

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007260.D
 Acq On : 06 Dec 2018 05:48
 Operator : SY/AP
 Sample : J6194-01
 Misc : 7.2G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-120418-A

Quant Time: Dec 06 07:32:16 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

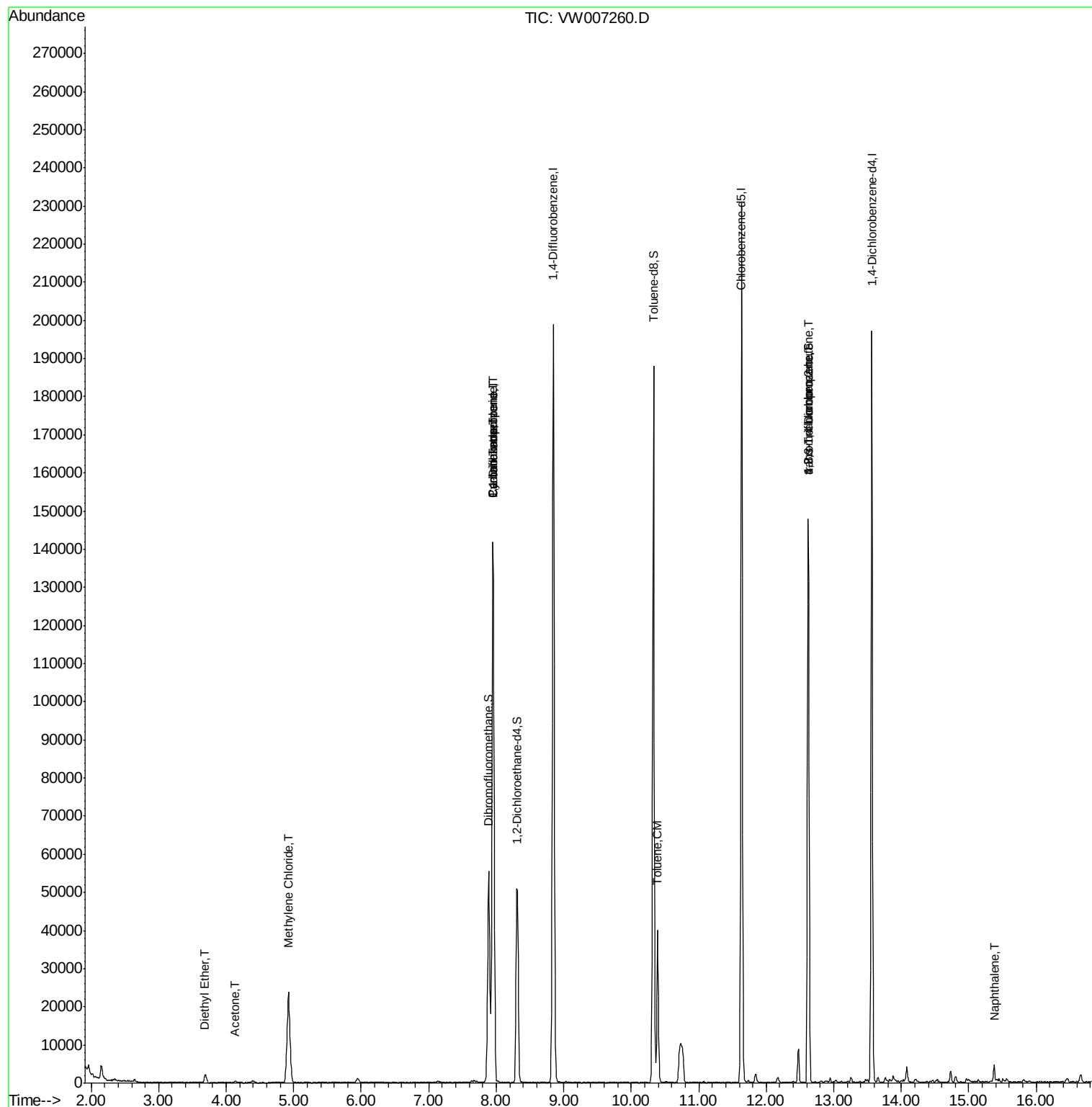
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	176382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	53052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42906	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	
35) Dibromofluoromethane	7.88	113	40824	40.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.84%	
50) Toluene-d8	10.33	98	128392	28.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.72%	
62) 4-Bromofluorobenzene	12.62	95	48898	29.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.24%	
Target Compounds						
8) Diethyl Ether	3.69	74	1259	2.544	ug/l	96
11) Tert butyl alcohol	5.17	59	82	Below Cal	#	75
16) Acetone	4.14	43	748	3.233	ug/l	93
20) Methylene Chloride	4.93	84	18146	11.564	ug/l	97
31) Cyclohexane	7.95	56	2092	1.079	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	7736	4.508	ug/l #	51
38) Carbon Tetrachloride	7.95	117	11161	6.372	ug/l #	17
52) Toluene	10.39	92	16421	5.016	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	24168	58.834	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	24168	126.807	ug/l #	13
95) Naphthalene	15.38	128	3900	1.897	ug/l	98

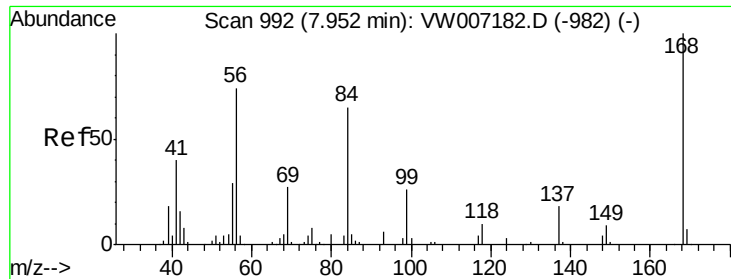
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
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OK-02-120418-A

Quant Time: Dec 06 07:32:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007260.D

Acq: 06 Dec 2018 05:48

Instrument :

MSVOA_W

ClientSampleId :

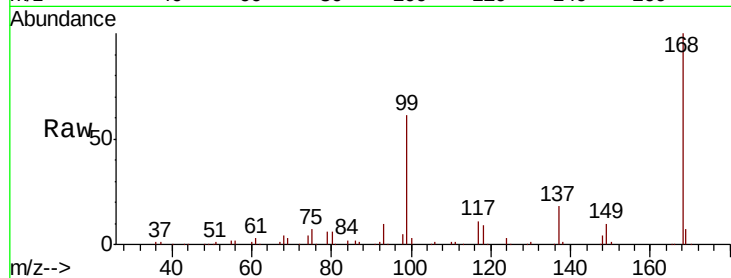
OK-02-120418-A

Tot Ion:168 Resp: 104979

Ion Ratio Lower Upper

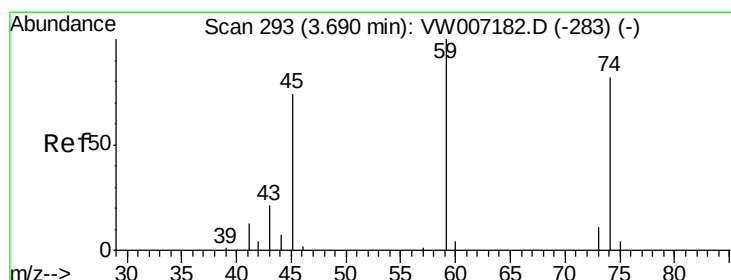
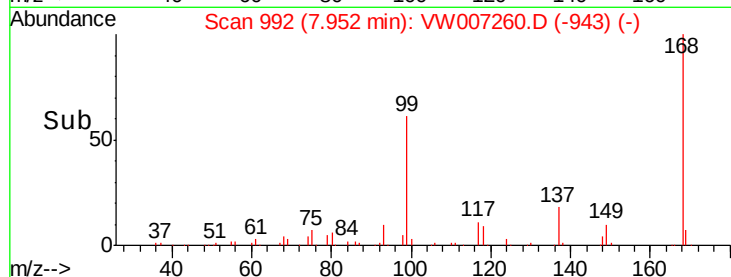
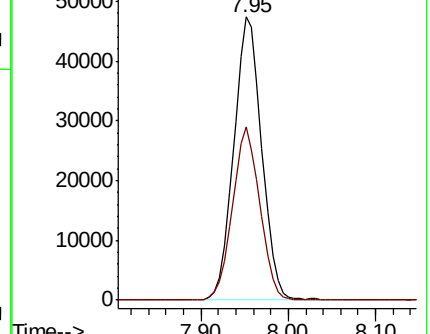
168 100

99 61.4 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.544 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW007260.D

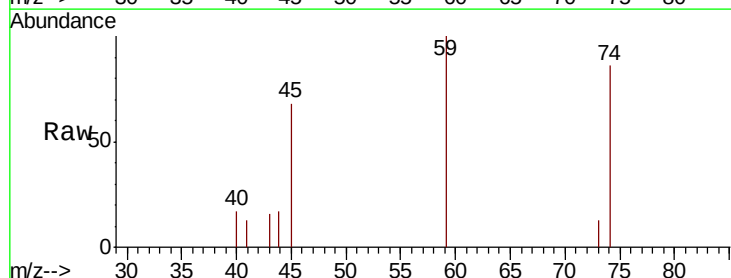
Acq: 06 Dec 2018 05:48

Tgt Ion: 74 Resp: 1259

Ion Ratio Lower Upper

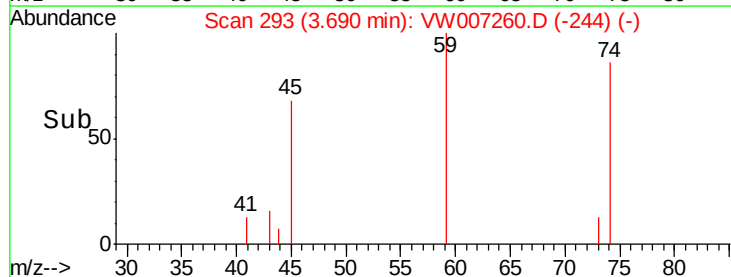
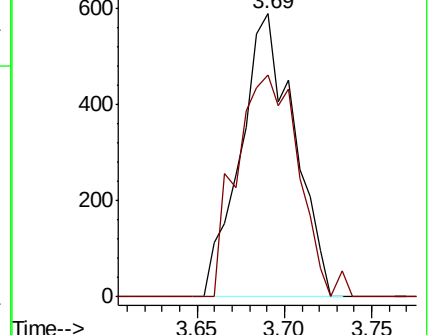
74 100

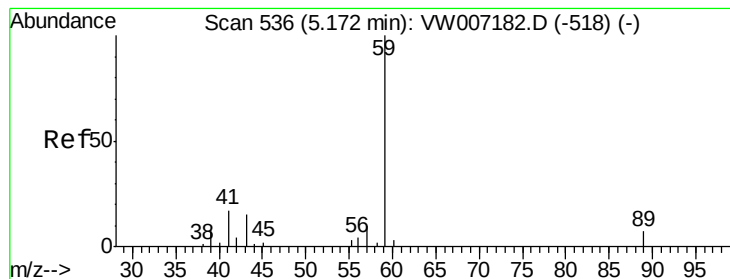
45 90.9 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



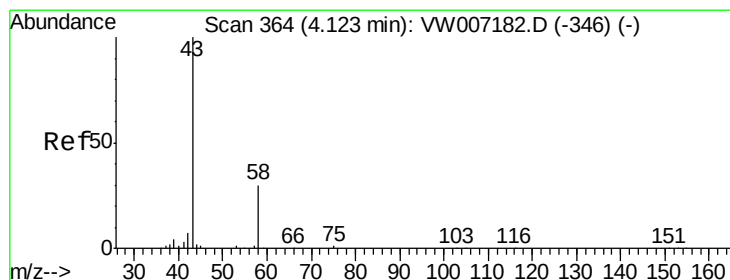
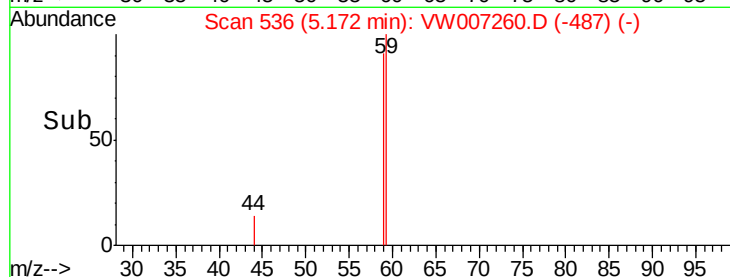
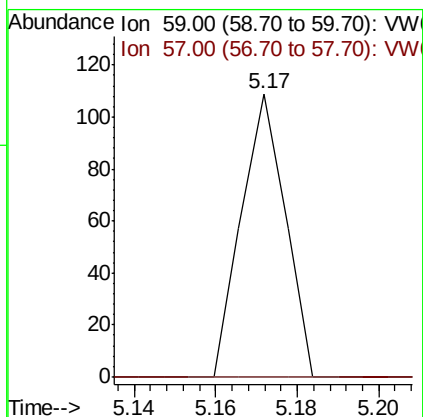
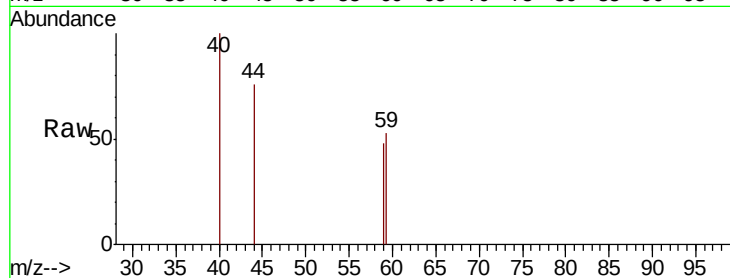


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW007260.D
 Acq: 06 Dec 2018 05:48

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-120418-A

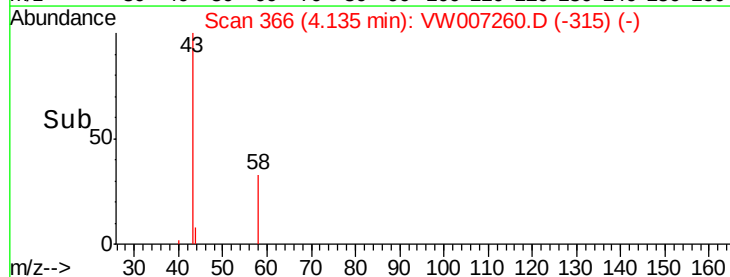
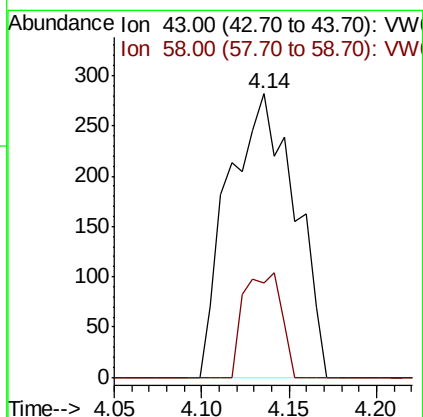
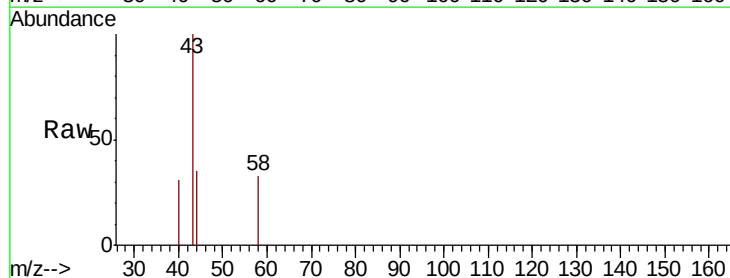
Tot Ion: 59 Resp: 82
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.1 10.7#

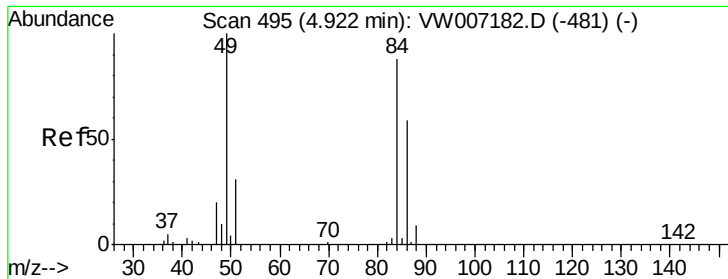


#16

Acetone
 Concen: 3.233 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW007260.D
 Acq: 06 Dec 2018 05:48

Tgt Ion: 43 Resp: 748
 Ion Ratio Lower Upper
 43 100
 58 33.3 23.8 35.8

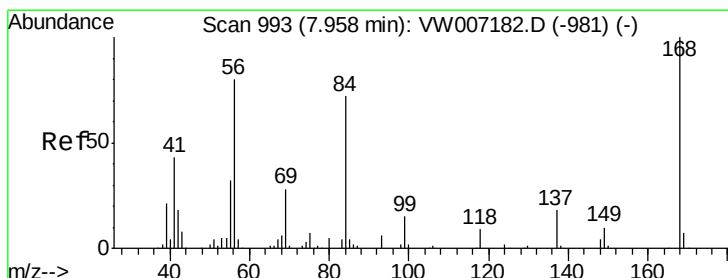
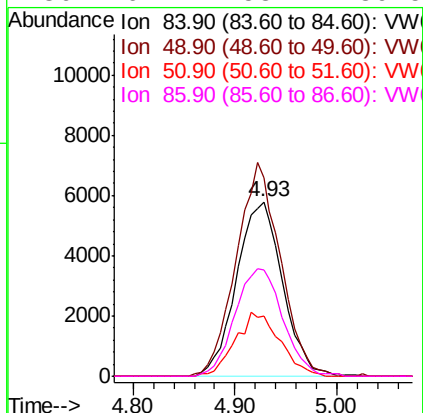
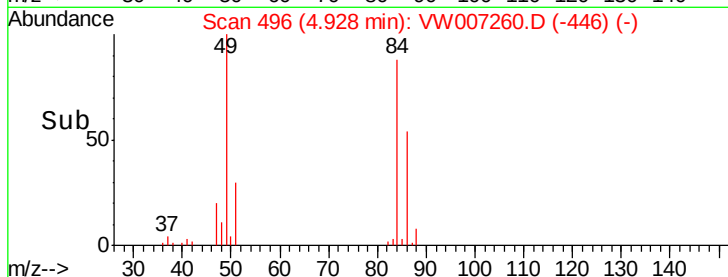
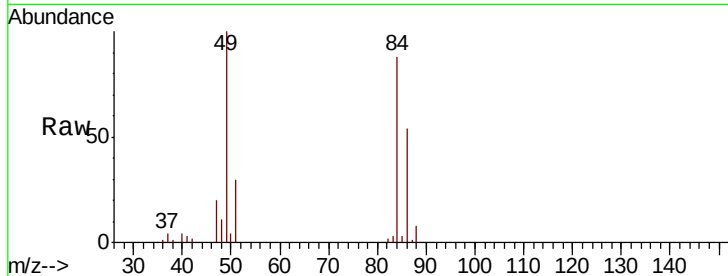




#20
Methylene Chloride
Concen: 11.564 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007260.D
Acq: 06 Dec 2018 05:48

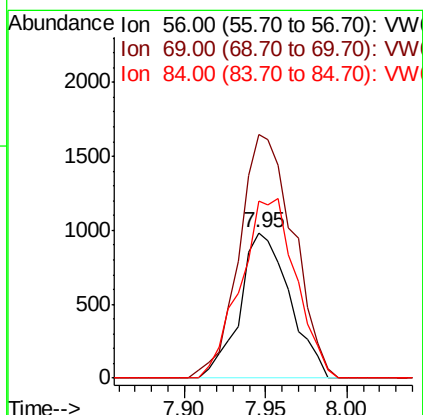
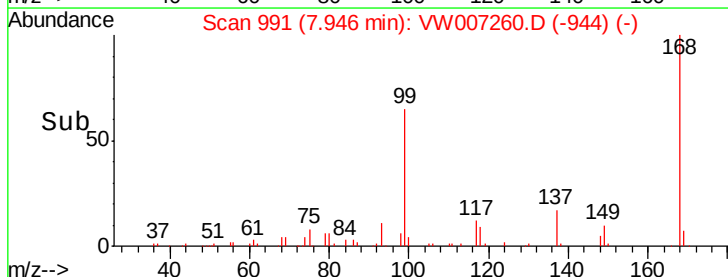
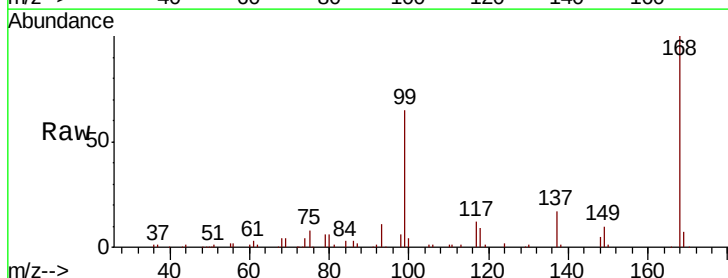
Instrument :
MSVOA_W
ClientSampleId :
OK-02-120418-A

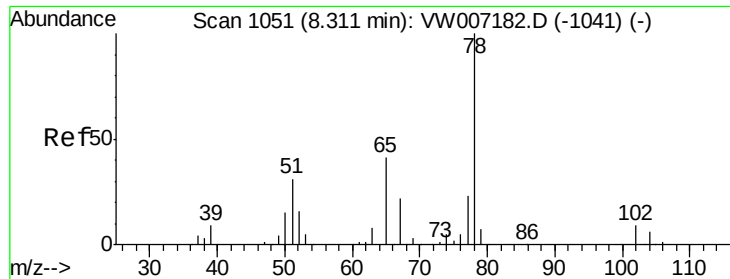
Tot Ion:	84	Resp:	18146
Ion	Ratio	Lower	Upper
84	100		
49	114.1	90.6	135.8
51	34.5	27.6	41.4
86	61.1	53.7	80.5



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007260.D
Acq: 06 Dec 2018 05:48

Tgt Ion:	56	Resp:	2092
Ion	Ratio	Lower	Upper
56	100		
69	167.4	28.2	42.2#
84	121.4	72.1	108.1#

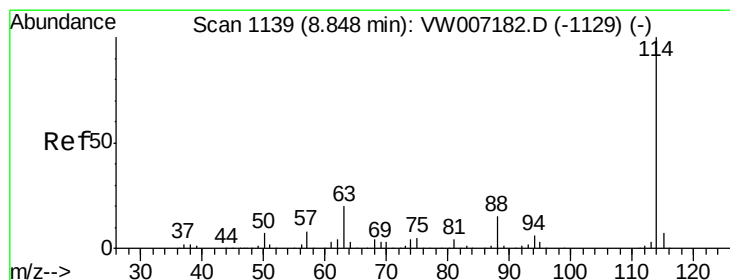
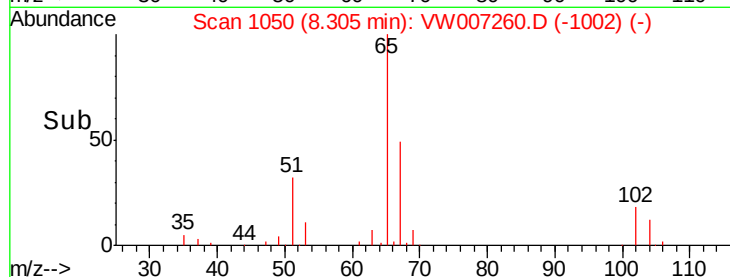
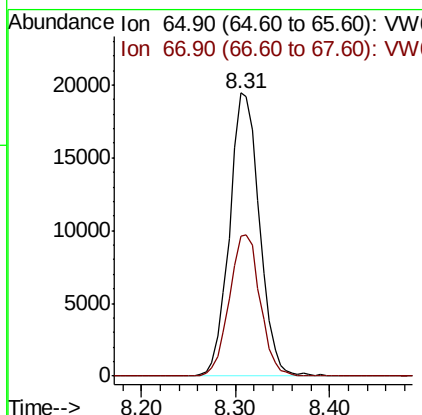
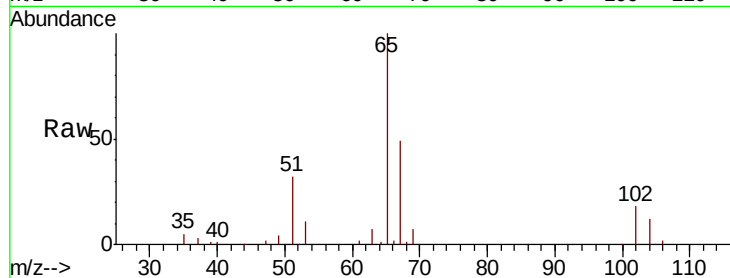




#33
 1,2-Dichloroethane-d4
 Concen: 43.898 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007260.D
 Acq: 06 Dec 2018 05:48

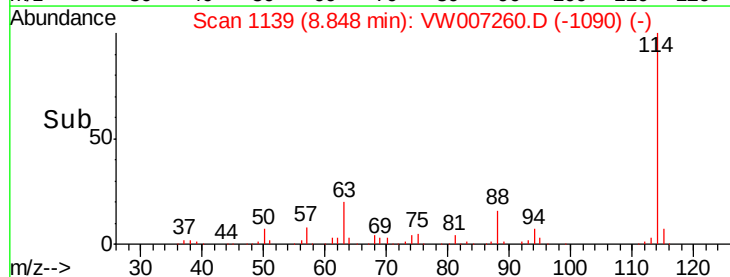
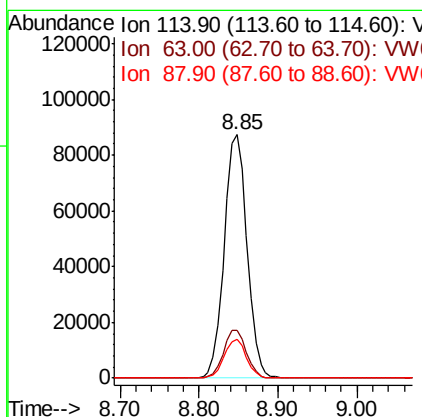
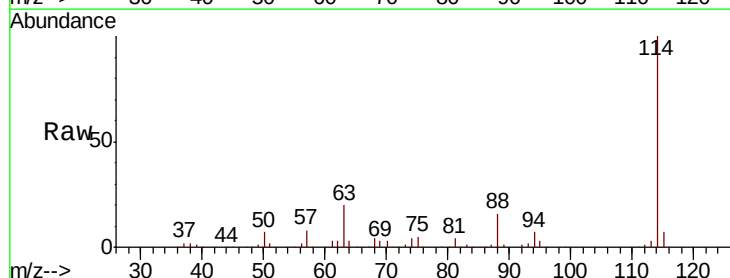
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-120418-A

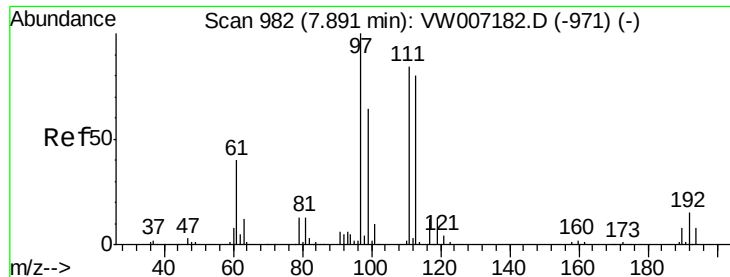
Tot Ion: 65 Resp: 42906
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007260.D
 Acq: 06 Dec 2018 05:48

Tgt Ion: 114 Resp: 176382
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.2
 88 15.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 40.421 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007260.D

Acq: 06 Dec 2018 05:48

Instrument :

MSVOA_W

ClientSampleId :

OK-02-120418-A

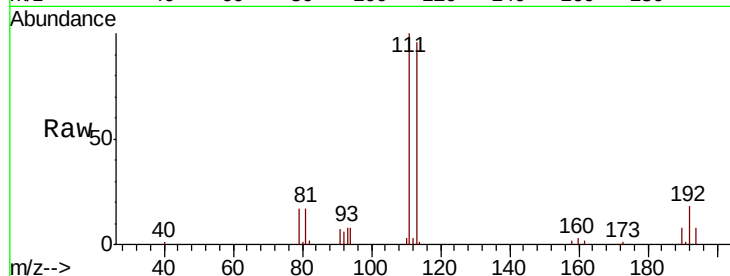
Tot Ion:113 Resp: 40824

Ion Ratio Lower Upper

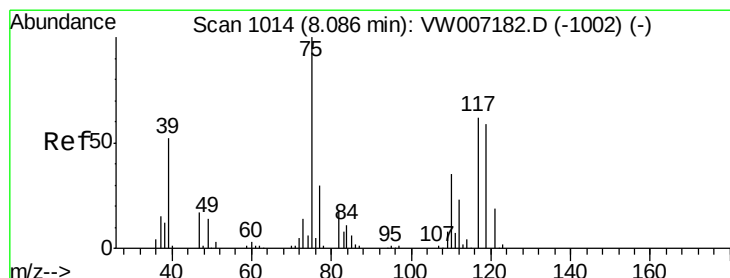
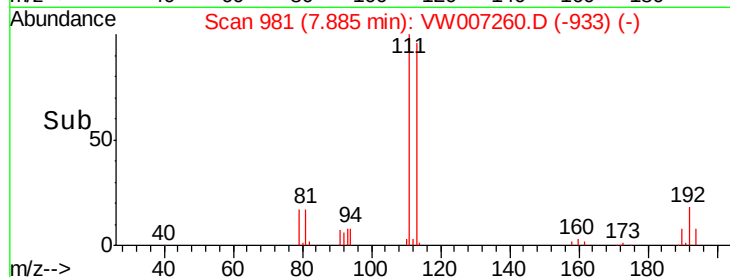
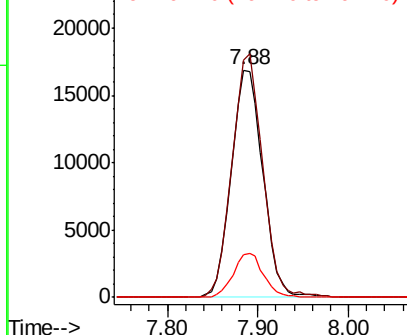
113 100

111 103.9 82.2 123.4

192 18.4 14.4 21.6



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: 4.508 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007260.D

Acq: 06 Dec 2018 05:48

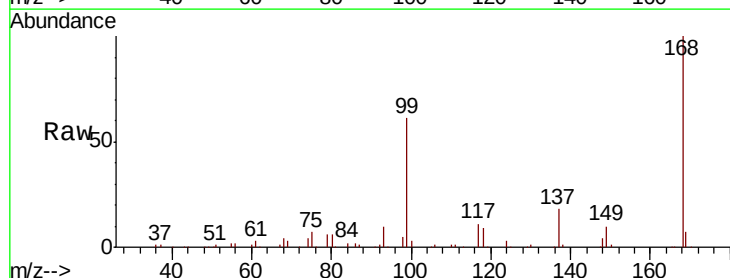
Tgt Ion: 75 Resp: 7736

Ion Ratio Lower Upper

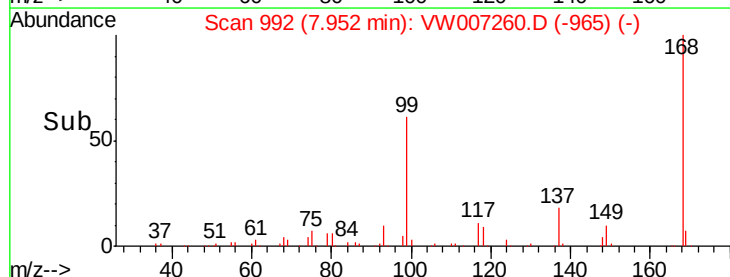
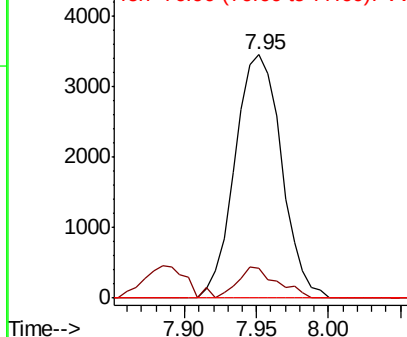
75 100

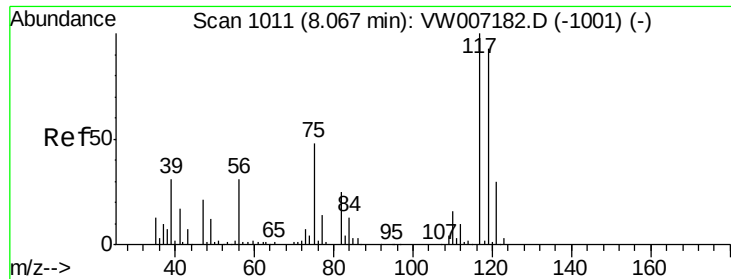
110 10.9 18.3 54.9#

77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.372 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007260.D

Acq: 06 Dec 2018 05:48

Instrument :

MSVOA_W

ClientSampleId :

OK-02-120418-A

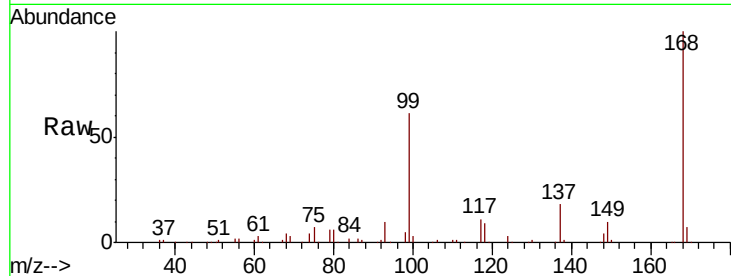
Tot Ion:117 Resp: 11161

Ion Ratio Lower Upper

117 100

119 4.2 74.1 111.1#

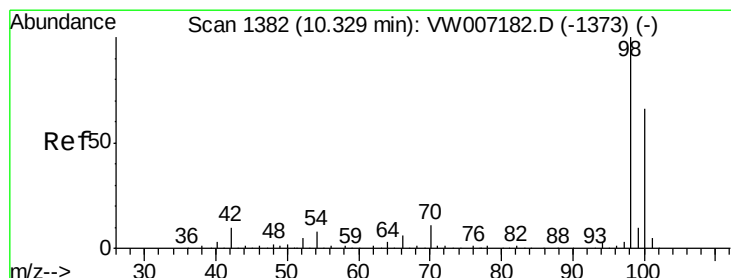
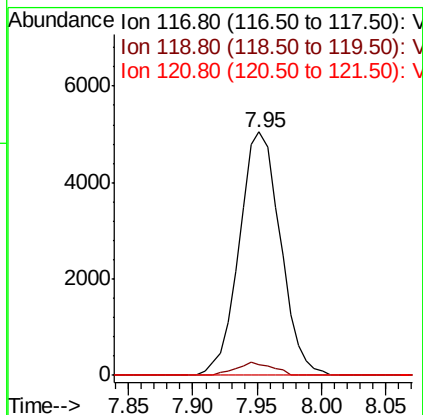
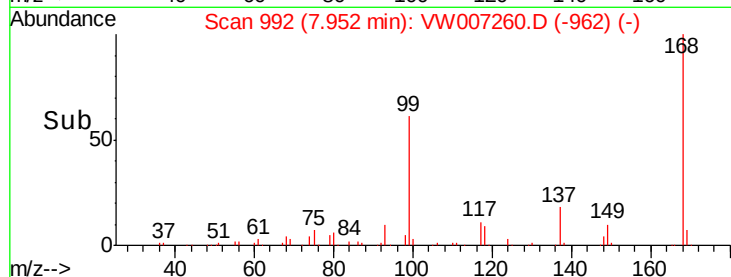
121 0.0 23.9 35.9#



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: 28.860 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007260.D

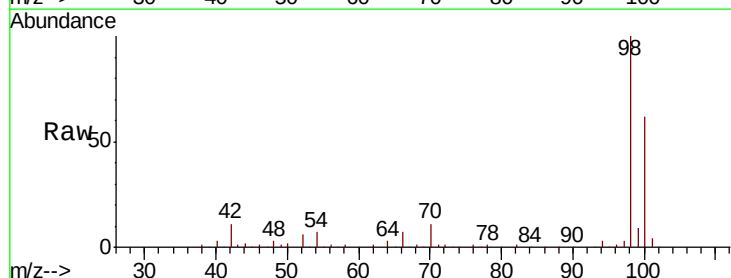
Acq: 06 Dec 2018 05:48

Tgt Ion: 98 Resp: 128392

Ion Ratio Lower Upper

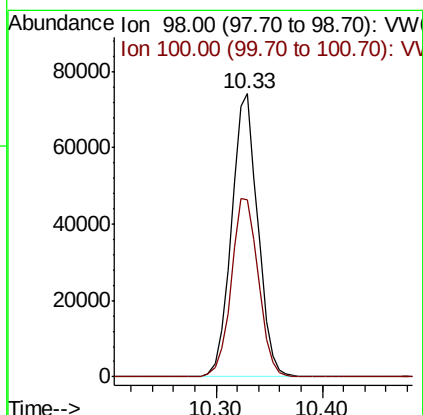
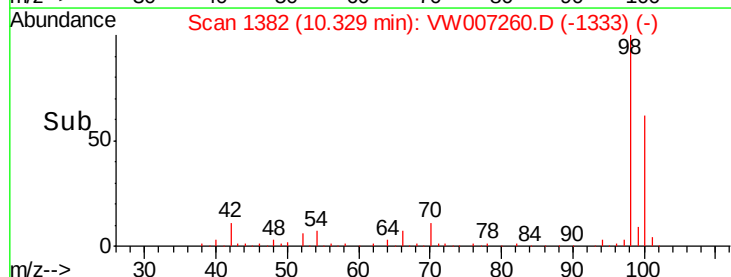
98 100

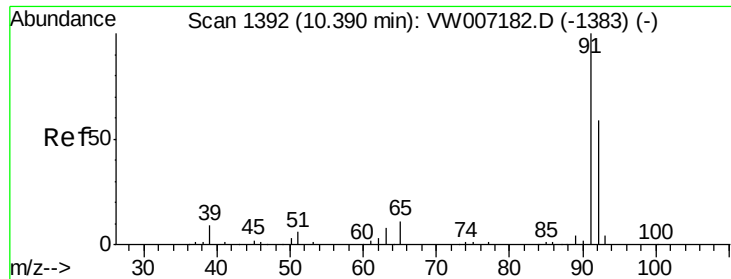
100 65.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 5.016 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007260.D

Acq: 06 Dec 2018 05:48

Instrument :

MSVOA_W

ClientSampleId :

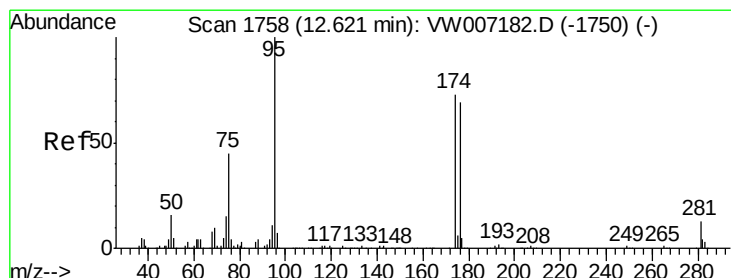
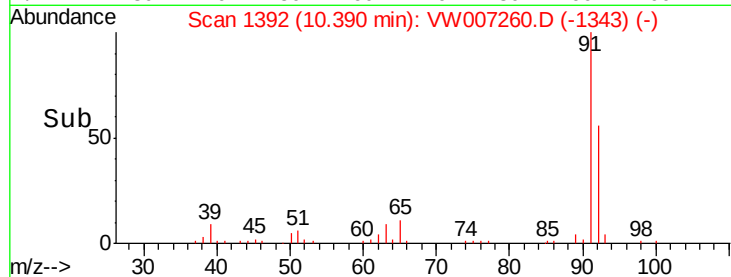
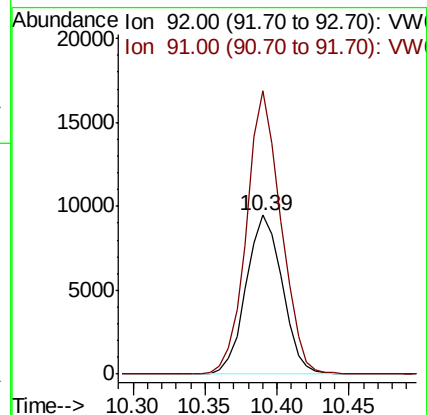
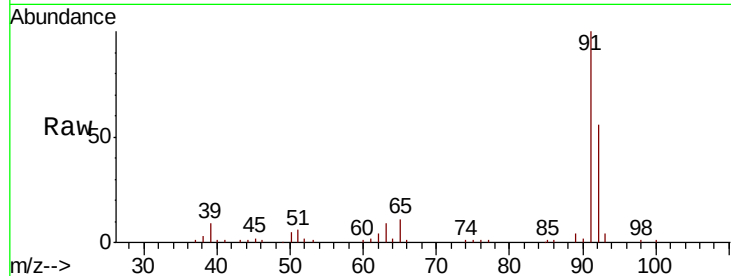
OK-02-120418-A

Tot Ion: 92 Resp: 16421

Ion Ratio Lower Upper

92 100

91 169.6 136.0 204.0



#62

4-Bromofluorobenzene

Concen: 29.120 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007260.D

Acq: 06 Dec 2018 05:48

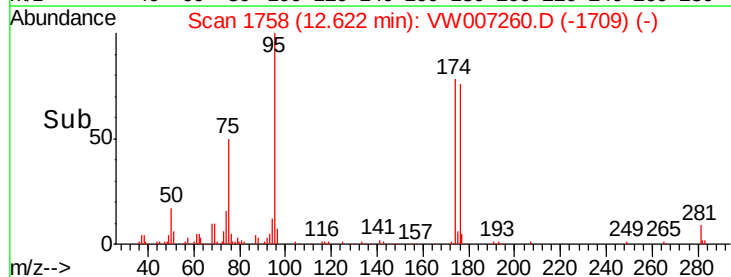
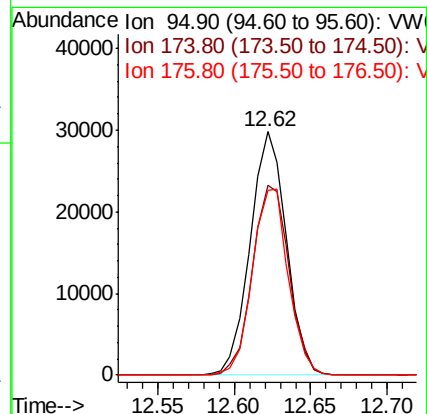
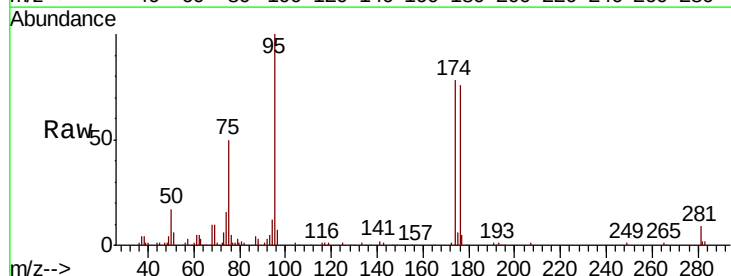
Tgt Ion: 95 Resp: 48898

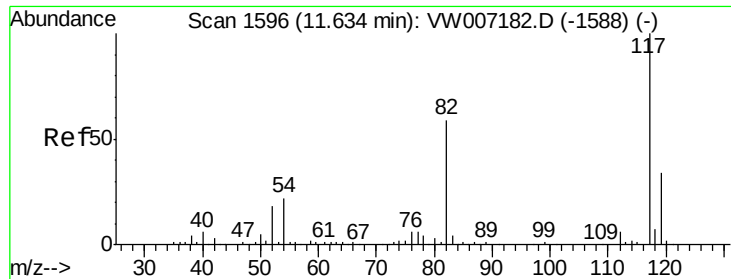
Ion Ratio Lower Upper

95 100

174 79.3 0.0 148.0

176 76.0 0.0 139.4

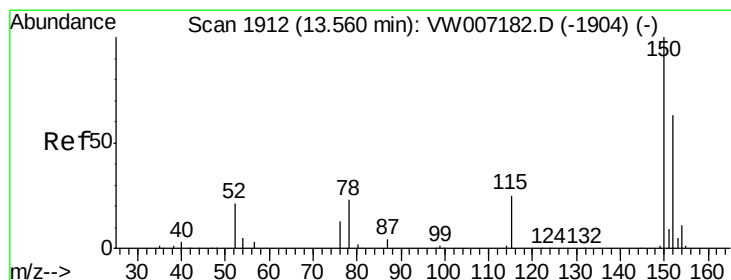
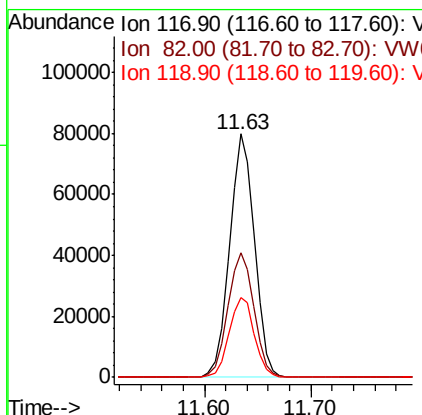
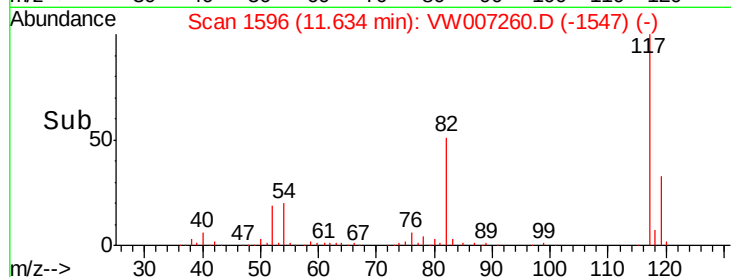
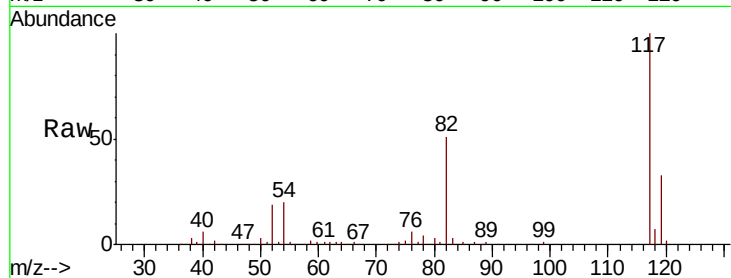




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007260.D
Acq: 06 Dec 2018 05:48

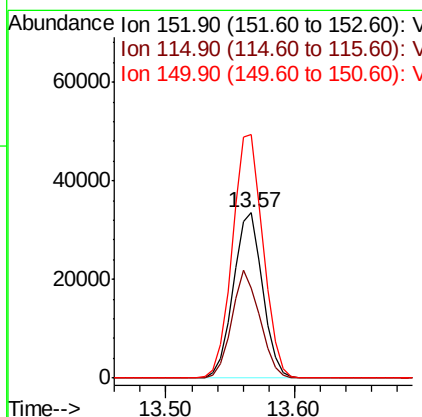
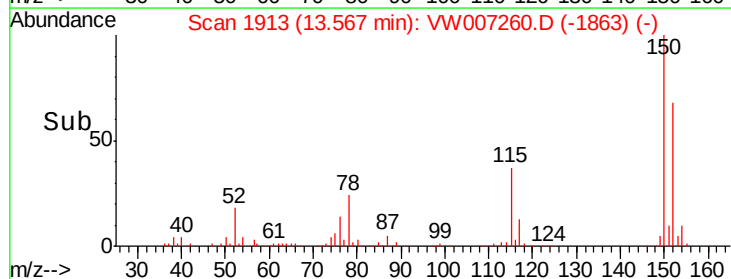
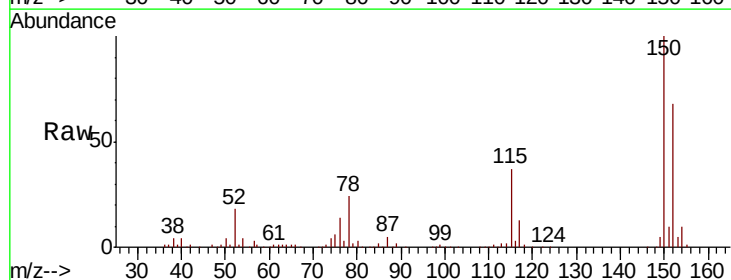
Instrument :
MSVOA_W
ClientSampleId :
OK-02-120418-A

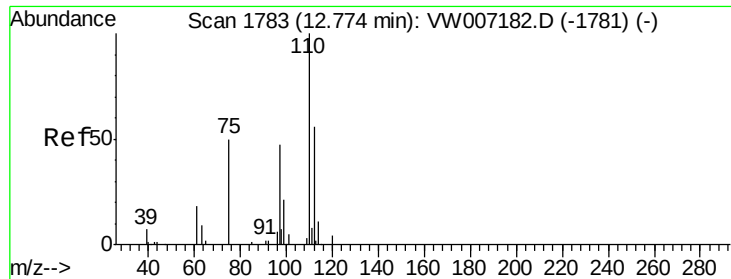
Tot Ion:117 Resp: 131201
Ion Ratio Lower Upper
117 100
82 51.2 47.4 71.2
119 33.0 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007260.D
Acq: 06 Dec 2018 05:48

Tgt Ion:152 Resp: 53052
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.8
150 154.1 0.0 358.0

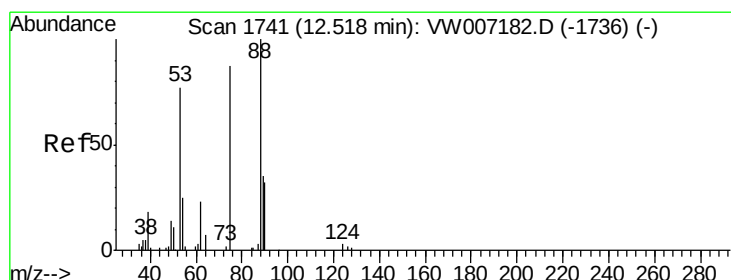
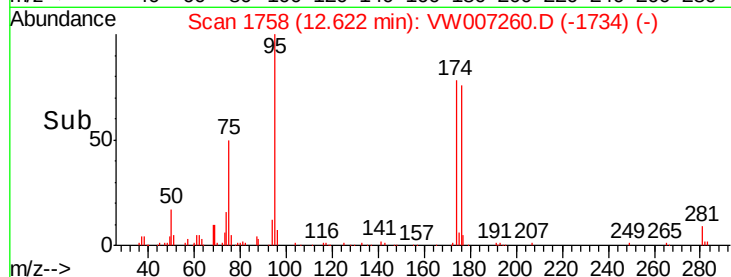
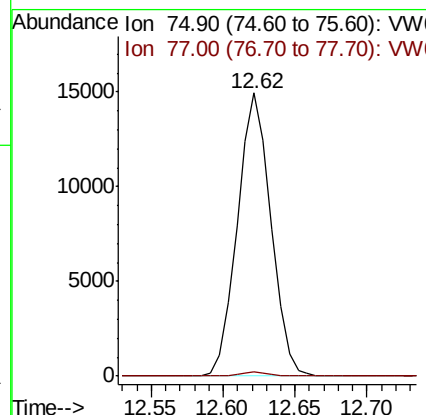
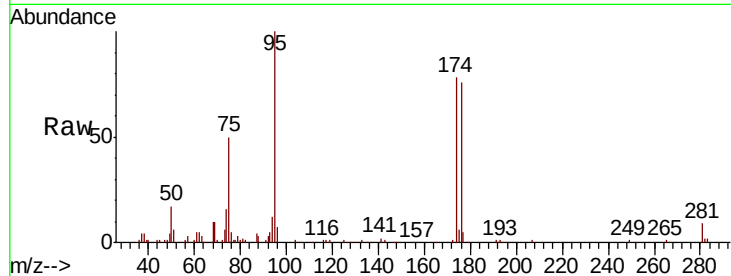




#76
 1,2,3-Trichloropropane
 Concen: 58.834 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007260.D
 Acq: 06 Dec 2018 05:48

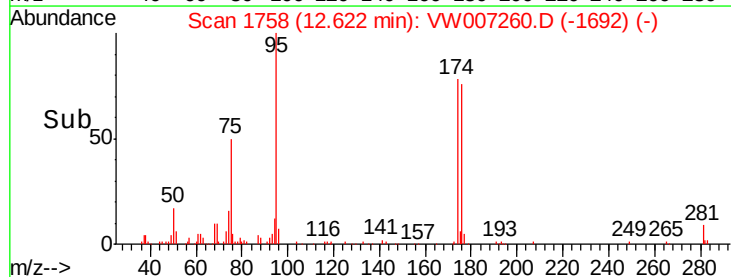
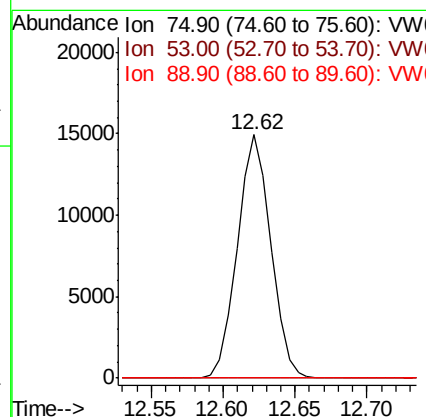
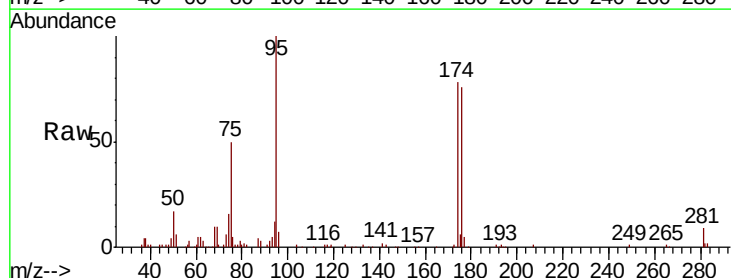
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-120418-A

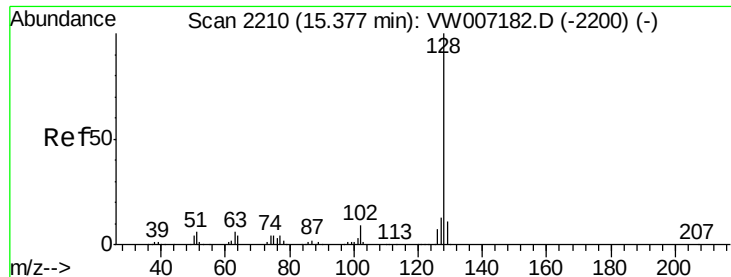
Tot Ion: 75 Resp: 24168
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.807 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007260.D
 Acq: 06 Dec 2018 05:48

Tgt Ion: 75 Resp: 24168
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.1 36.4 54.6#

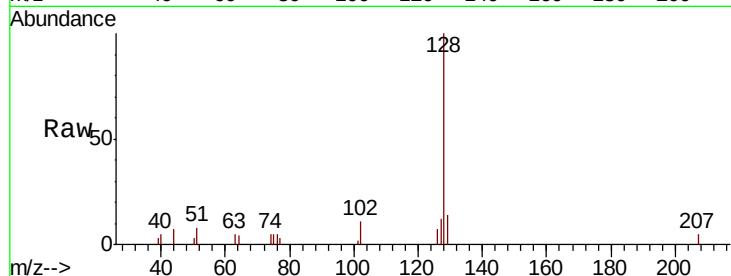




#95
Naphthalene
Concen: 1.897 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007260.D
Acq: 06 Dec 2018 05:48

Instrument :
MSVOA_W
ClientSampleId :
OK-02-120418-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	12.0	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

