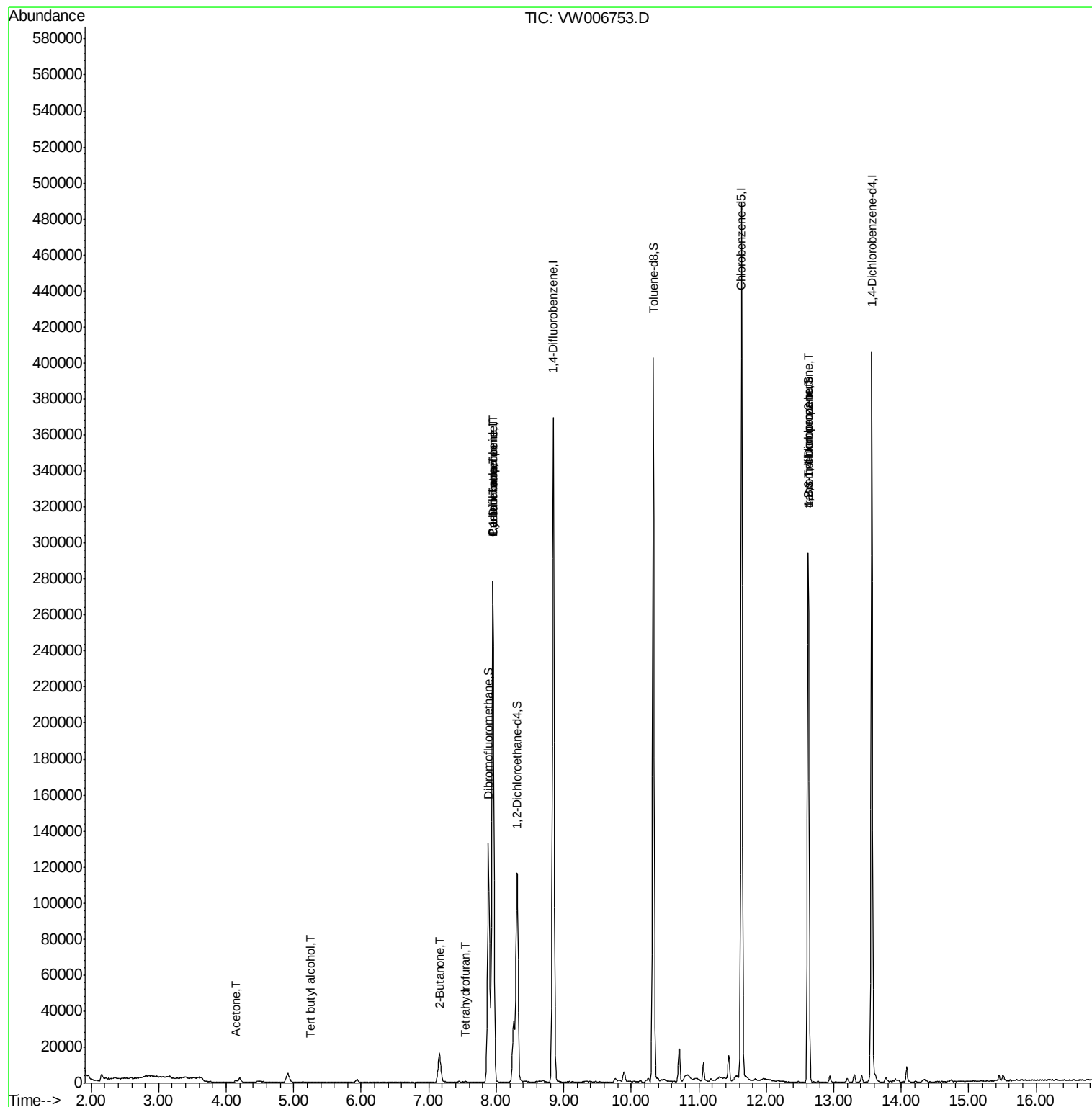
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	336576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	92710	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	7.88	113	93824	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	
50) Toluene-d8	10.32	98	284376	35.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.74%	
62) 4-Bromofluorobenzene	12.62	95	82595	28.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.26	59	110	1.036	ug/l #	84
16) Acetone	4.14	43	2394	7.528	ug/l #	73
20) Methylene Chloride	4.92	84	4644	Below Cal		91
25) 2-Butanone	7.16	43	1054	2.323	ug/l #	46
29) Tetrahydrofuran	7.54	42	347	1.216	ug/l #	72
31) Cyclohexane	7.95	56	3732	1.190	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14098	4.763	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20016	6.472	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	41484	45.593	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	41484	114.449	ug/l #	11

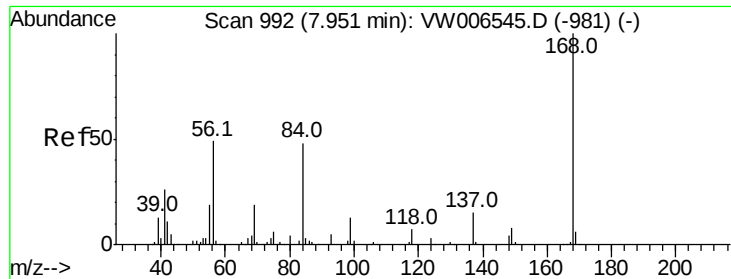
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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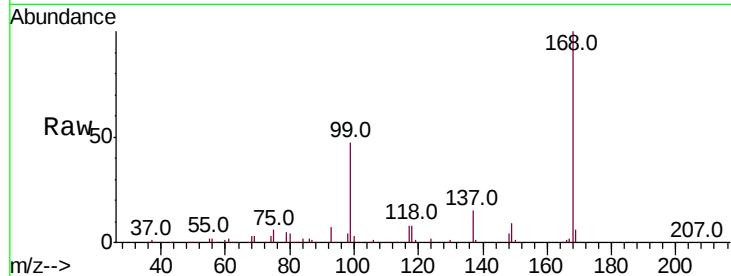


#1

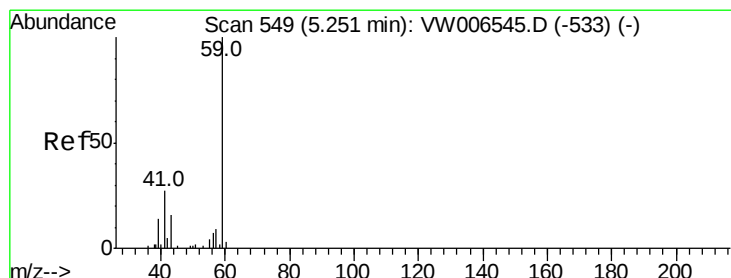
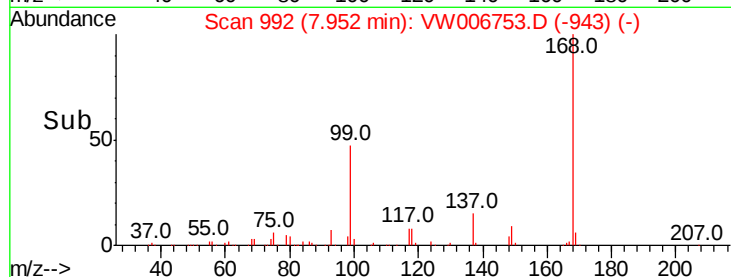
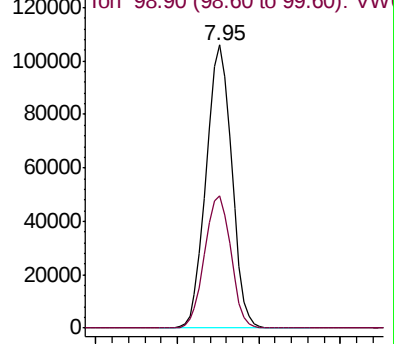
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW006753.D
 Acq: 07 Nov 2018 22:34

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:168 Resp: 229146
 Ion Ratio Lower Upper
 168 100
 99 46.9 37.4 56.0



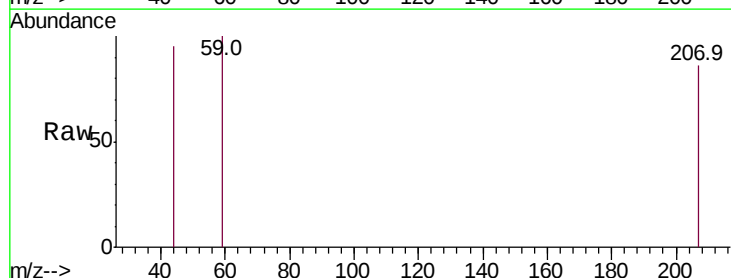
Abundance Ion 167.90 (167.60 to 168.60): V



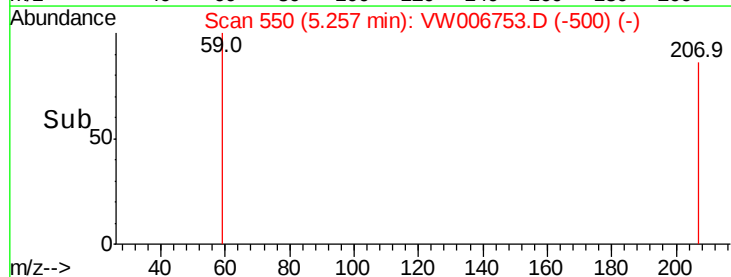
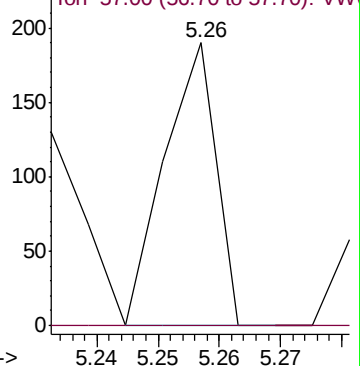
#11

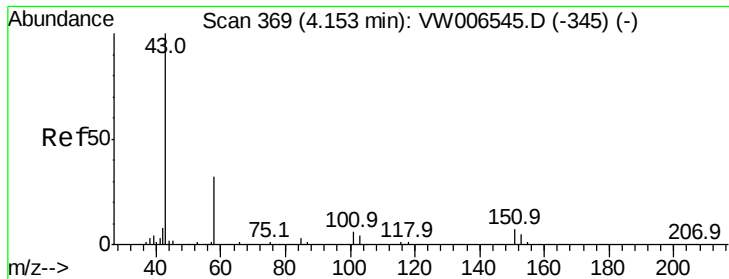
Tert butyl alcohol
 Concen: 1.036 ug/l
 RT: 5.26 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: VW006753.D
 Acq: 07 Nov 2018 22:34

Tgt Ion: 59 Resp: 110
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

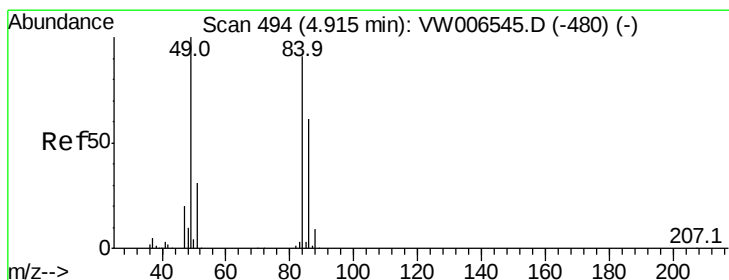
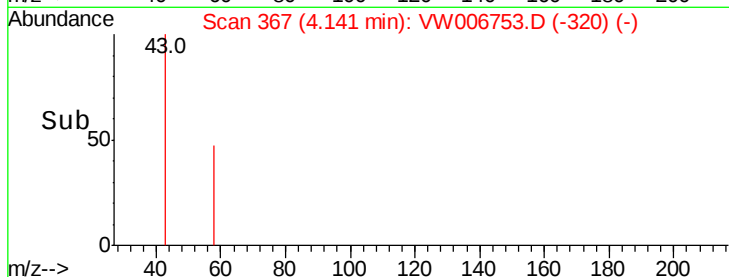
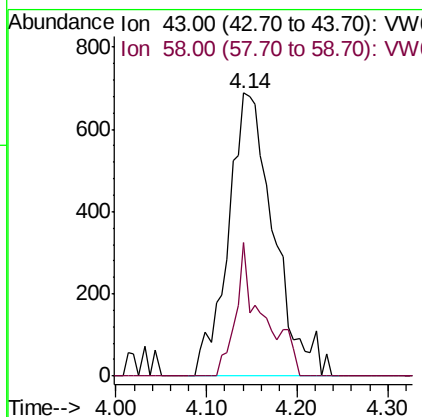
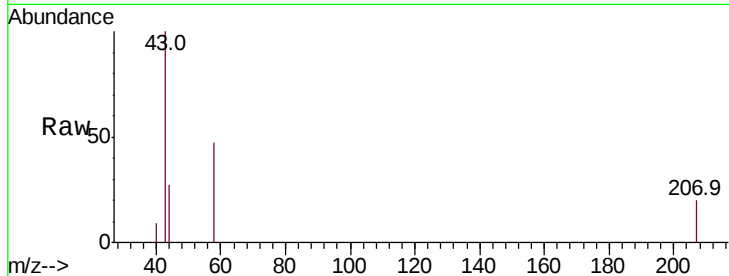




#16
Acetone
Concen: 7.528 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006753.D
Acq: 07 Nov 2018 22:34

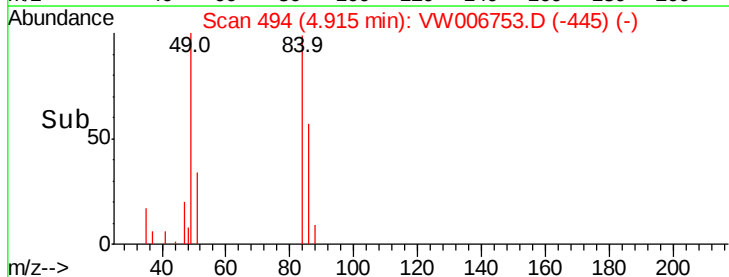
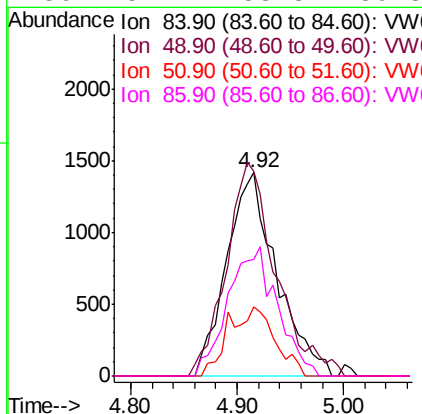
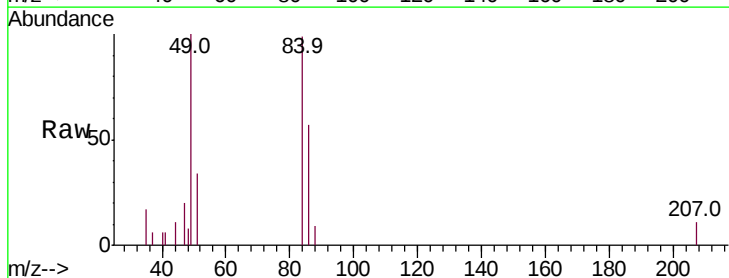
Instrument :
MSVOA_W
ClientSampleId :

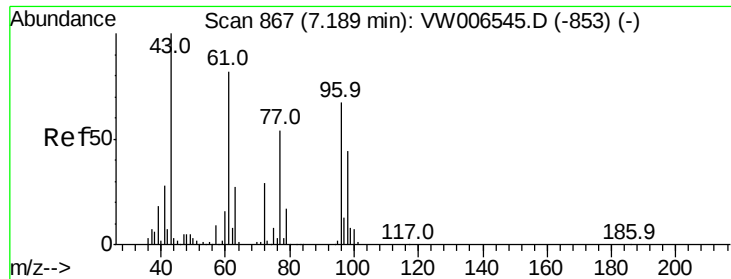
Tot Ion: 43 Resp: 2394
Ion Ratio Lower Upper
43 100
58 47.2 25.8 38.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006753.D
Acq: 07 Nov 2018 22:34

Tgt Ion: 84 Resp: 4644
Ion Ratio Lower Upper
84 100
49 101.0 88.2 132.4
51 34.2 27.0 40.6
86 57.2 53.8 80.8

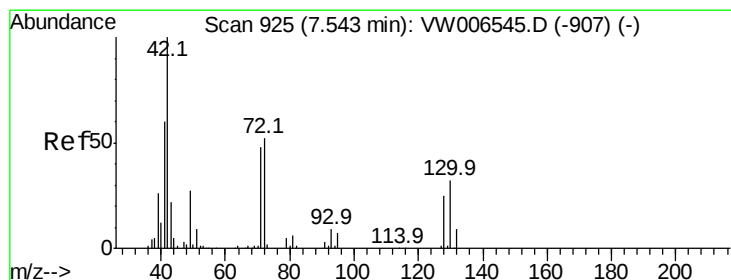
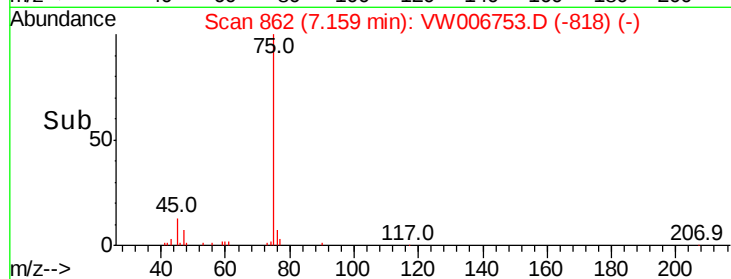
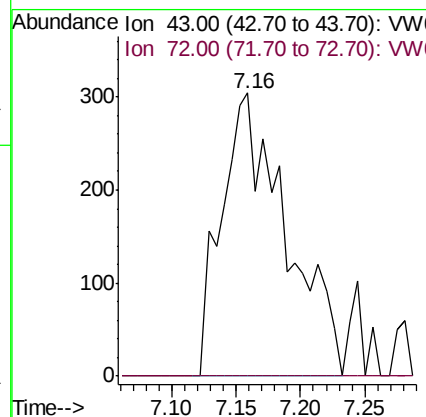
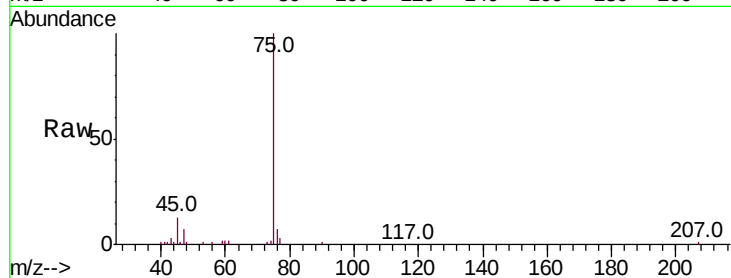




#25
2-Butanone
Concen: 2.323 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.03 min
Lab File: VW006753.D
Acq: 07 Nov 2018 22:34

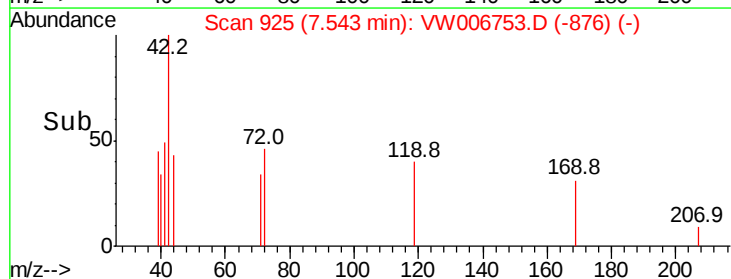
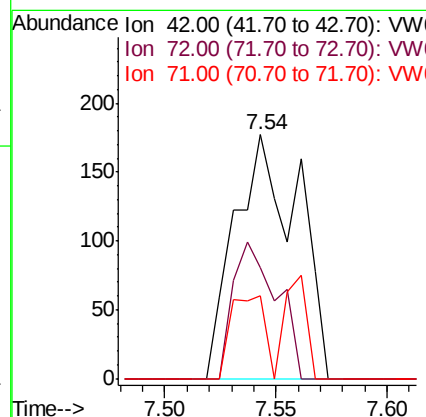
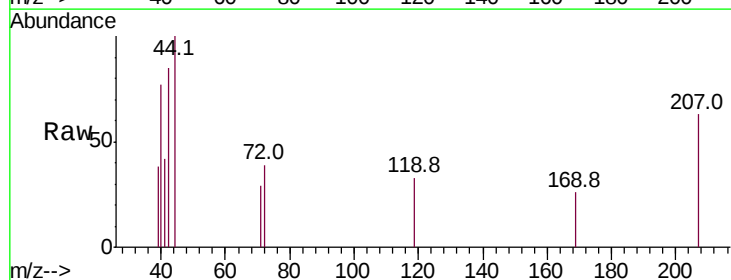
Instrument :
MSVOA_W
ClientSampleId :

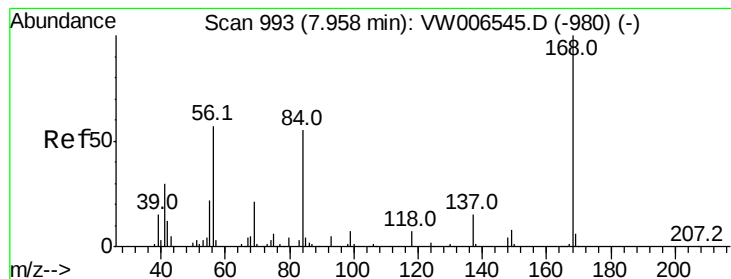
Tot Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



#29
Tetrahydrofuran
Concen: 1.216 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006753.D
Acq: 07 Nov 2018 22:34

Tgt Ion: 42 Resp: 347
Ion Ratio Lower Upper
42 100
72 39.2 39.2 58.8#
71 18.2 37.6 56.4#





#31

Cyclohexane

Concen: 1.190 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

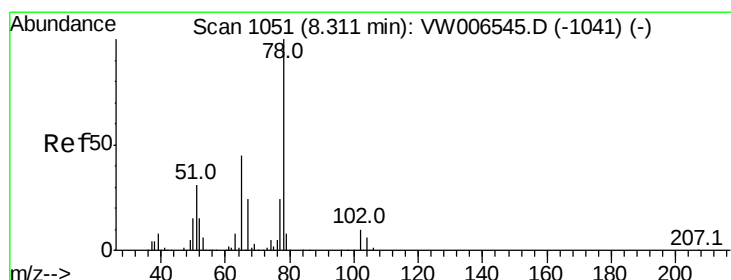
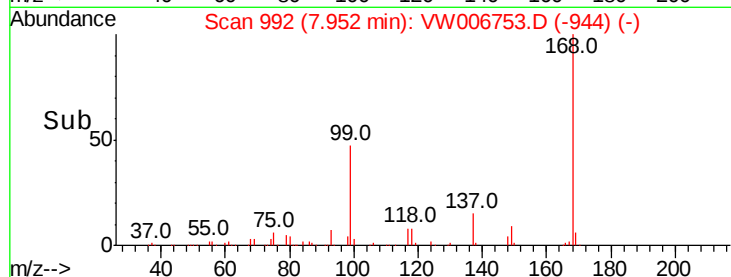
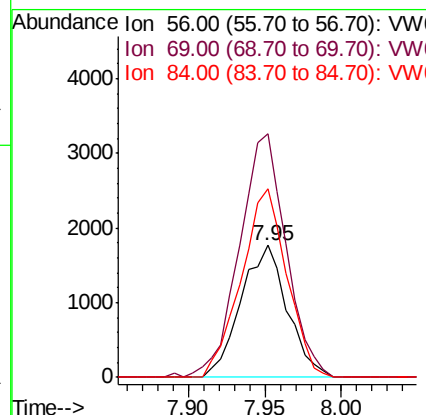
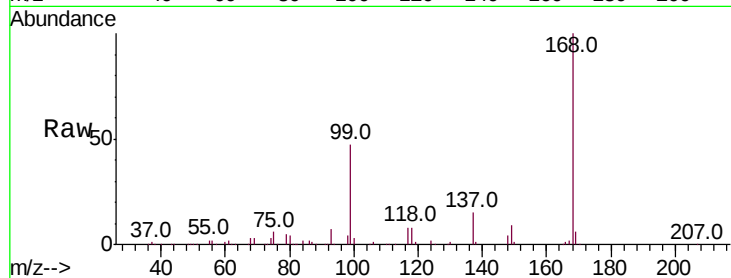
Lab File: VW006753.D

Acq: 07 Nov 2018 22:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 3732

Ion	Ratio	Lower	Upper
56	100		
69	184.3	29.0	43.4#
84	142.9	77.8	116.6#



#33

1,2-Dichloroethane-d4

Concen: 47.067 ug/l

RT: 8.31 min Scan# 1051

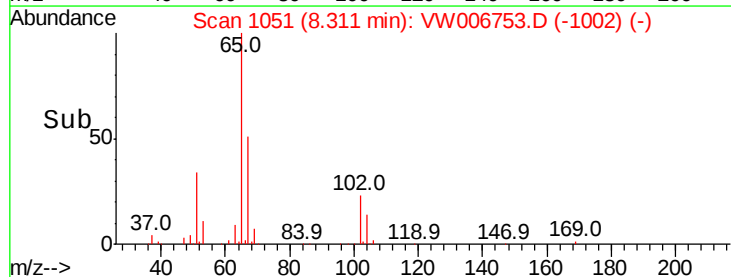
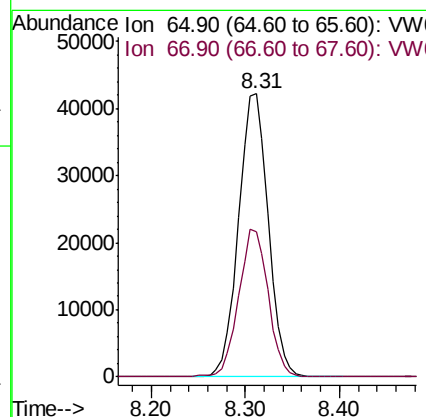
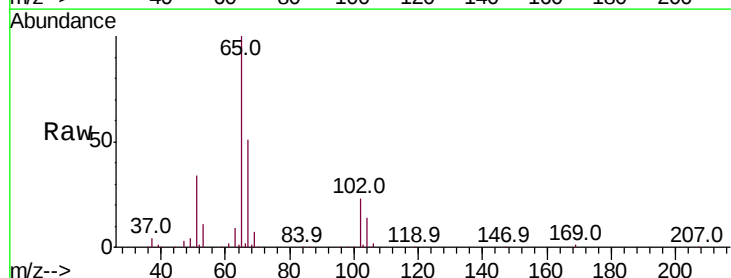
Delta R.T. 0.00 min

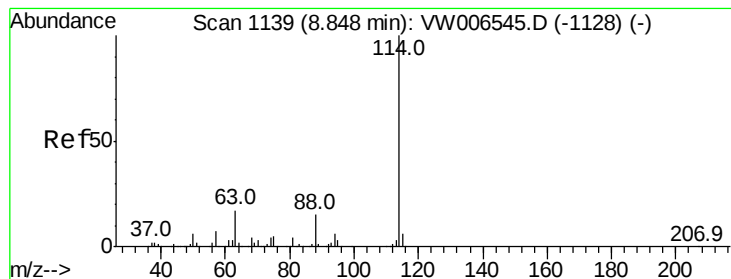
Lab File: VW006753.D

Acq: 07 Nov 2018 22:34

Tgt Ion: 65 Resp: 92710

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006753.D

Acq: 07 Nov 2018 22:34

Instrument :

MSVOA_W

ClientSampleId :

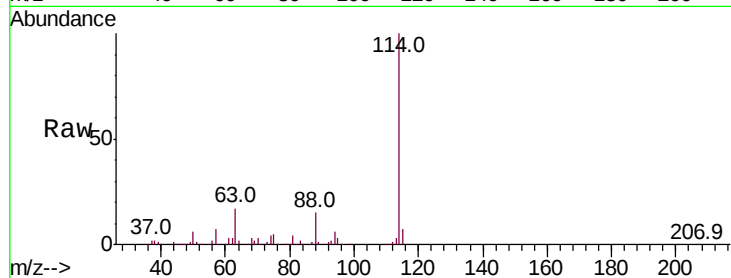
Tot Ion:114 Resp: 336576

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

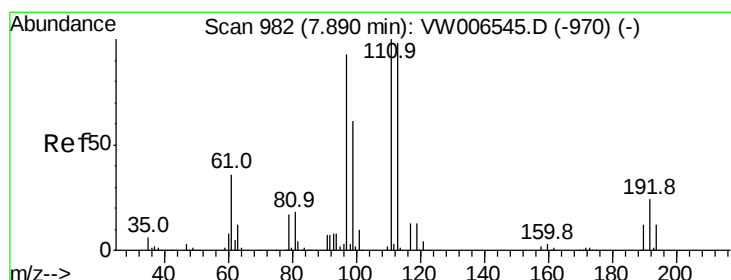
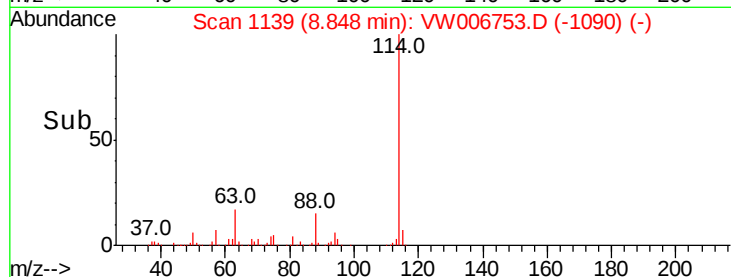
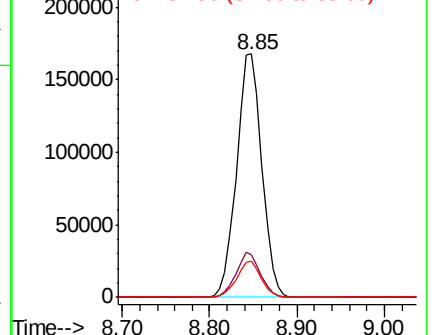
88 14.7 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 44.418 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006753.D

Acq: 07 Nov 2018 22:34

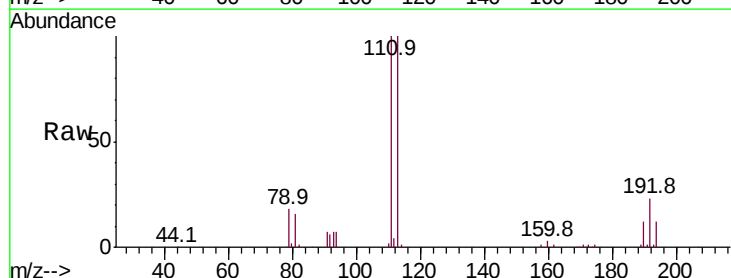
Tgt Ion:113 Resp: 93824

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.2

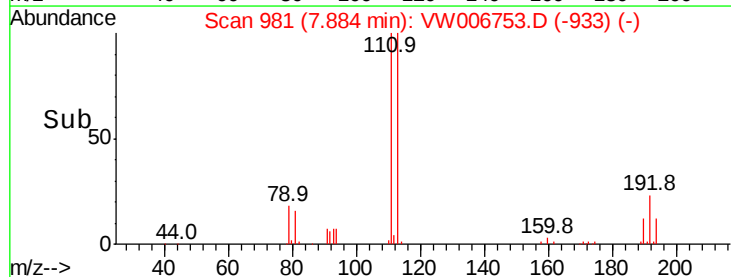
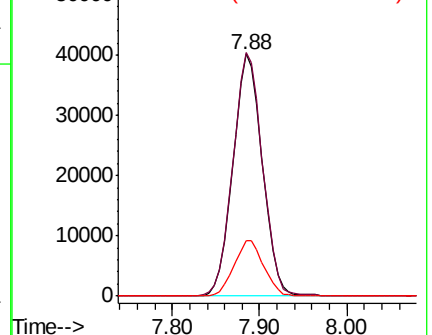
192 23.1 19.0 28.6

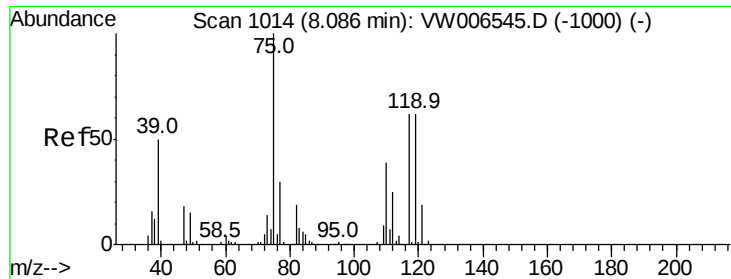


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

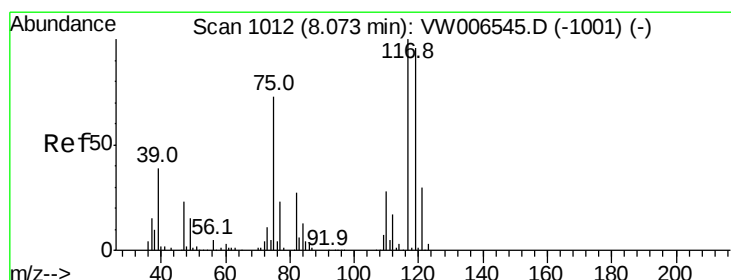
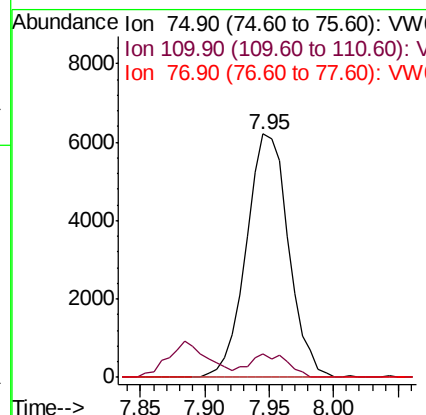
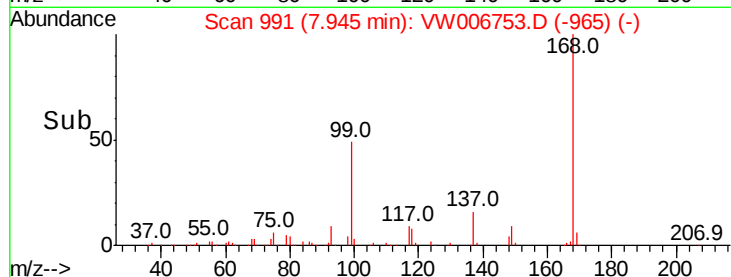
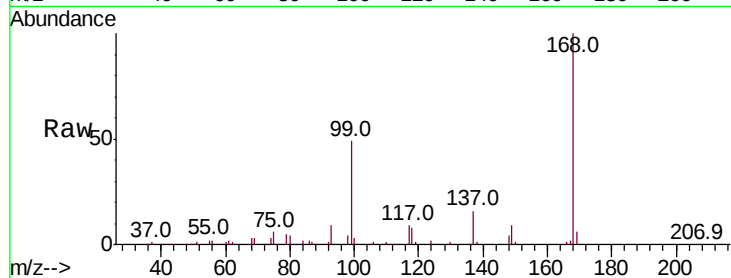




#36
 1,1-Dichloropropene
 Concen: 4.763 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006753.D
 Acq: 07 Nov 2018 22:34

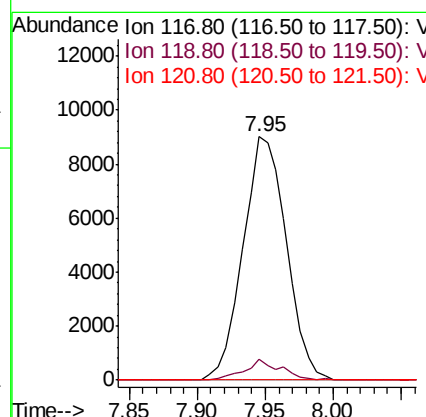
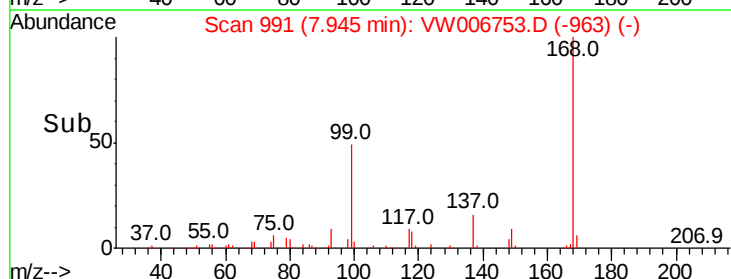
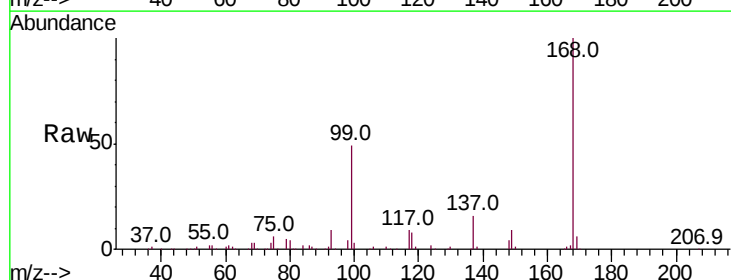
Instrument :
 MSVOA_W
 ClientSampleId :

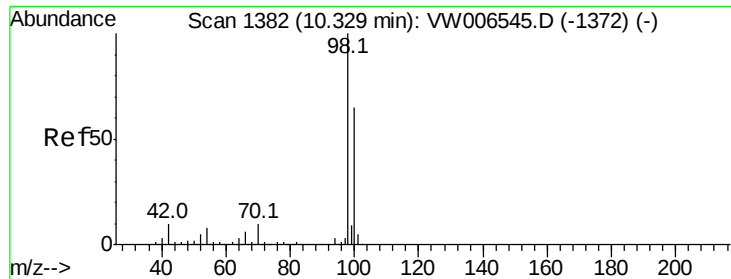
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.472 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006753.D
 Acq: 07 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	8.3	76.3	114.5#
121	0.0	24.1	36.1#

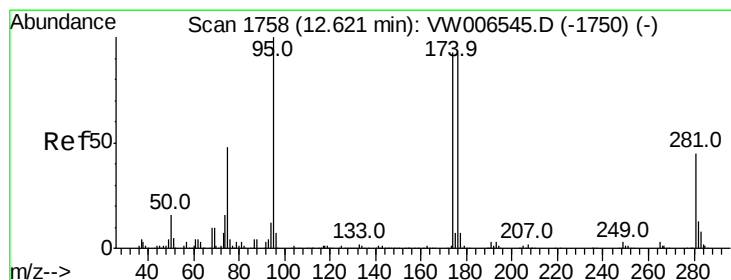
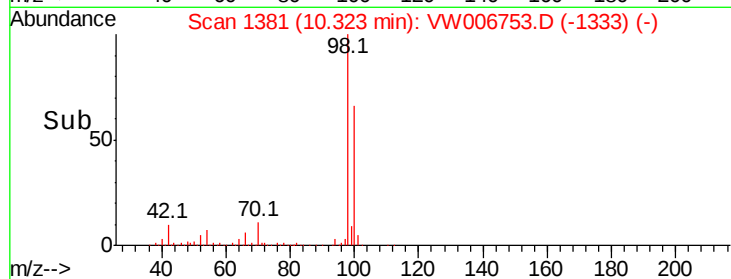
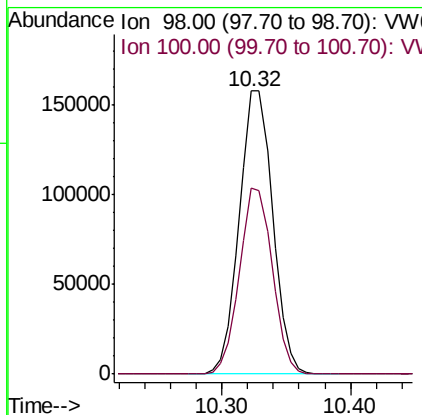
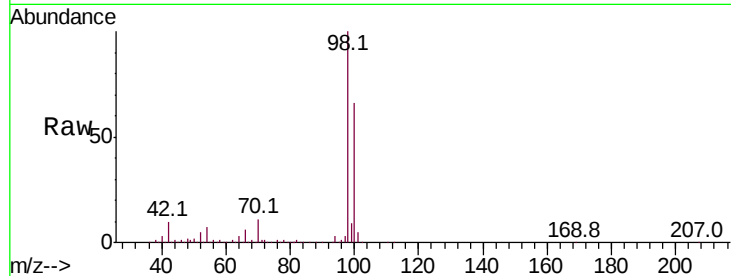




#50
Toluene-d8
Concen: 35.365 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006753.D
Acq: 07 Nov 2018 22:34

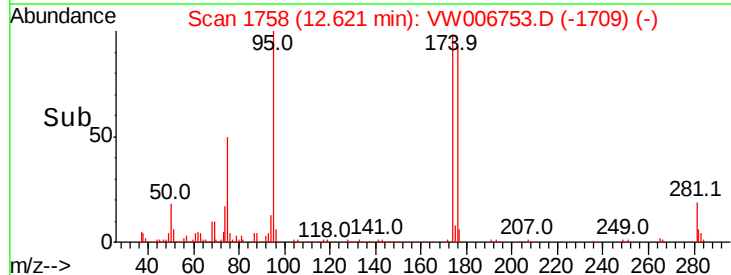
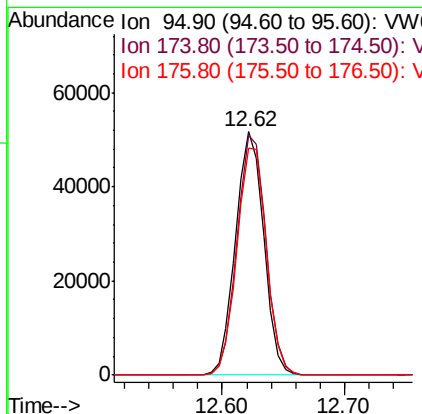
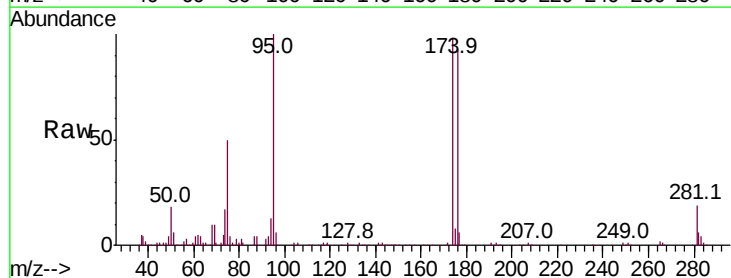
Instrument :
MSVOA_W
ClientSampleId :

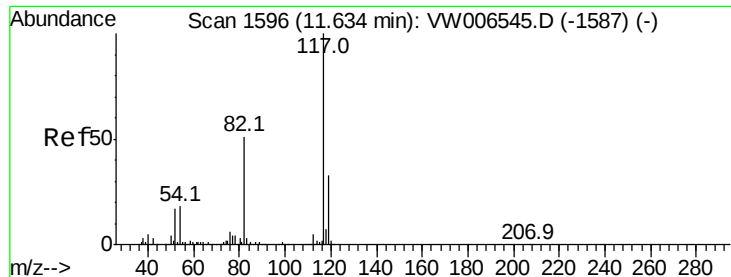
Tot Ion: 98 Resp: 284376
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 28.333 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006753.D
Acq: 07 Nov 2018 22:34

Tgt Ion: 95 Resp: 82595
Ion Ratio Lower Upper
95 100
174 101.0 0.0 192.4
176 97.2 0.0 187.4

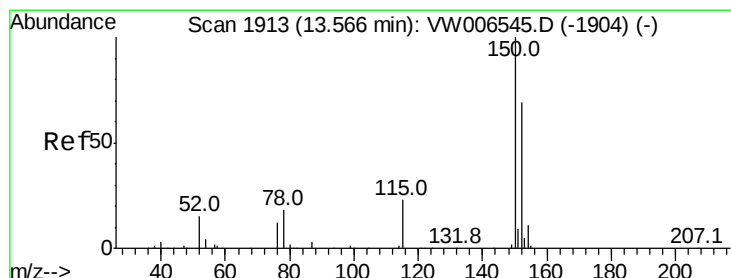
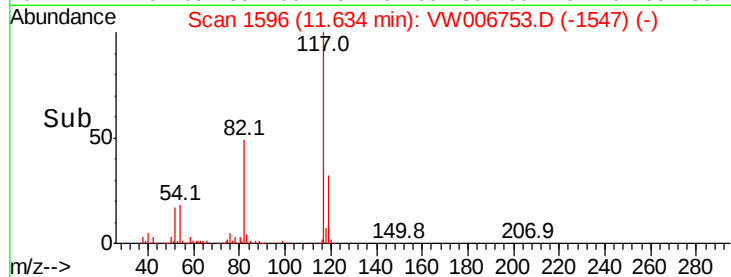
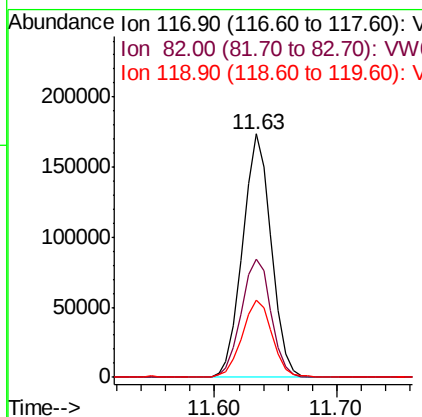
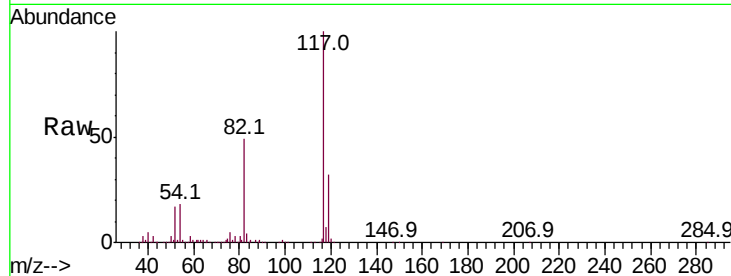




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006753.D
Acq: 07 Nov 2018 22:34

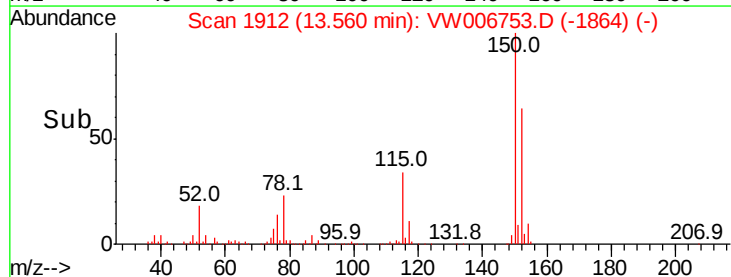
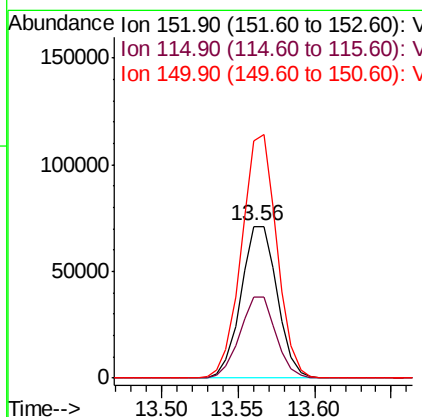
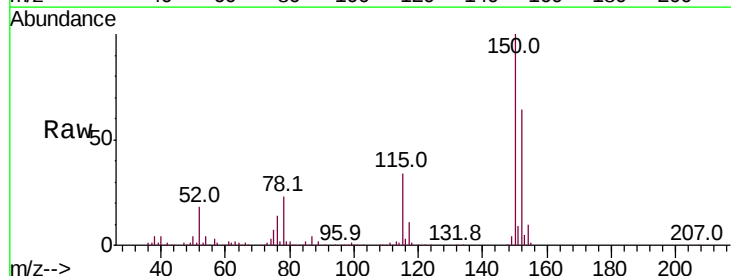
Instrument :
MSVOA_W
ClientSampleId :

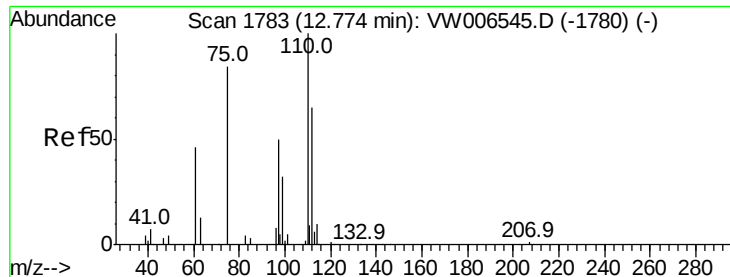
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.6	40.8	61.2
119	31.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006753.D
Acq: 07 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.0	26.6	79.8
150	156.4	0.0	344.6





#76

1,2,3-Trichloropropane

Concen: 45.593 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006753.D

Acq: 07 Nov 2018 22:34

Instrument :

MSVOA_W

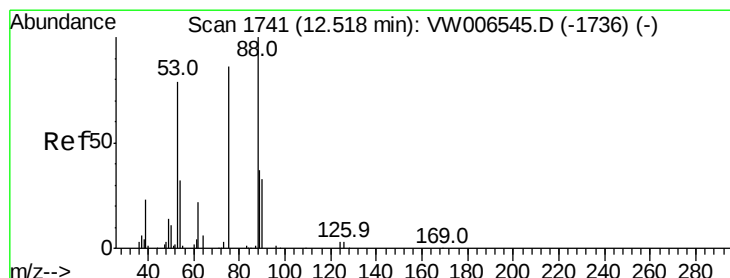
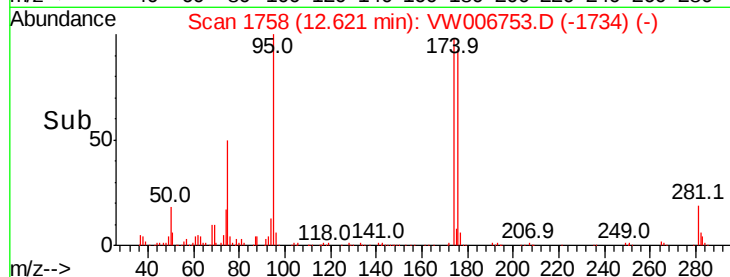
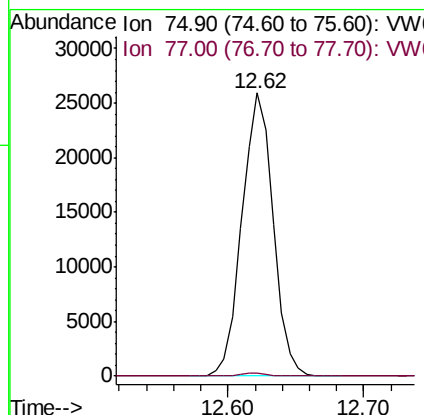
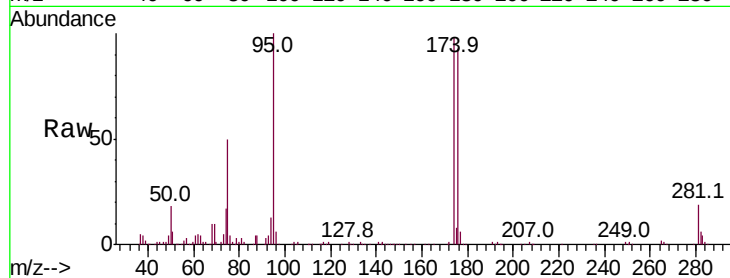
ClientSampleId :

Tot Ion: 75 Resp: 41484

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 114.449 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006753.D

Acq: 07 Nov 2018 22:34

Tgt Ion: 75 Resp: 41484

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.1 38.6 58.0#

