

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003879.D
 Acq On : 11 Jul 2018 22:17
 Operator : SY/AP
 Sample : J3881-08RE
 Misc : 4.84G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 01:56:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	166295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	287186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	229667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	75208	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	121720	55.97	ug/l	0.00
Spiked Amount			Recovery	=	111.94%	
35) Dibromofluoromethane	7.88	113	98685	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
50) Toluene-d8	10.33	98	337503	43.90	ug/l	0.00
Spiked Amount			Recovery	=	87.80%	
62) 4-Bromofluorobenzene	12.62	95	89019	32.00	ug/l	0.00
Spiked Amount			Recovery	=	64.00%	

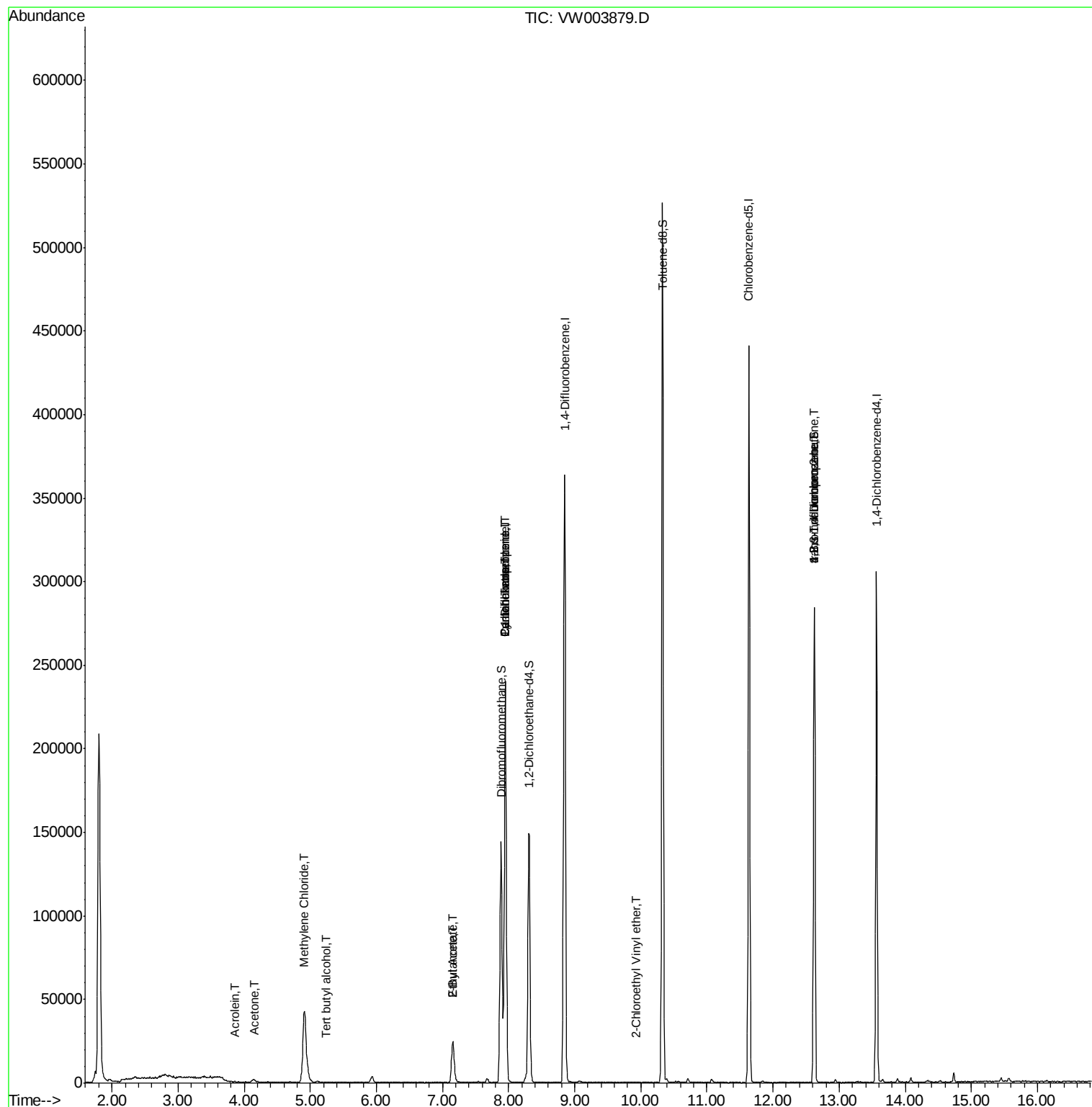
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	286	2.427	ug/l #	70
13) Acrolein	3.86	56	41	4.948	ug/l #	14
16) Acetone	4.15	43	3173	8.410	ug/l #	84
20) Methylene Chloride	4.91	84	36478	16.940	ug/l	96
25) 2-Butanone	7.15	43	1486	2.515	ug/l	92
31) Cyclohexane	7.96	56	4444	1.400	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	14353	4.710	ug/l #	50
37) Ethyl Acetate	7.15	43	1486	1.002	ug/l #	1
38) Carbon Tetrachloride	7.95	117	16946	5.849	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.93	63	33	13.197	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	47564	64.404	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	47564	157.547	ug/l #	8

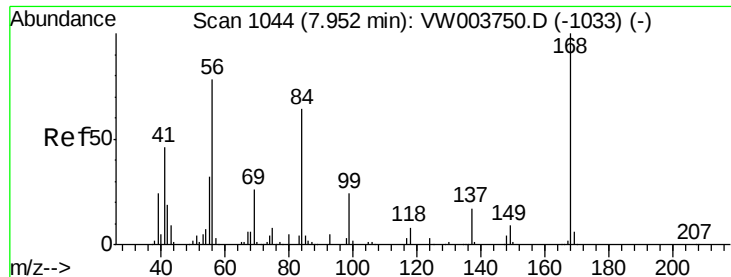
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
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: VW003879.D

Acq: 11 Jul 2018 22:17

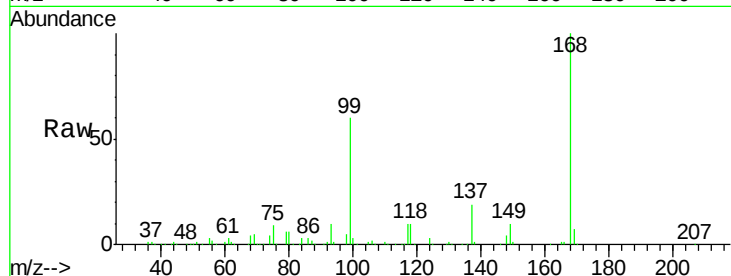
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 166295

Ion Ratio Lower Upper

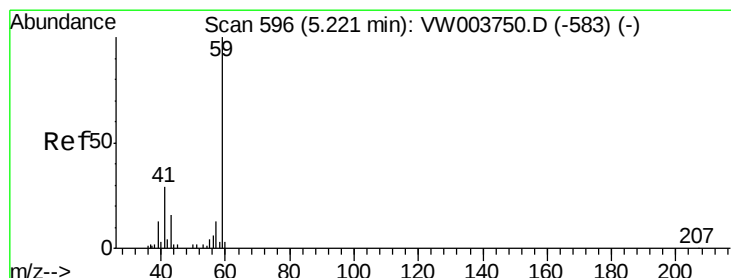
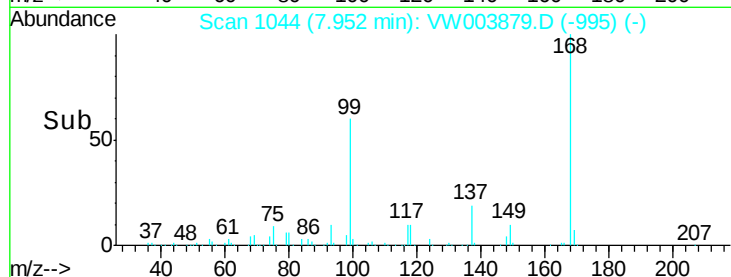
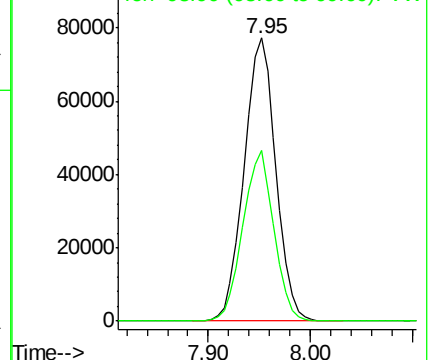
168 100

99 60.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.427 ug/l

RT: 5.23 min Scan# 598

Delta R.T. 0.01 min

Lab File: VW003879.D

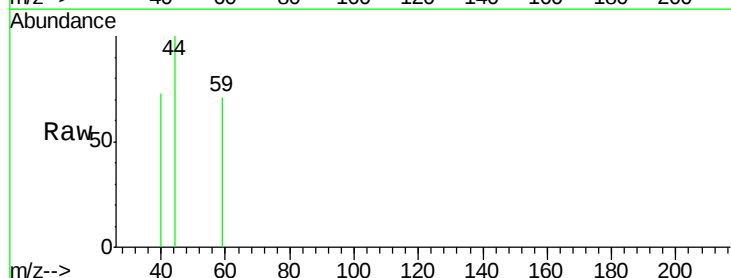
Acq: 11 Jul 2018 22:17

Tgt Ion: 59 Resp: 286

Ion Ratio Lower Upper

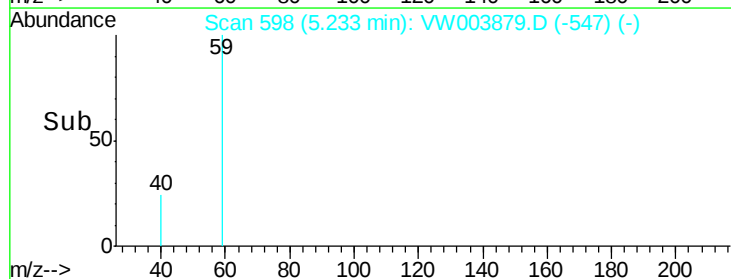
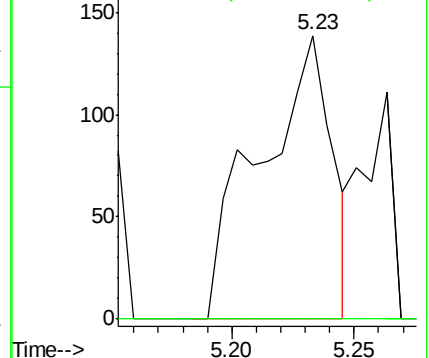
59 100

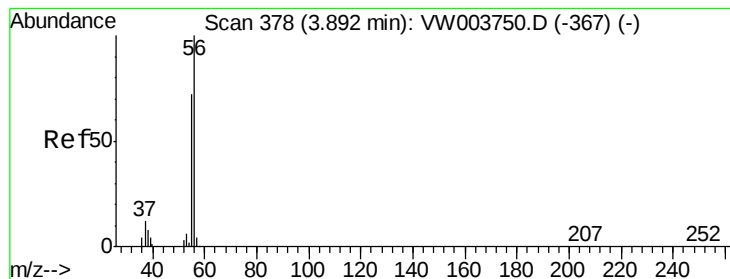
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 4.948 ug/l

RT: 3.86 min Scan# 373

Delta R.T. -0.03 min

Lab File: VW003879.D

Acq: 11 Jul 2018 22:17

Instrument :

MSVOA_W

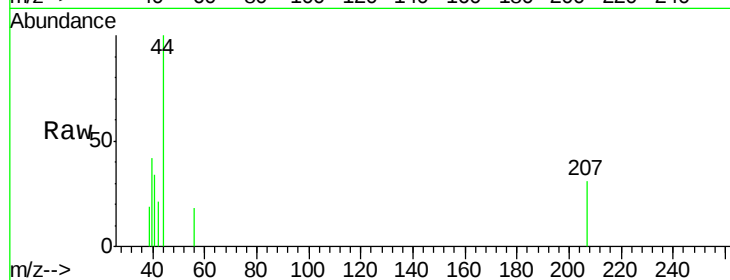
ClientSampled :

Tot Ion: 56 Resp: 41

Ion Ratio Lower Upper

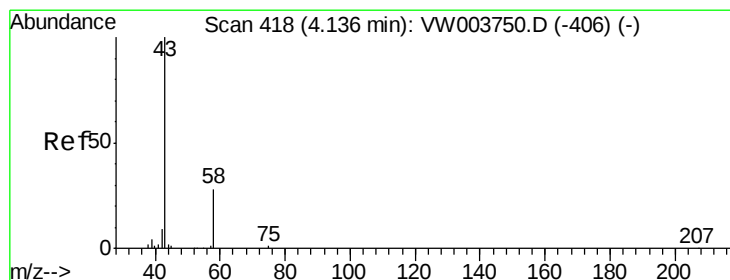
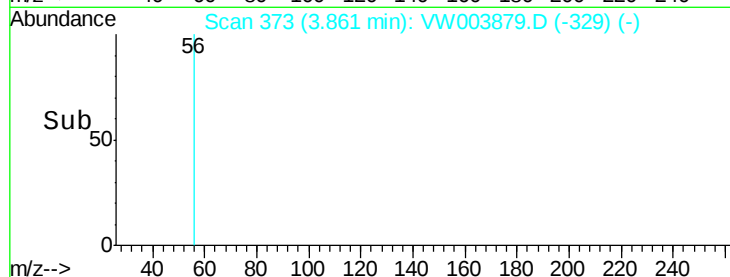
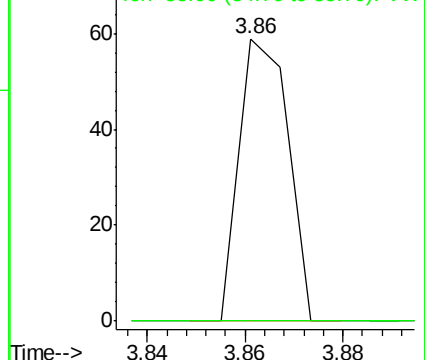
56 100

55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 8.410 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW003879.D

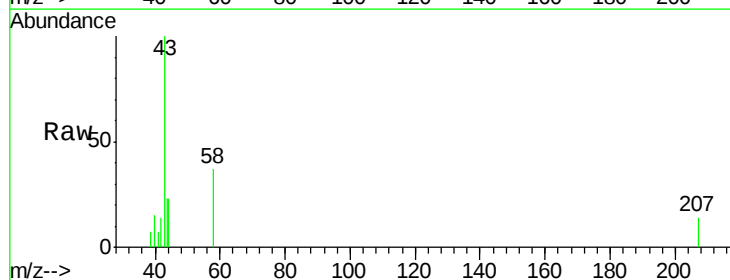
Acq: 11 Jul 2018 22:17

Tgt Ion: 43 Resp: 3173

Ion Ratio Lower Upper

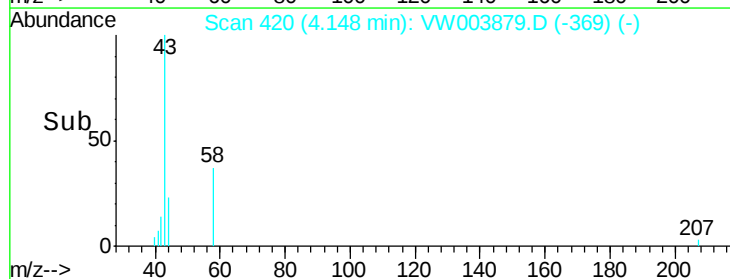
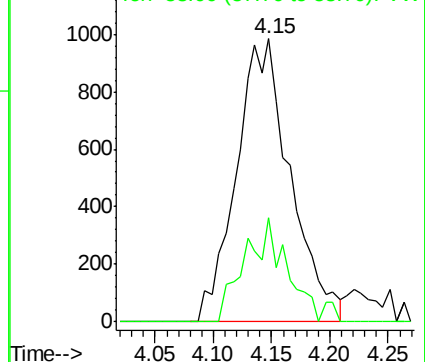
43 100

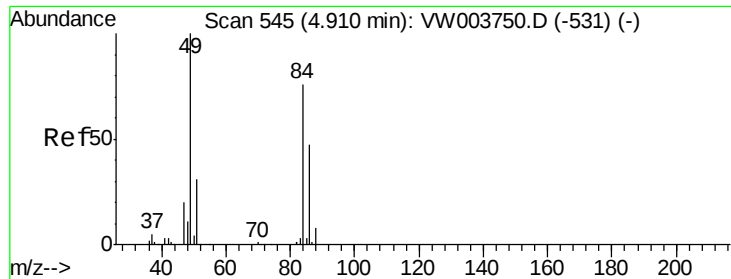
58 36.7 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

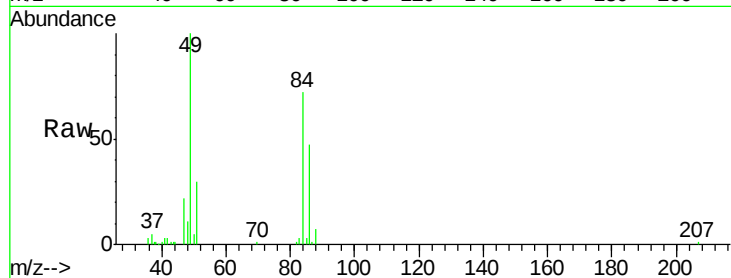




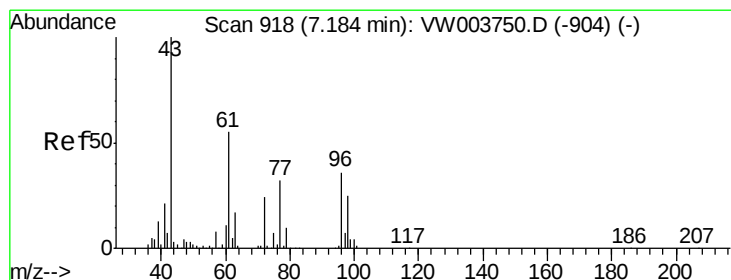
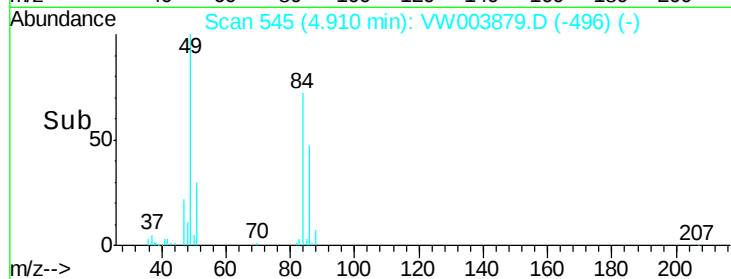
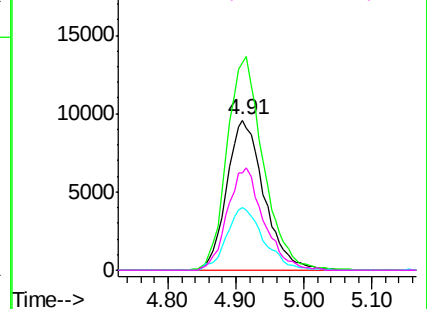
#20
Methvlene Chloride
Concen: 16.940 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003879.D
Acq: 11 Jul 2018 22:17

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 36478
Ion Ratio Lower Upper
84 100
49 137.5 105.1 157.7
51 41.8 32.5 48.7
86 64.9 49.8 74.6

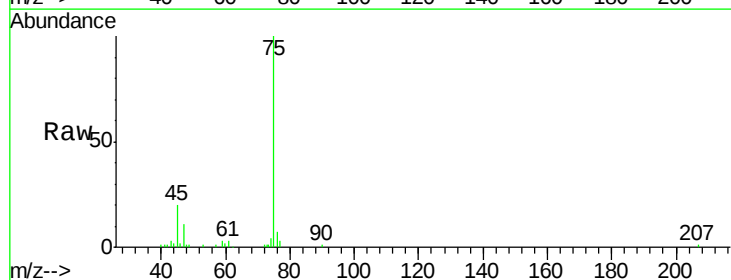


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

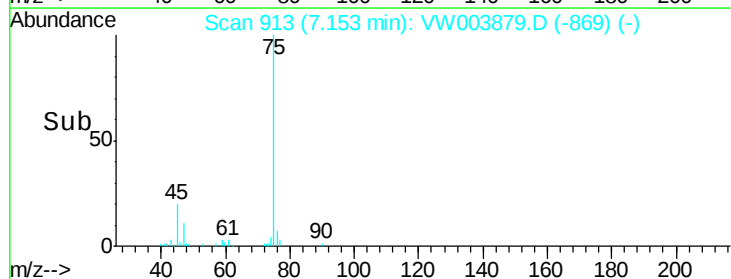
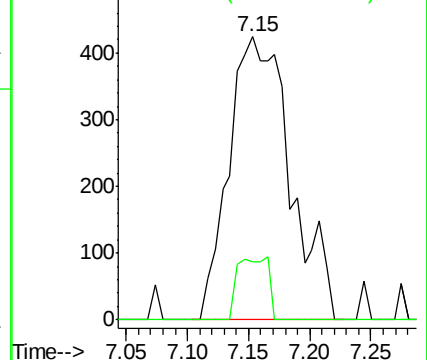


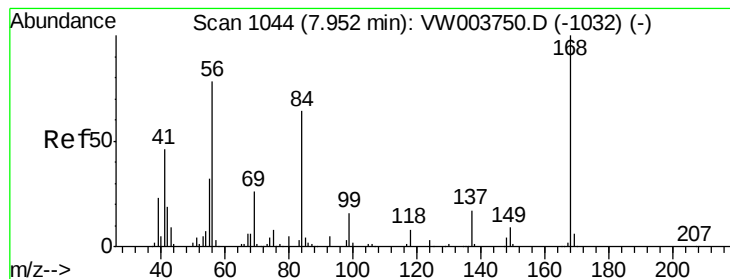
#25
2-Butanone
Concen: 2.515 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW003879.D
Acq: 11 Jul 2018 22:17

Tgt Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
72 20.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.400 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW003879.D

Acq: 11 Jul 2018 22:17

Instrument :

MSVOA_W

ClientSampleId :

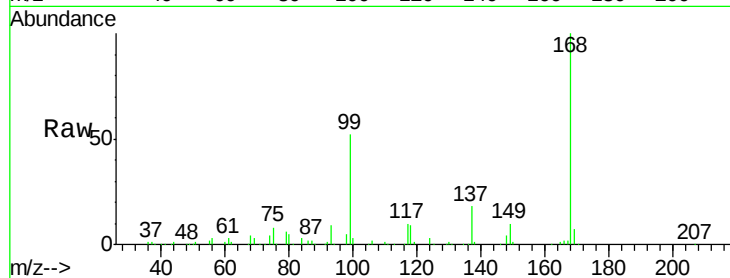
Tot Ion: 56 Resp: 4444

Ion Ratio Lower Upper

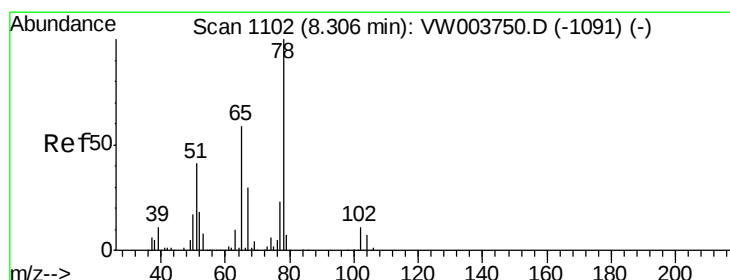
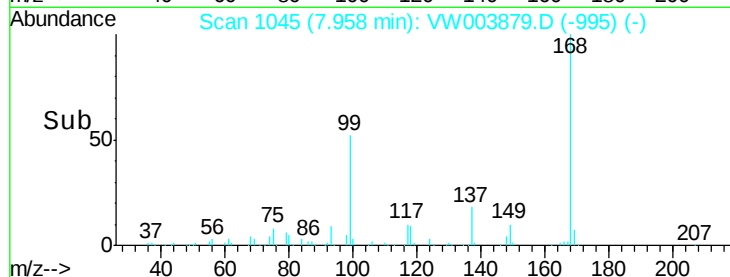
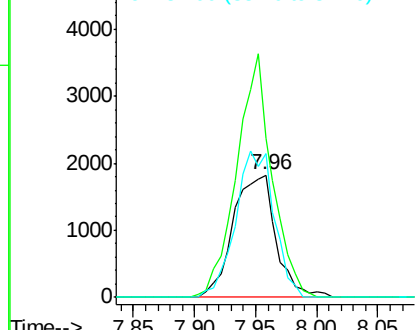
56 100

69 129.9 26.2 39.4#

84 116.9 65.5 98.3#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 55.971 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003879.D

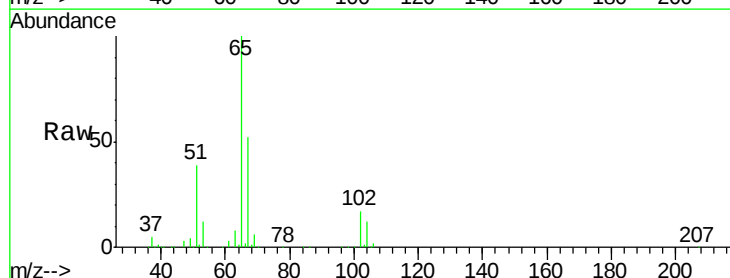
Acq: 11 Jul 2018 22:17

Tgt Ion: 65 Resp: 121720

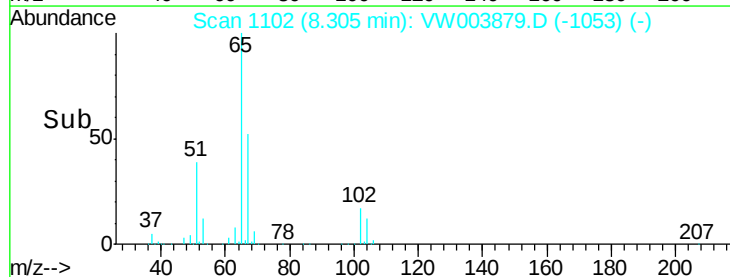
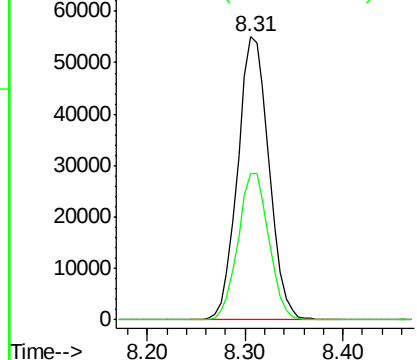
Ion Ratio Lower Upper

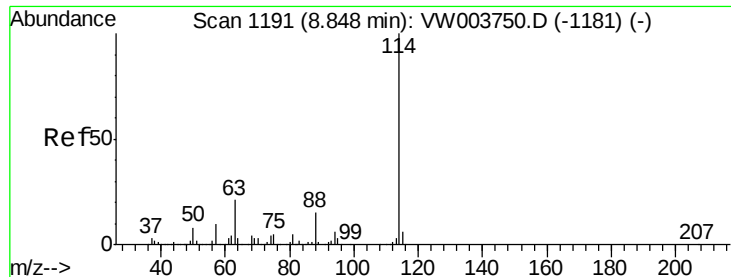
65 100

67 51.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

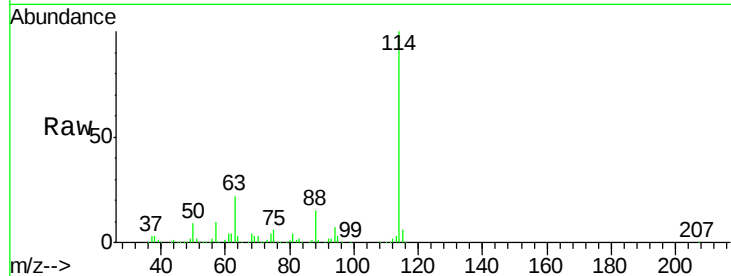




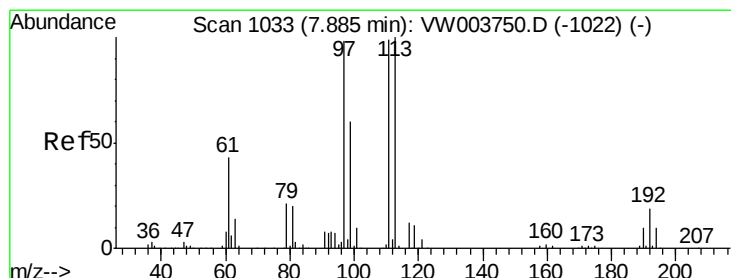
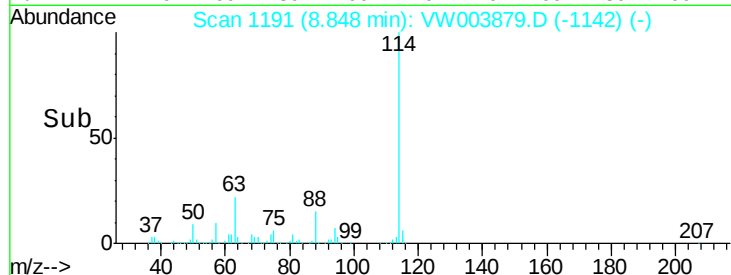
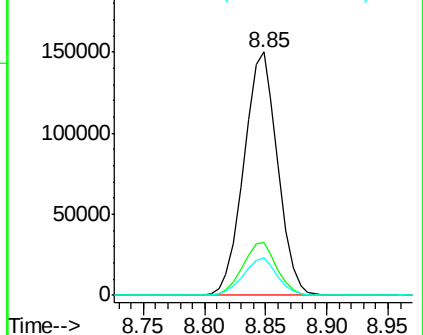
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003879.D
 Acq: 11 Jul 2018 22:17

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.8
88	15.2	0.0	30.2

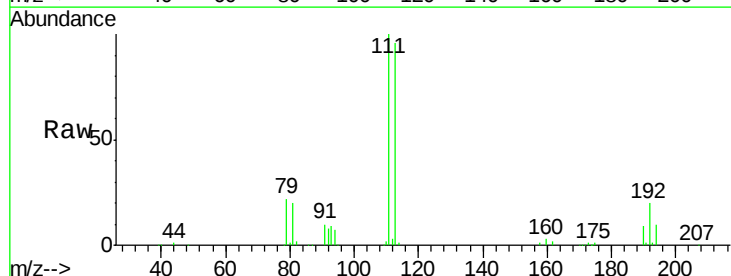


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

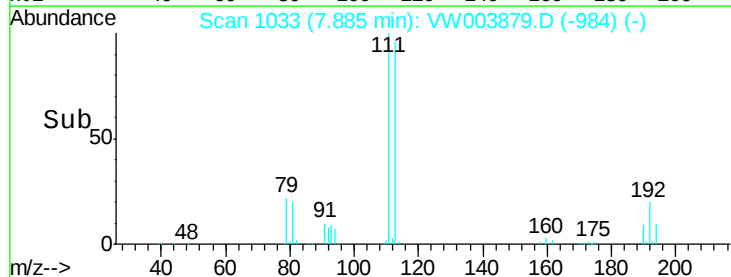
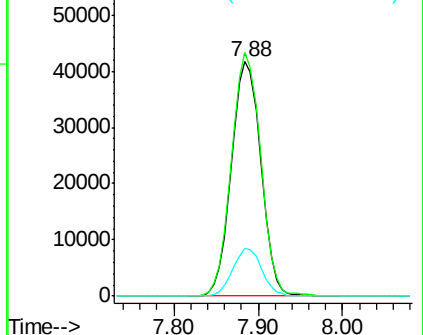


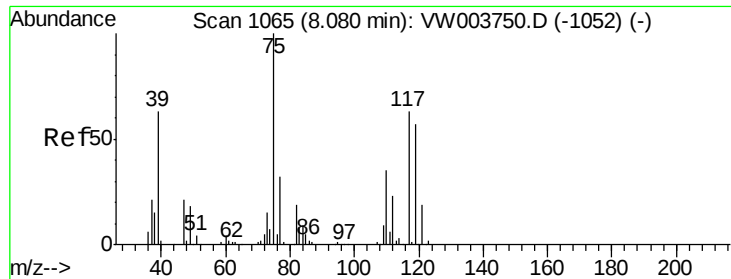
#35
 Dibromofluoromethane
 Concen: 49.098 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003879.D
 Acq: 11 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.7	122.5
192	20.0	15.8	23.8



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

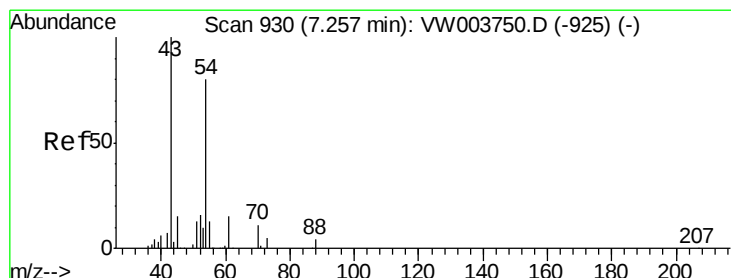
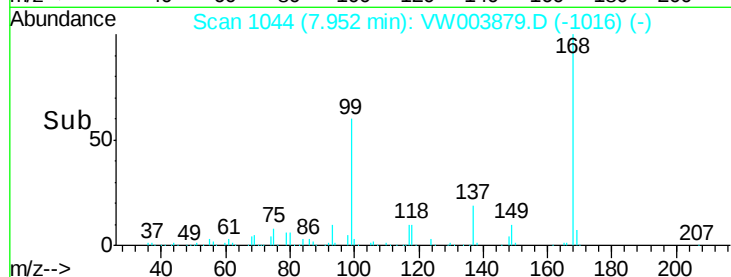
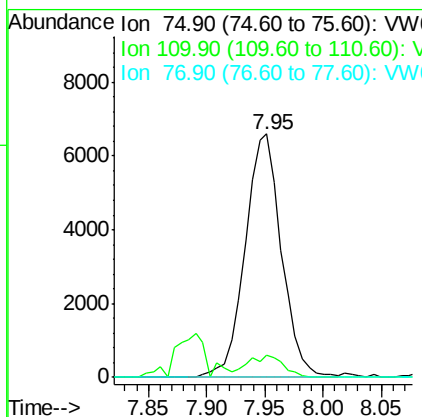
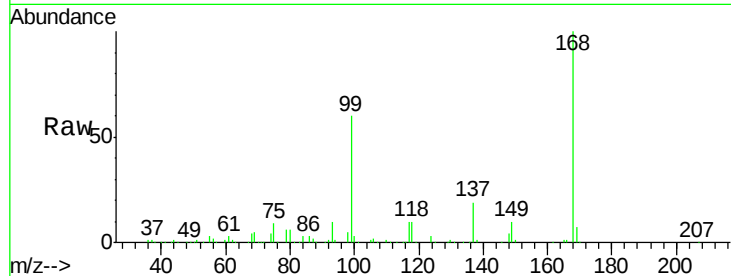




#36
 1,1-Dichloropropene
 Concen: 4.710 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003879.D
 Acq: 11 Jul 2018 22:17

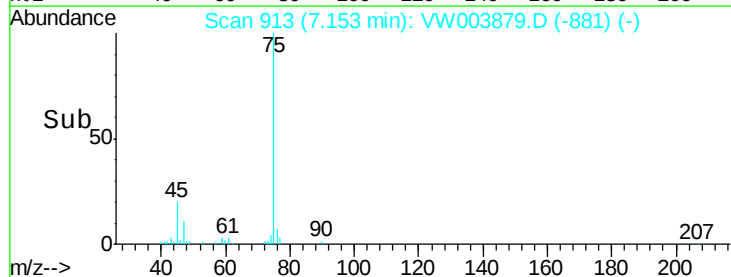
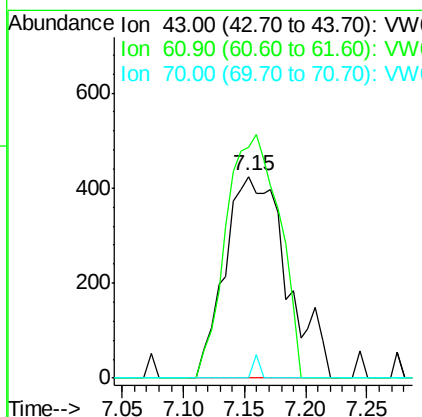
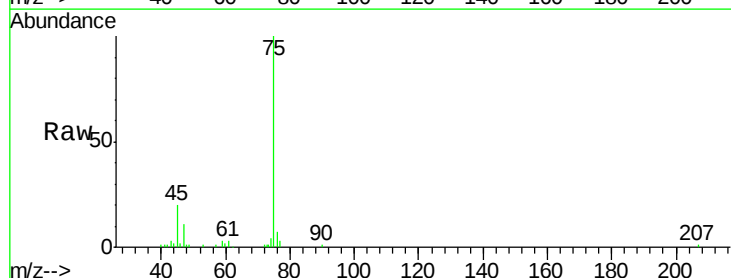
Instrument :
 MSVOA_W
 ClientSampleId :

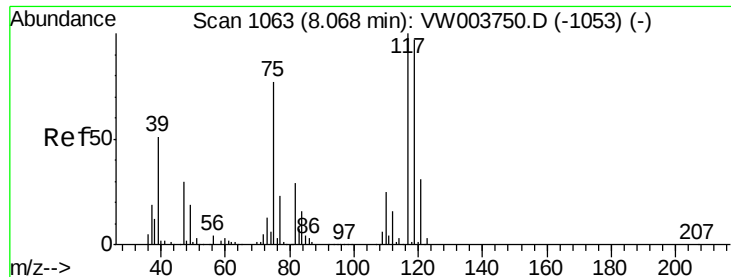
Tot Ion: 75 Resp: 14353
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.9 50.6#
 77 0.0 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 1.002 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.10 min
 Lab File: VW003879.D
 Acq: 11 Jul 2018 22:17

Tgt Ion: 43 Resp: 1486
 Ion Ratio Lower Upper
 43 100
 61 104.0 10.6 15.8#
 70 1.3 7.5 11.3#

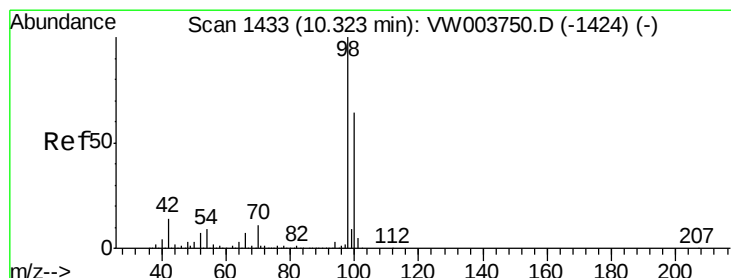
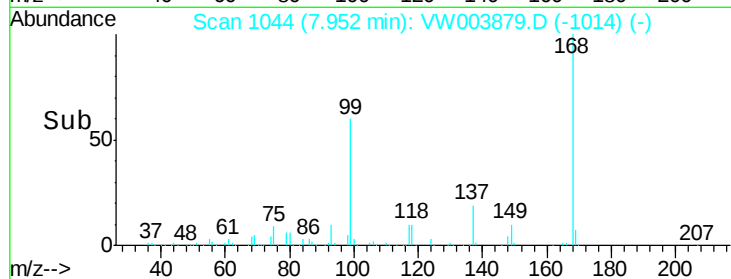
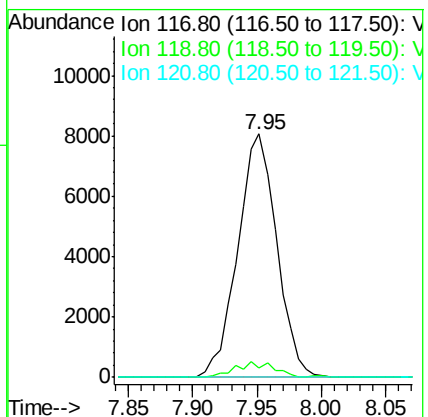
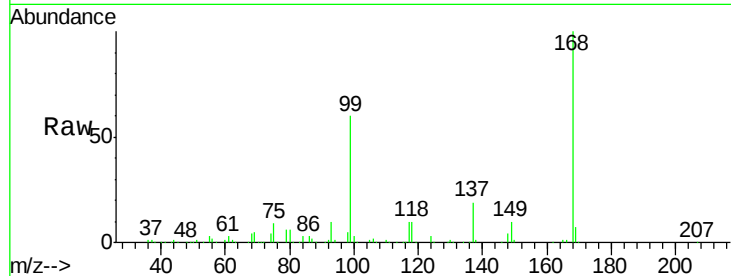




#38
Carbon Tetrachloride
Concen: 5.849 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003879.D
Acq: 11 Jul 2018 22:17

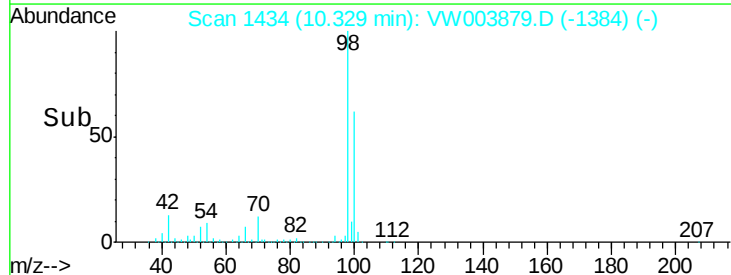
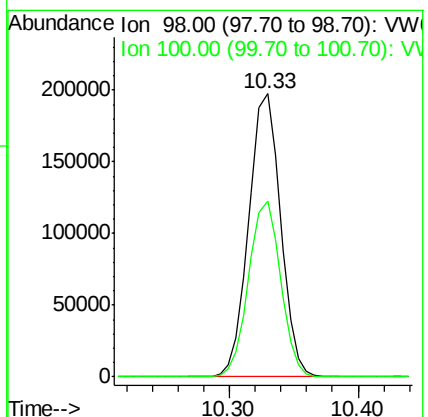
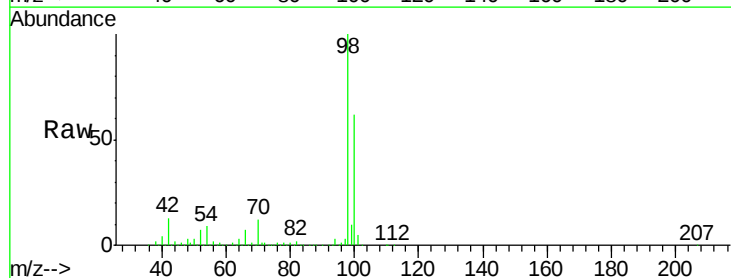
Instrument :
MSVOA_W
ClientSampleId :

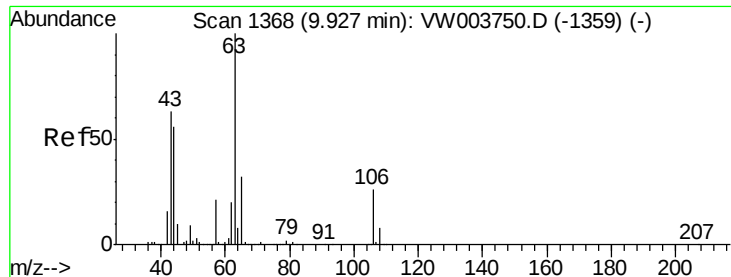
Tot Ion:117 Resp: 16946
Ion Ratio Lower Upper
117 100
119 4.1 77.4 116.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 43.897 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003879.D
Acq: 11 Jul 2018 22:17

Tgt Ion: 98 Resp: 337503
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2

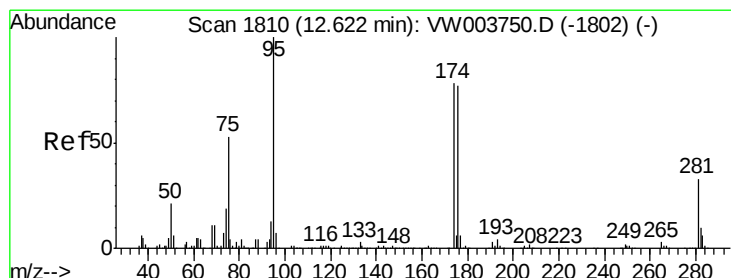
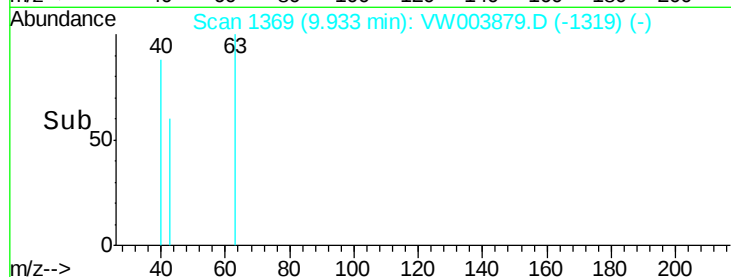
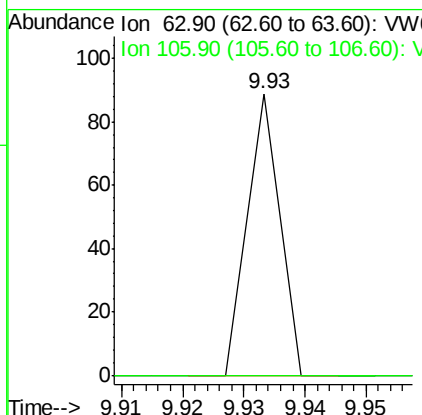
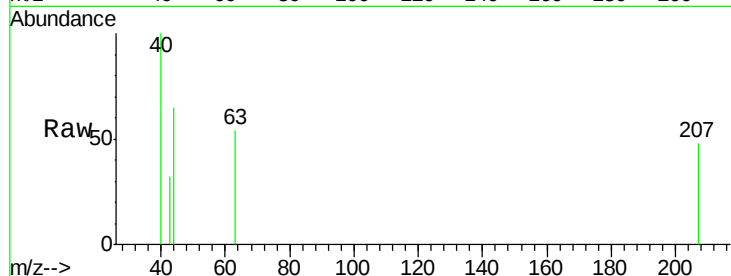




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.197 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VW003879.D
 Acq: 11 Jul 2018 22:17

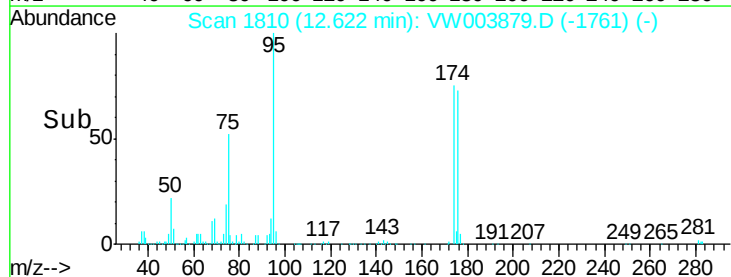
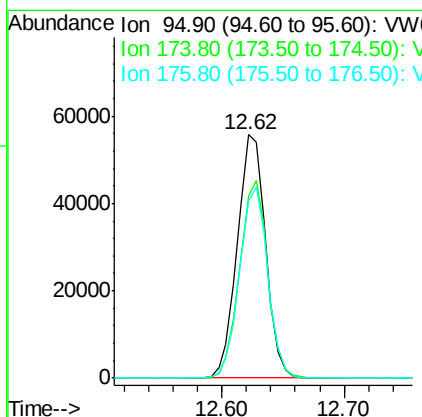
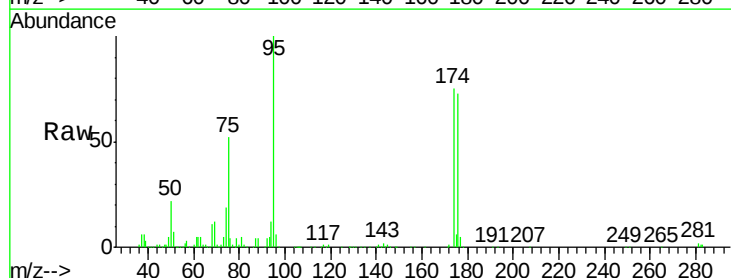
Instrument :
 MSVOA_W
 ClientSampleId :

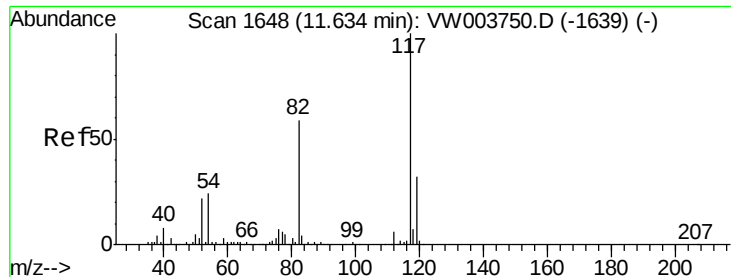
Tot Ion: 63 Resp: 33
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.9 31.3#



#62
 4-Bromofluorobenzene
 Concen: 32.000 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003879.D
 Acq: 11 Jul 2018 22:17

Tgt Ion: 95 Resp: 89019
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 163.4
 176 78.1 0.0 156.8

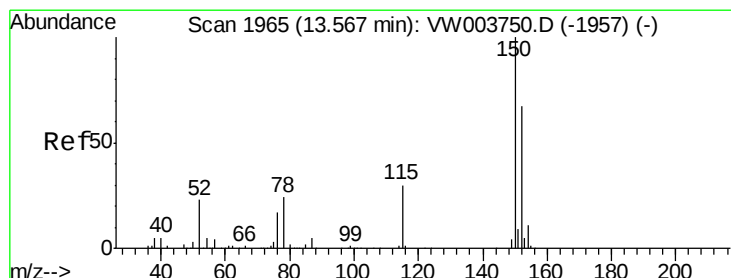
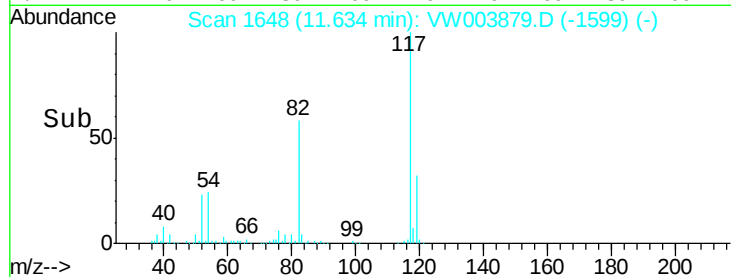
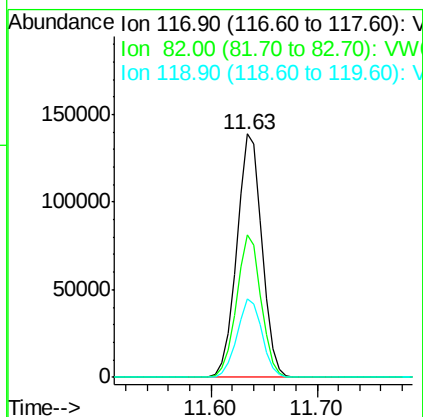
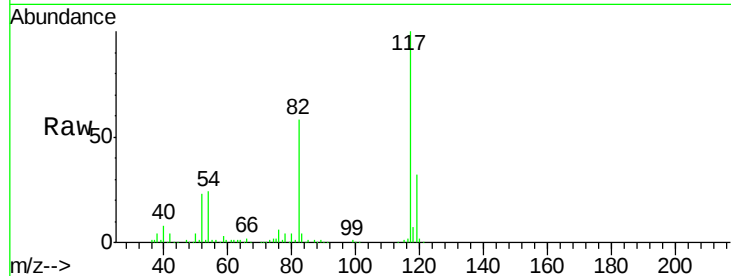




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003879.D
Acq: 11 Jul 2018 22:17

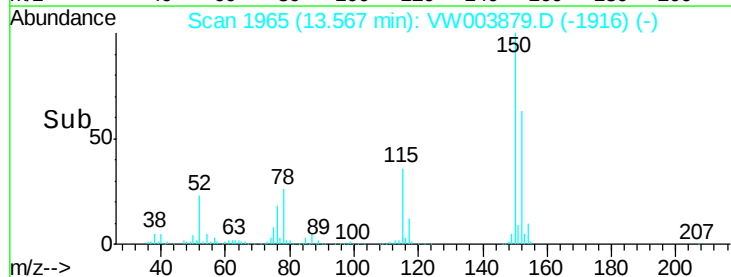
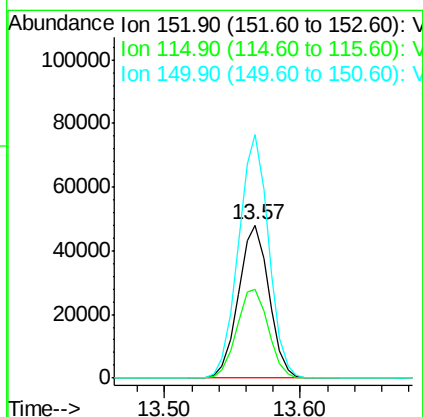
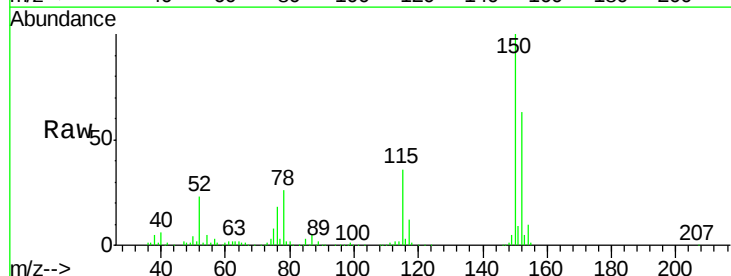
Instrument :
MSVOA_W
ClientSampleId :

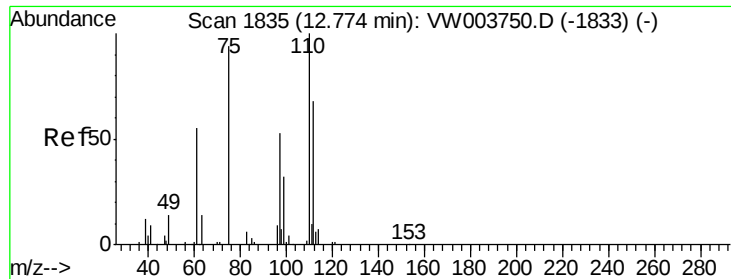
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.9	70.3
119	32.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003879.D
Acq: 11 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.9	86.8
150	157.1	0.0	342.4





#76

1,2,3-Trichloropropane

Concen: 64.404 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003879.D

Acq: 11 Jul 2018 22:17

Instrument :

MSVOA_W

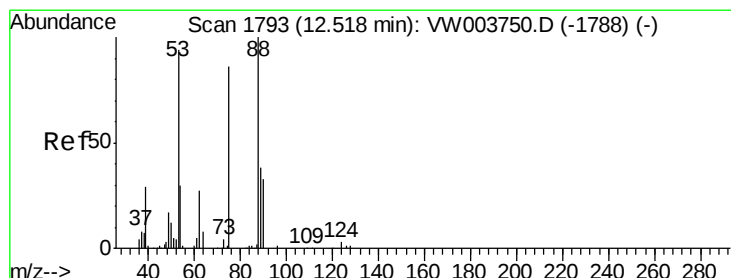
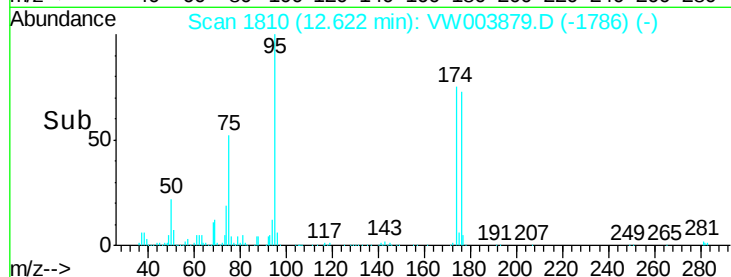
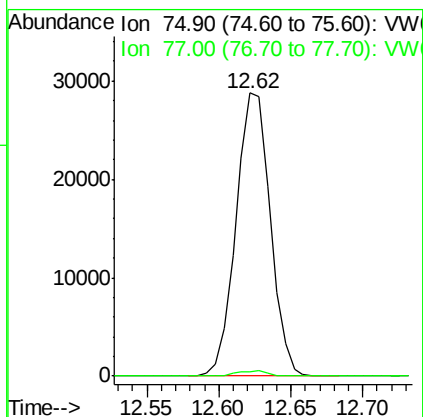
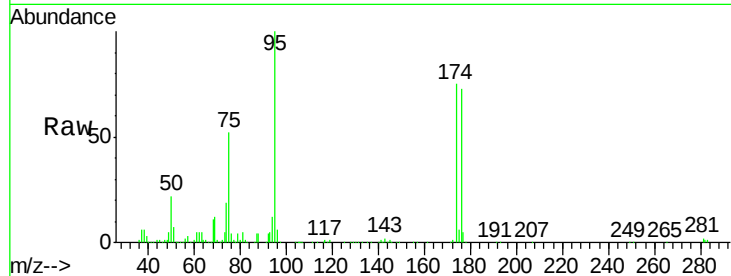
ClientSampleId :

Tot Ion: 75 Resp: 47564

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 157.547 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003879.D

Acq: 11 Jul 2018 22:17

Tgt Ion: 75 Resp: 47564

Ion Ratio Lower Upper

75 100

53 0.2 85.0 127.6#

89 0.1 36.3 54.5#

