

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004344.D
 Acq On : 30 Jul 2018 06:18
 Operator : SY/AP
 Sample : J4189-19
 Misc : 6.53G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 07:00:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

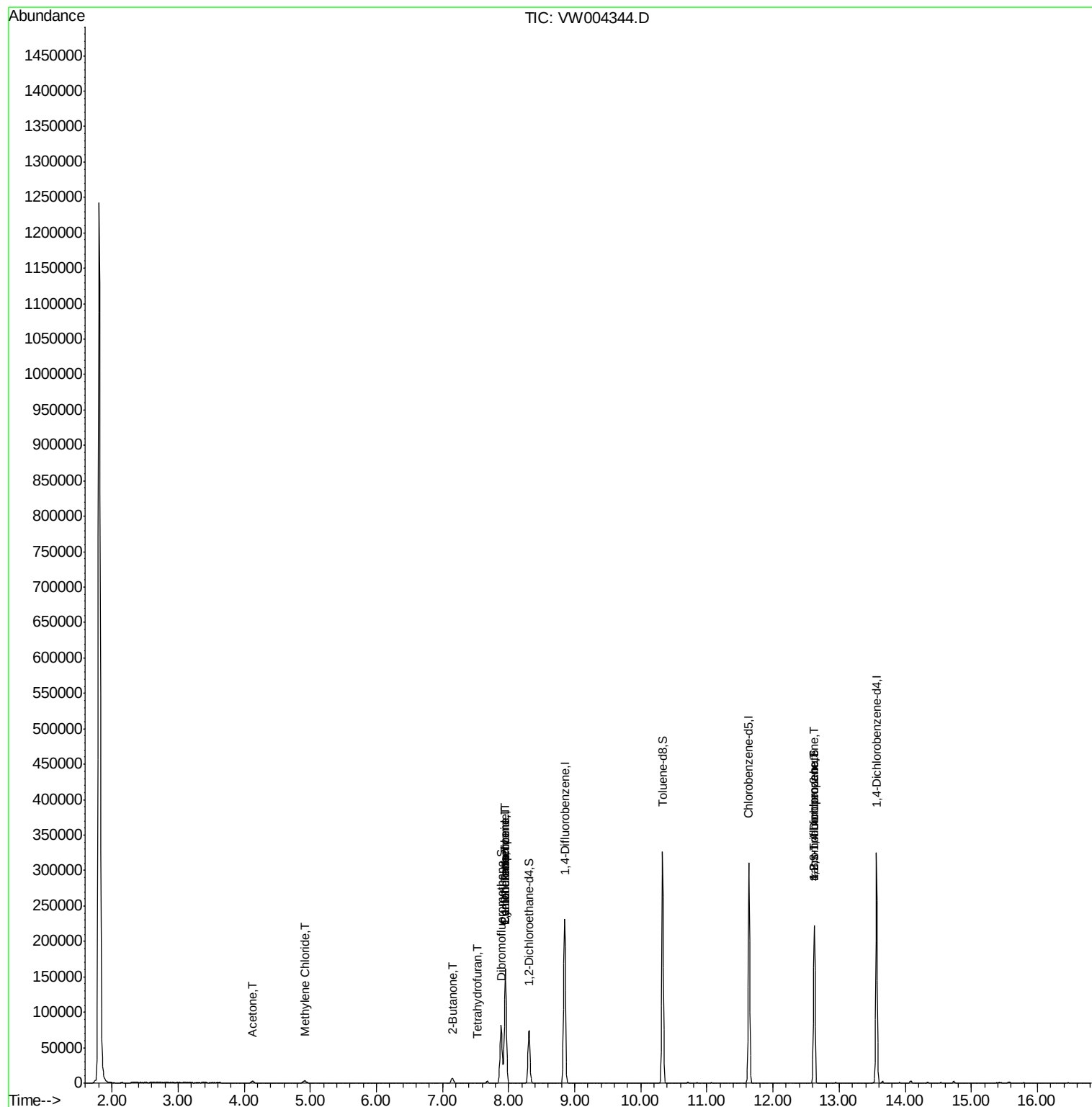
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	127368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	202666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	187097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	90267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	63801	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	7.88	113	60040	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
50) Toluene-d8	10.33	98	222141	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
62) 4-Bromofluorobenzene	12.63	95	72833	40.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.74%	
Target Compounds						
5) Bromomethane	2.62	94	21	Below Cal	#	4
7) Trichlorofluoromethane	3.25	101	52	Below Cal	#	18
11) Tert butyl alcohol	5.16	59	346	Below Cal	#	72
16) Acetone	4.12	43	5034	28.050	ug/l	92
20) Methylene Chloride	4.92	84	3271	1.149	ug/l #	76
21) trans-1,2-Dichloroethene	5.43	96	22	Below Cal	#	1
25) 2-Butanone	7.15	43	357	1.000	ug/l #	50
29) Tetrahydrofuran	7.53	42	136	3.206	ug/l #	35
31) Cyclohexane	7.95	56	2203	1.004	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8385	4.136	ug/l #	51
38) Carbon Tetrachloride	7.95	117	11840	5.914	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	36091	43.809	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	36091	101.938	ug/l #	11

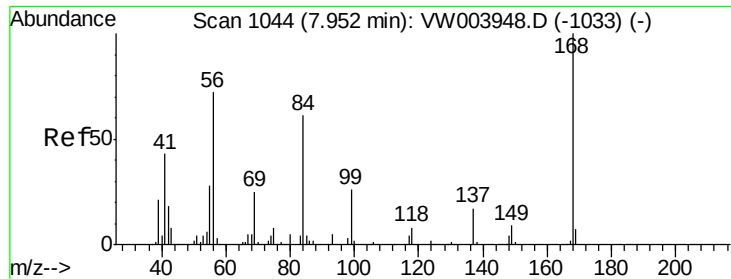
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004344.D
Acq On : 30 Jul 2018 06:18
Operator : SY/AP
Sample : J4189-19
Misc : 6.53G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 30 07:00:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 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: VW004344.D

Acq: 30 Jul 2018 06:18

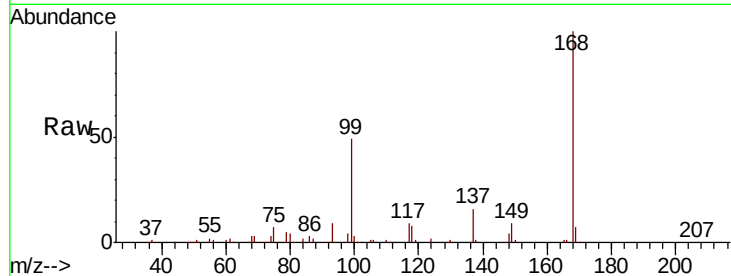
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 127368

Ion Ratio Lower Upper

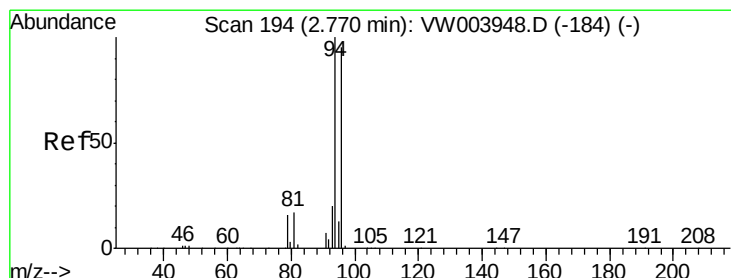
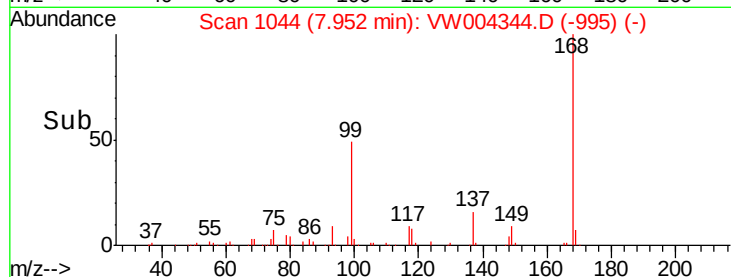
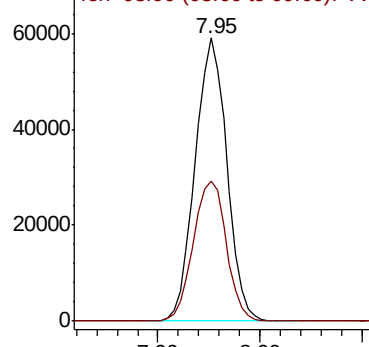
168 100

99 49.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#5

Bromomethane

Concen: Below Cal

RT: 2.62 min Scan# 169

Delta R.T. -0.16 min

Lab File: VW004344.D

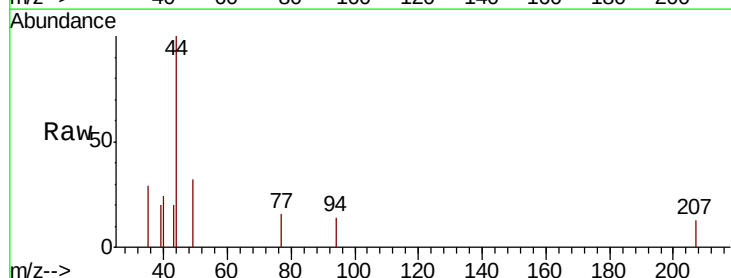
Acq: 30 Jul 2018 06:18

Tgt Ion: 94 Resp: 21

Ion Ratio Lower Upper

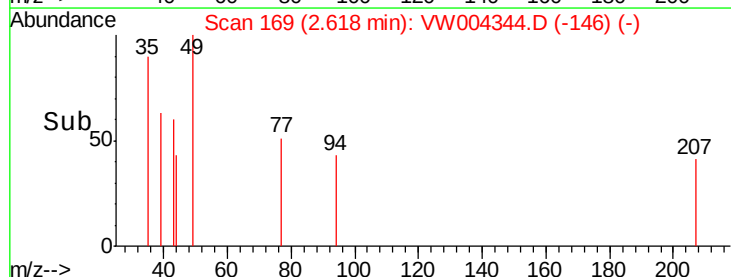
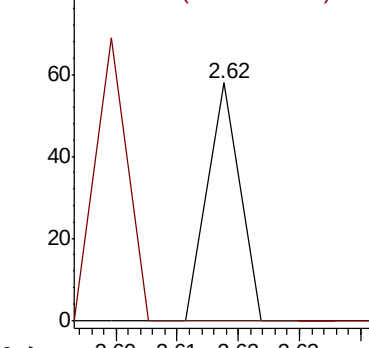
94 100

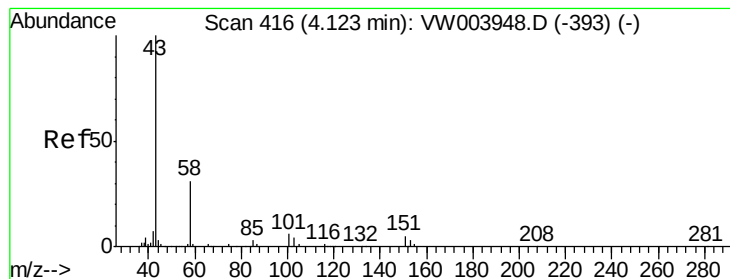
96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW





#16

Acetone

Concen: 28.050 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004344.D

Acq: 30 Jul 2018 06:18

Instrument :

MSVOA_W

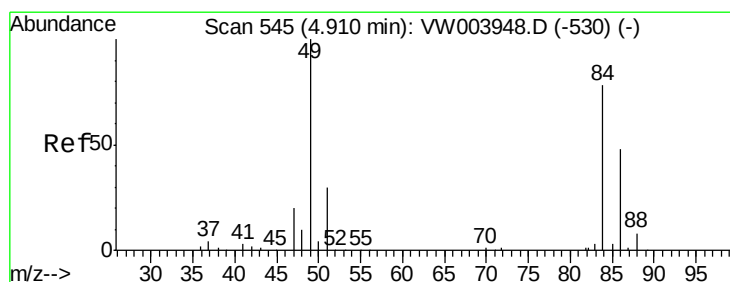
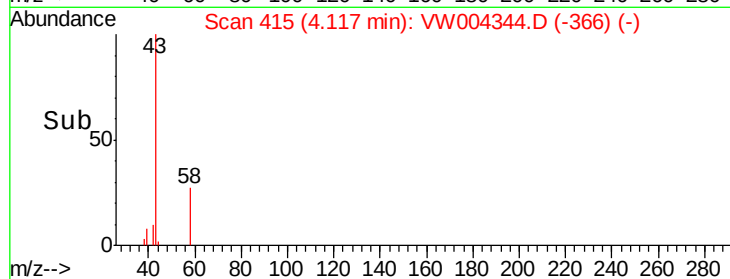
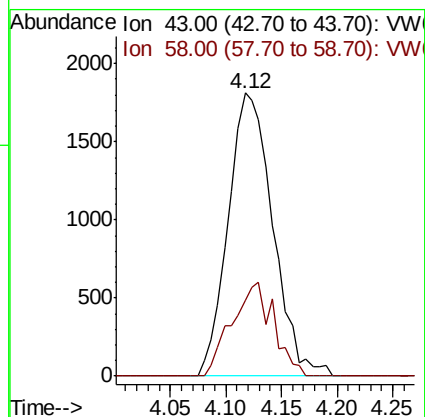
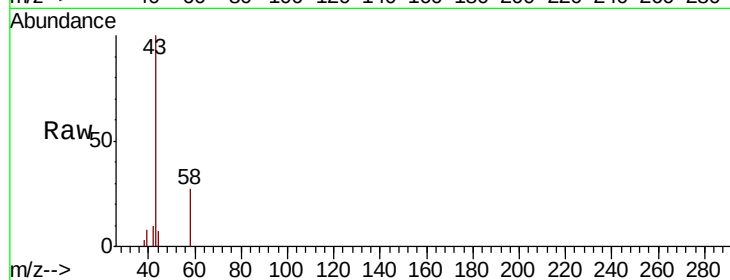
ClientSampled :

Tot Ion: 43 Resp: 5034

Ion Ratio Lower Upper

43 100

58 26.8 24.8 37.2



#20

Methylene Chloride

Concen: 1.149 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004344.D

Acq: 30 Jul 2018 06:18

Tgt Ion: 84 Resp: 3271

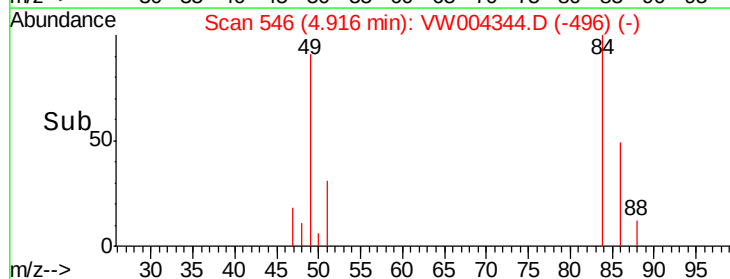
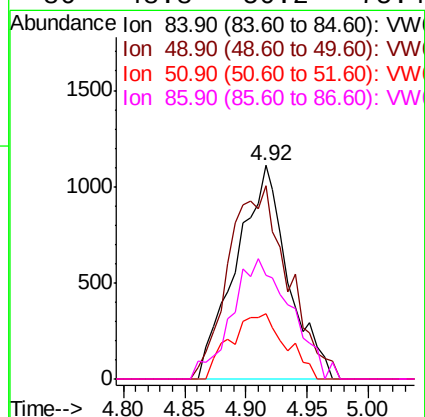
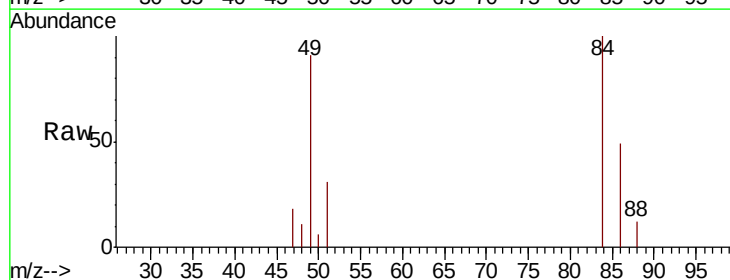
Ion Ratio Lower Upper

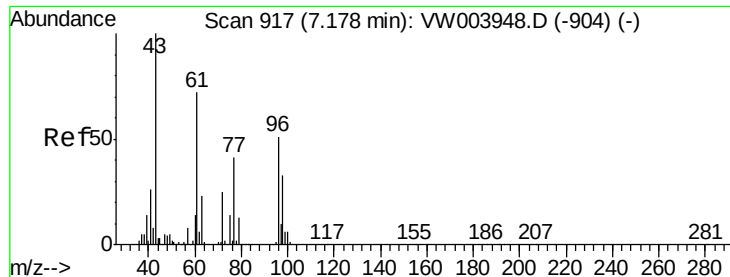
84 100

49 90.8 100.5 150.7#

51 30.8 30.9 46.3#

86 48.8 50.2 75.4#

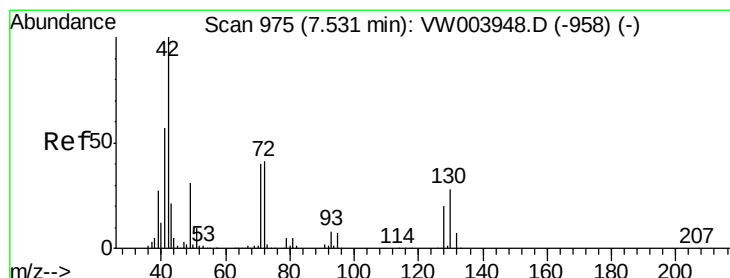
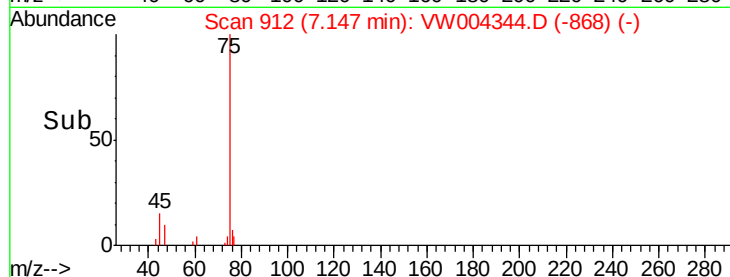
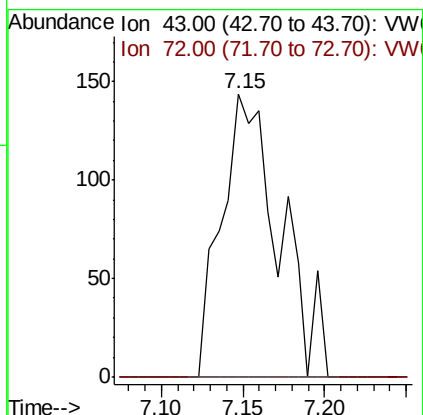
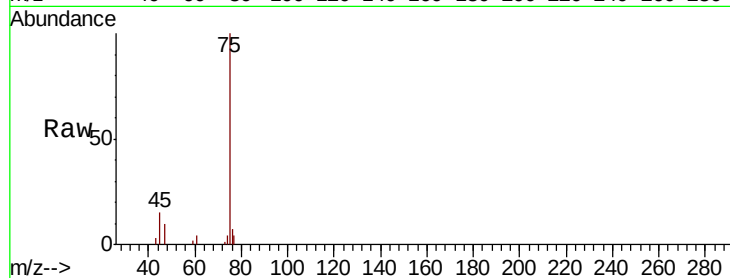




#25
2-Butanone
Concen: 1.000 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.03 min
Lab File: VW004344.D
Acq: 30 Jul 2018 06:18

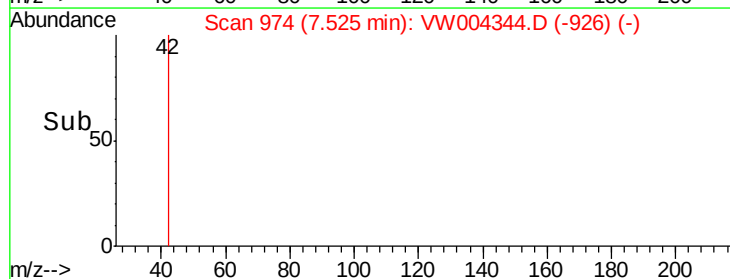
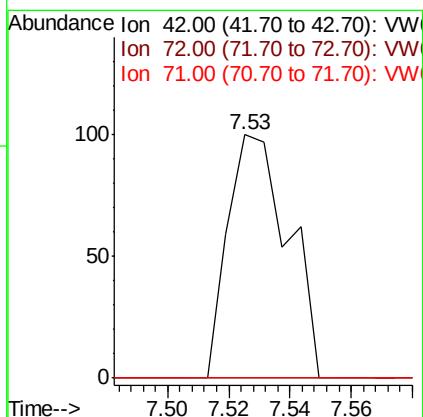
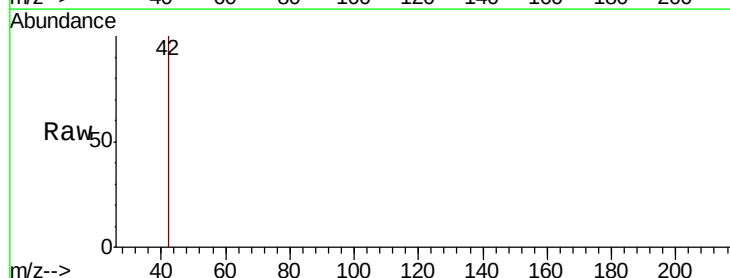
Instrument :
MSVOA_W
ClientSampleId :

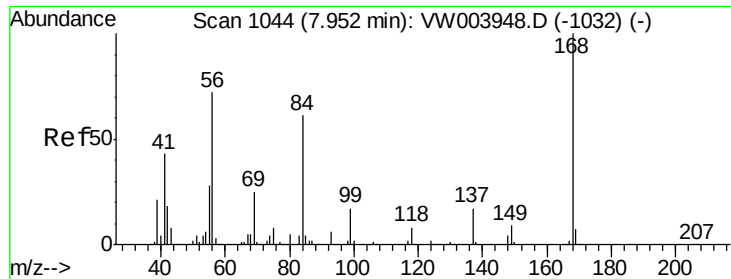
Tot Ion: 43 Resp: 357
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#



#29
Tetrahydrofuran
Concen: 3.206 ug/l
RT: 7.53 min Scan# 974
Delta R.T. -0.01 min
Lab File: VW004344.D
Acq: 30 Jul 2018 06:18

Tgt Ion: 42 Resp: 136
Ion Ratio Lower Upper
42 100
72 0.0 32.6 48.8#
71 0.0 31.3 46.9#

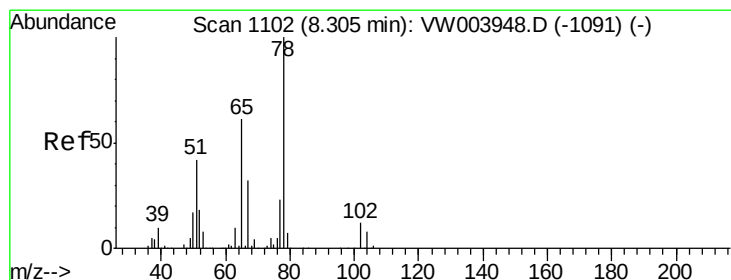
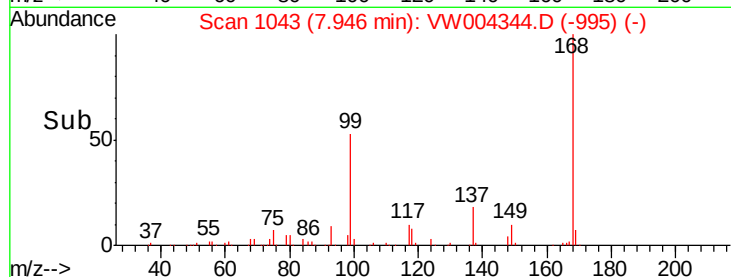
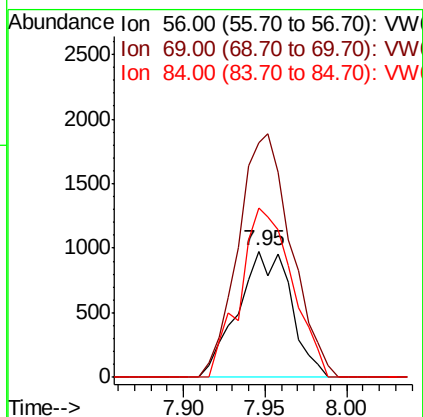
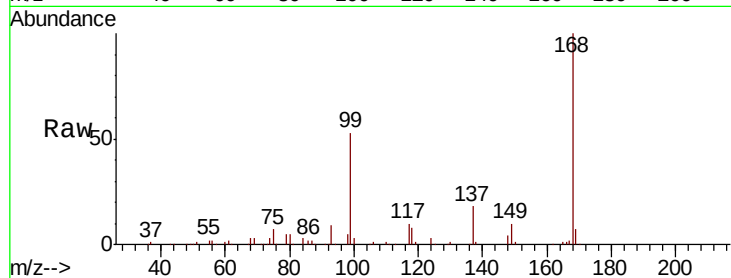




#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004344.D
Acq: 30 Jul 2018 06:18

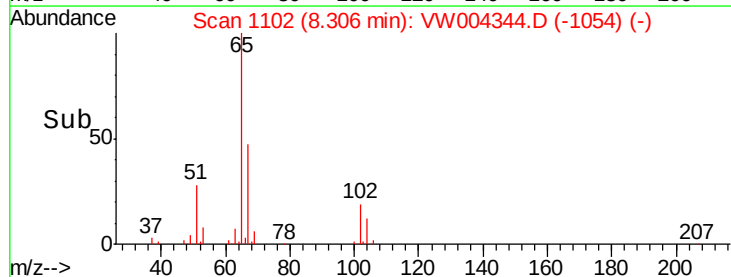
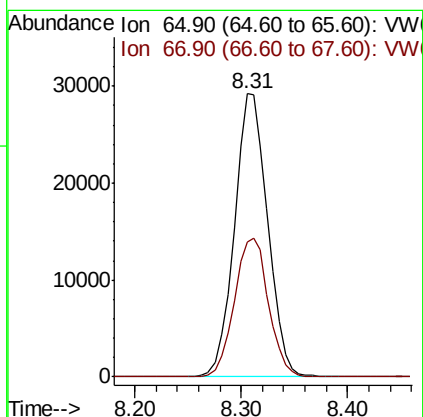
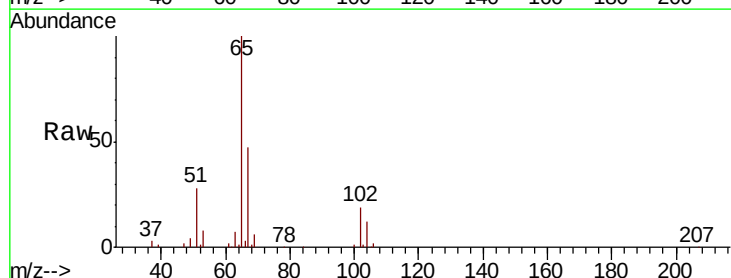
Instrument :
MSVOA_W
ClientSampled :

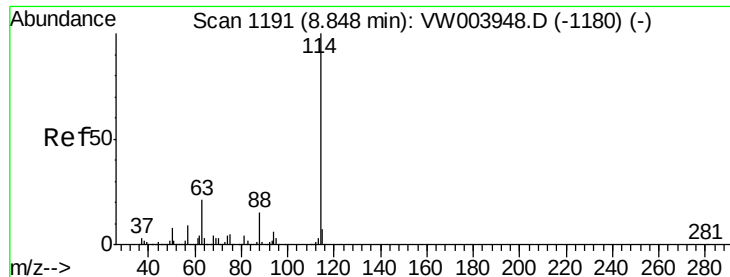
Tot Ion: 56 Resp: 2203
Ion Ratio Lower Upper
56 100
69 186.1 26.3 39.5#
84 134.8 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 49.659 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VW004344.D
Acq: 30 Jul 2018 06:18

Tgt Ion: 65 Resp: 63801
Ion Ratio Lower Upper
65 100
67 50.1 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004344.D

Acq: 30 Jul 2018 06:18

Instrument :

MSVOA_W

ClientSampleId :

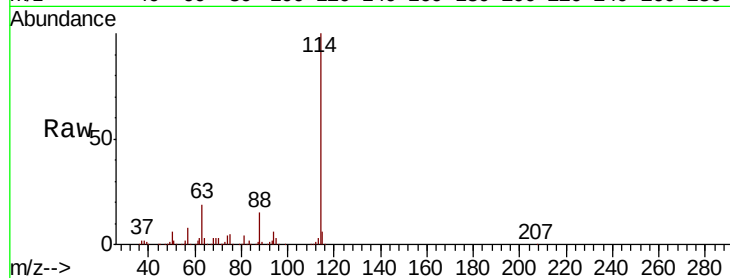
Tot Ion:114 Resp: 202666

Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.4

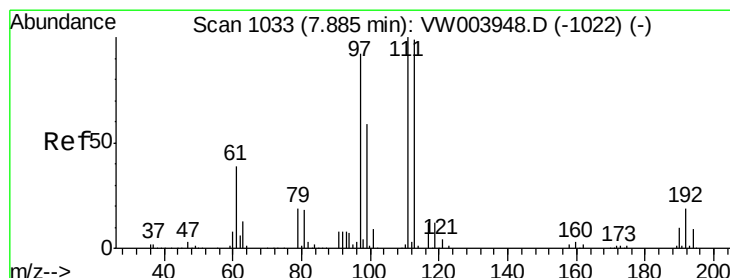
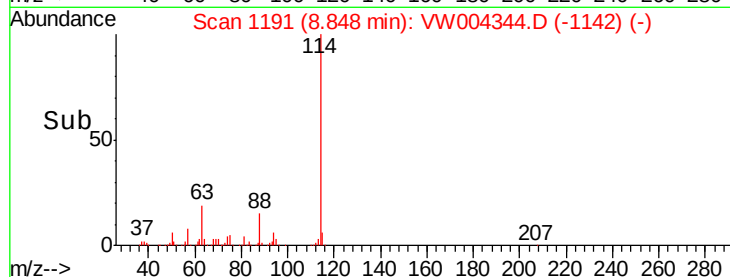
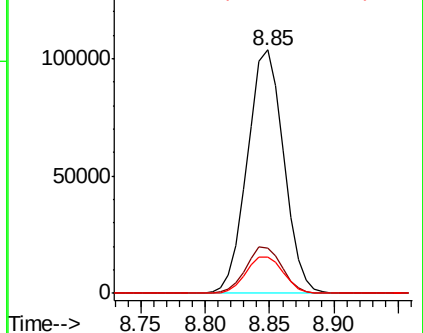
88 15.0 0.0 30.6



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: 46.878 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004344.D

Acq: 30 Jul 2018 06:18

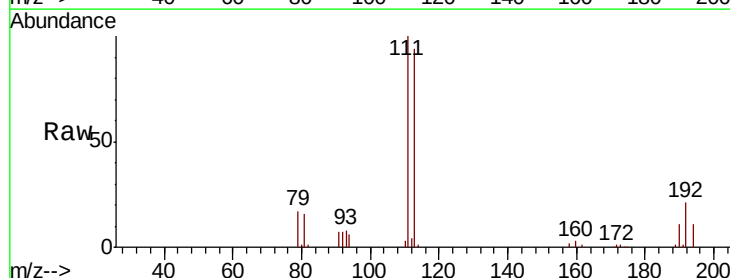
Tgt Ion:113 Resp: 60040

Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

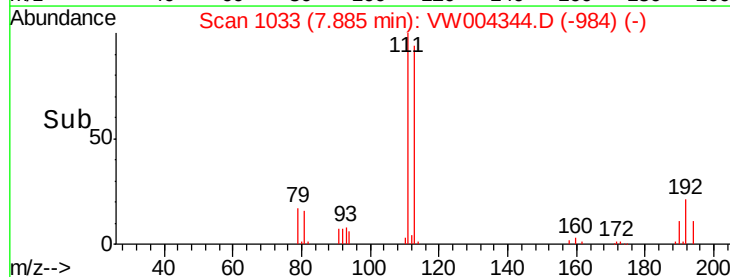
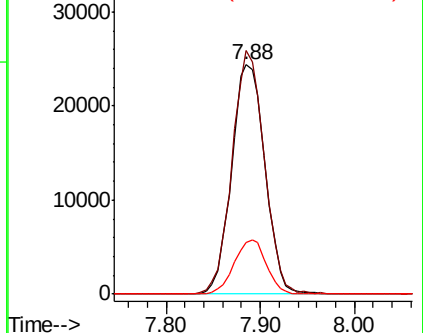
192 22.8 16.2 24.4

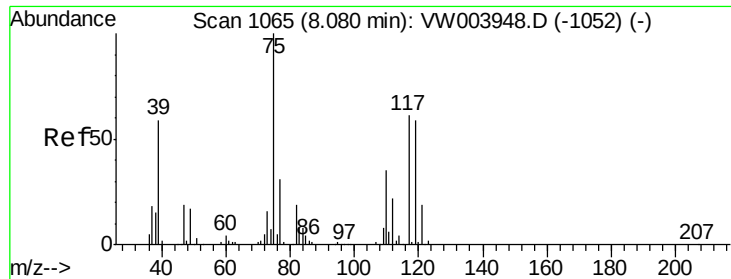


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

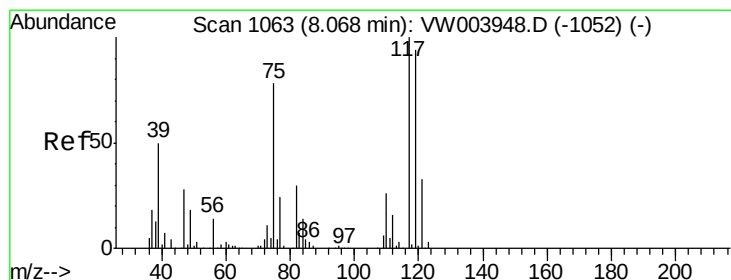
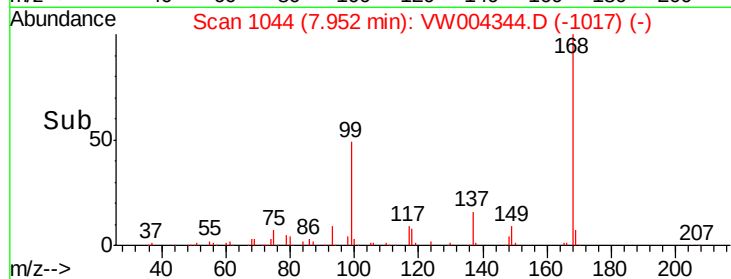
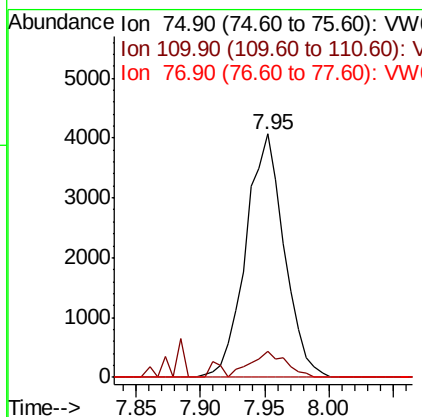
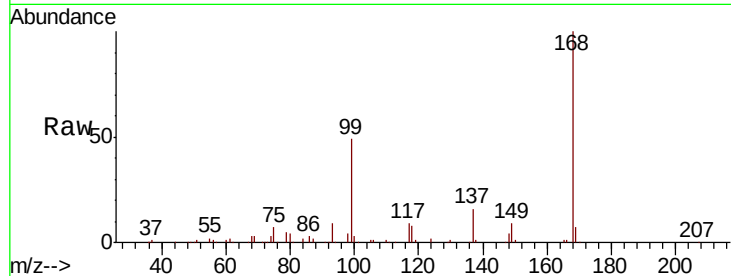




#36
 1,1-Dichloropropene
 Concen: 4.136 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004344.D
 Acq: 30 Jul 2018 06:18

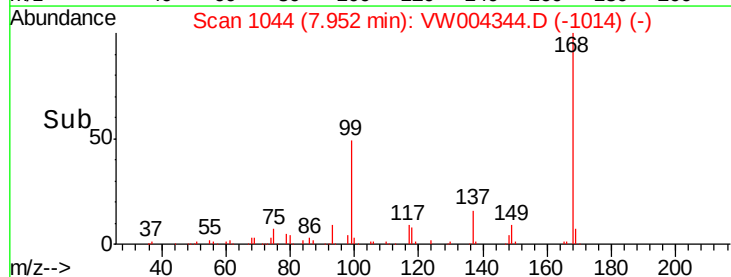
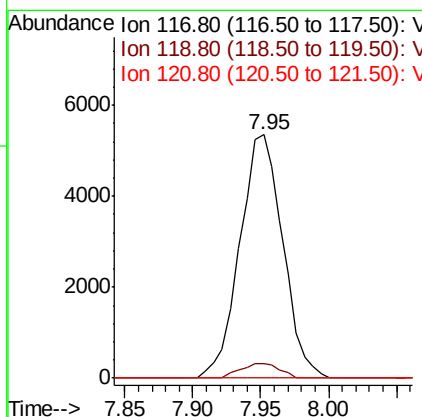
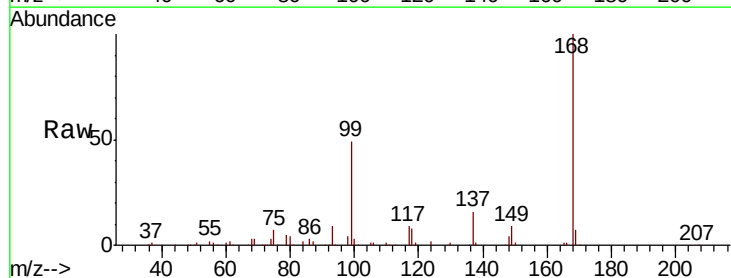
Instrument :
 MSVOA_W
 ClientSampled :

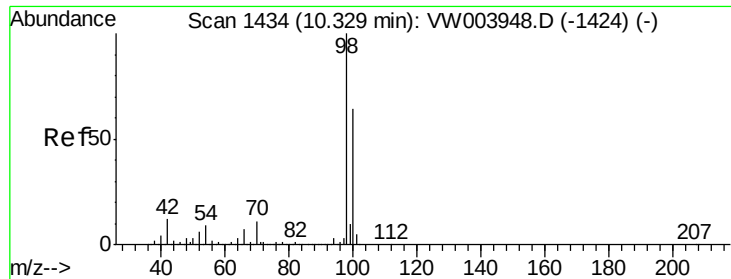
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.3	52.0#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.914 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004344.D
 Acq: 30 Jul 2018 06:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	79.7	119.5#
121	0.0	25.7	38.5#

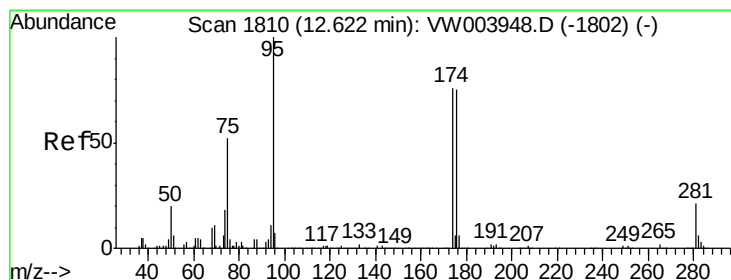
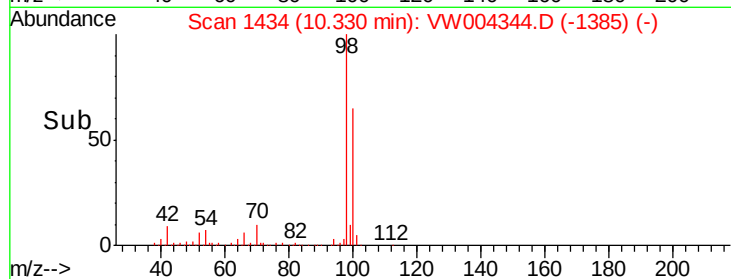
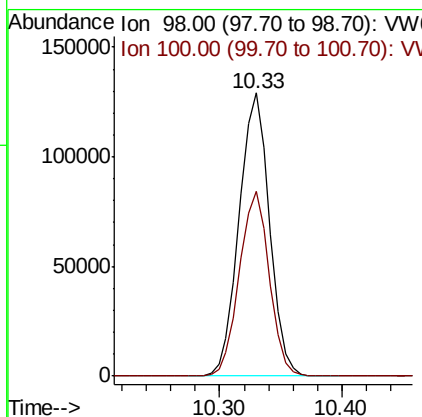
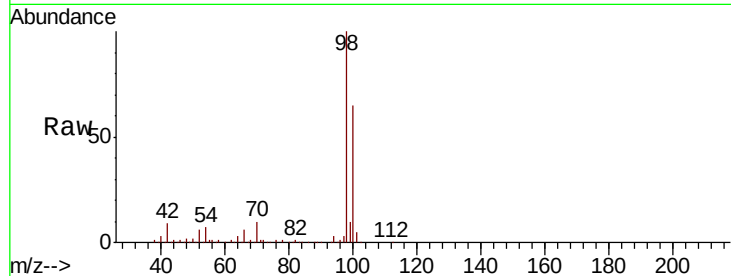




#50
Toluene-d8
Concen: 43.887 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004344.D
Acq: 30 Jul 2018 06:18

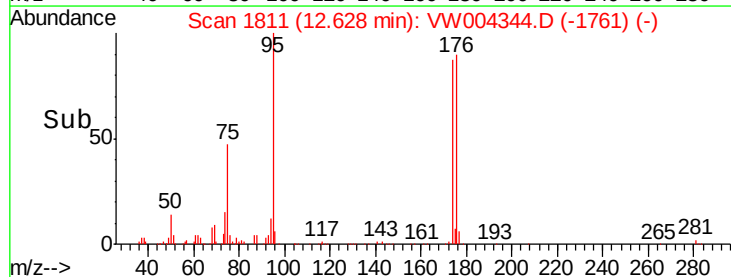
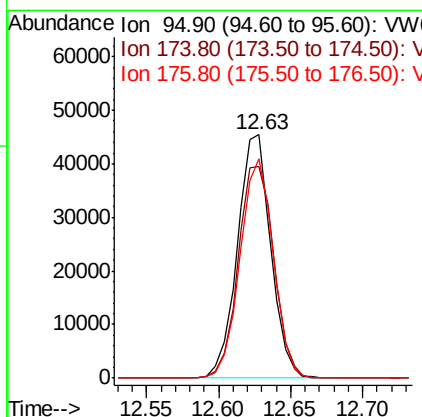
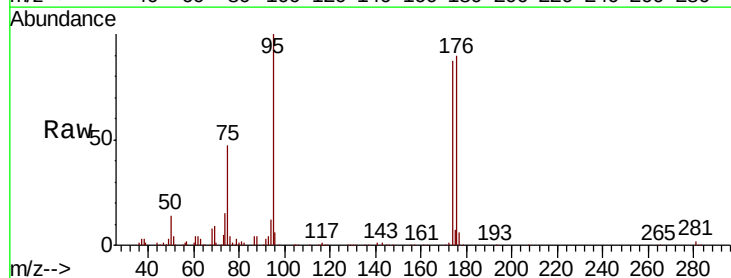
Instrument :
MSVOA_W
ClientSampled :

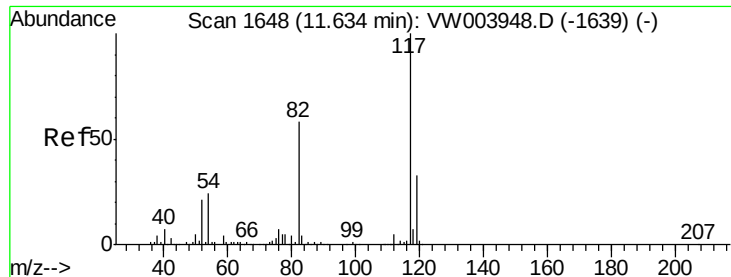
Tot Ion: 98 Resp: 222141
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 40.866 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004344.D
Acq: 30 Jul 2018 06:18

Tgt Ion: 95 Resp: 72833
Ion Ratio Lower Upper
95 100
174 92.7 0.0 167.8
176 89.5 0.0 162.4

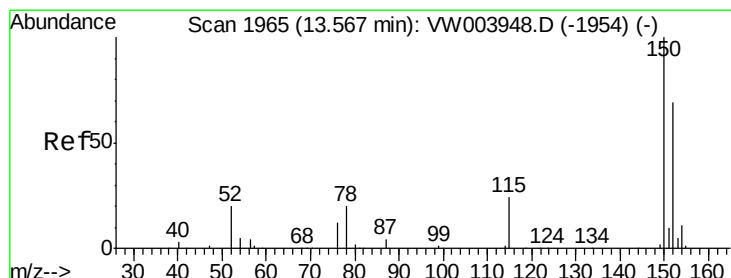
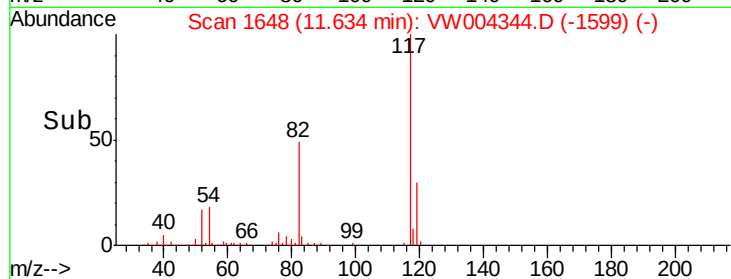
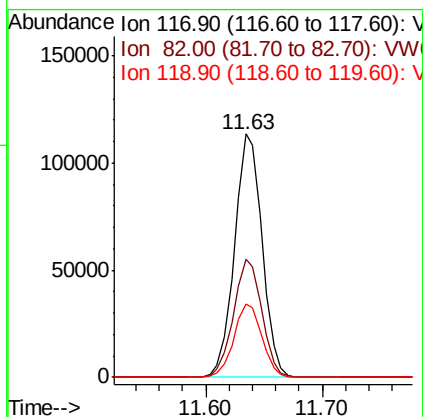
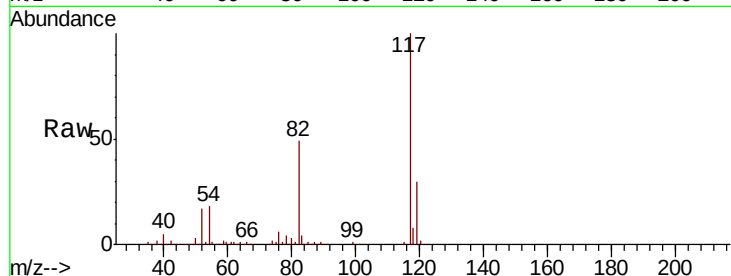




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004344.D
Acq: 30 Jul 2018 06:18

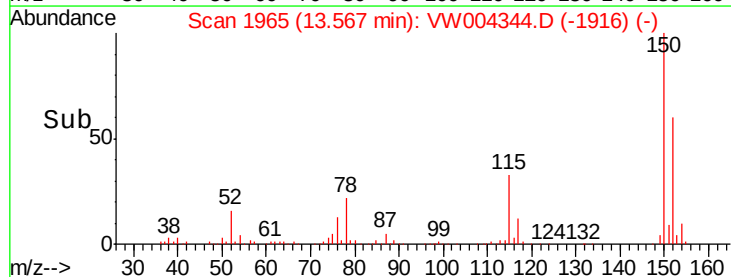
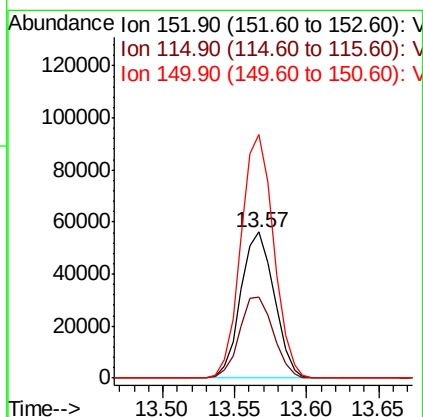
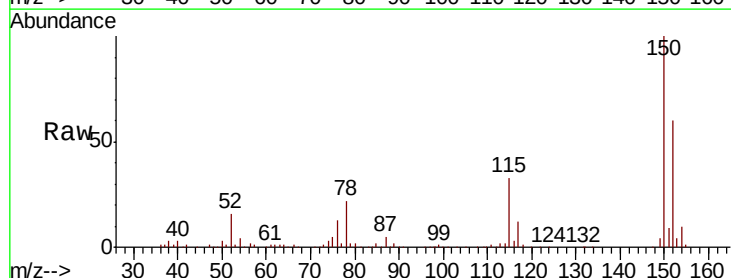
Instrument :
MSVOA_W
ClientSampleId :

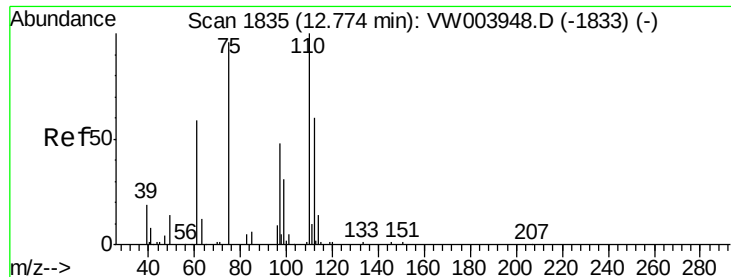
Tot Ion:117 Resp: 187097
Ion Ratio Lower Upper
117 100
82 48.5 47.9 71.9
119 30.4 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004344.D
Acq: 30 Jul 2018 06:18

Tgt Ion:152 Resp: 90267
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.4
150 163.4 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 43.809 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004344.D

Acq: 30 Jul 2018 06:18

Instrument :

MSVOA_W

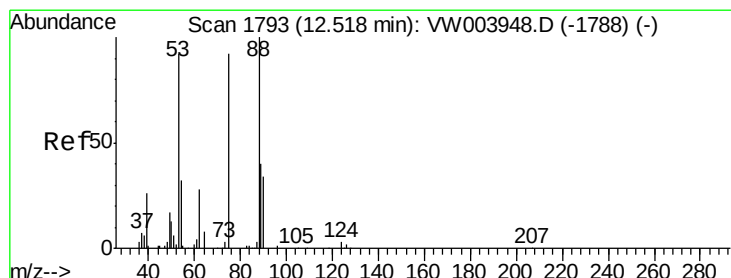
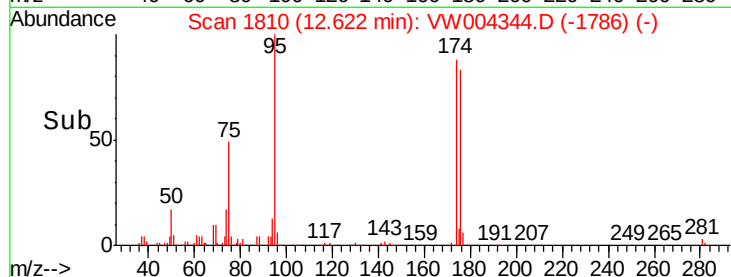
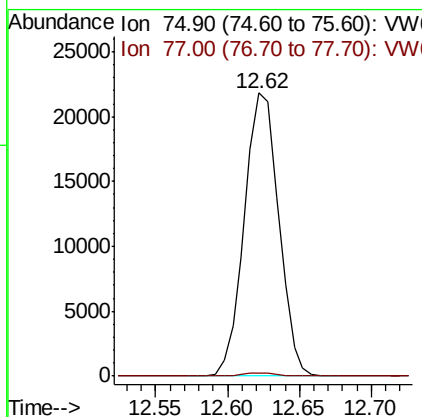
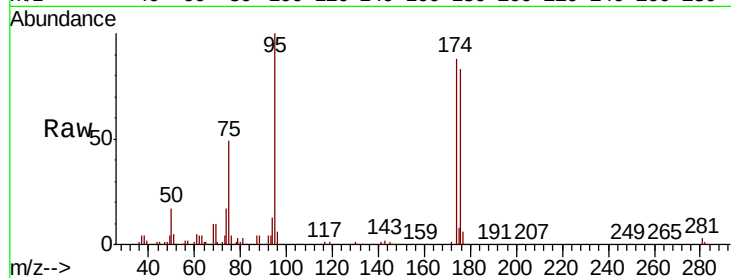
ClientSampled :

Tot Ion: 75 Resp: 36091

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.938 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004344.D

Acq: 30 Jul 2018 06:18

Tgt Ion: 75 Resp: 36091

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.0 54.0#

