

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003970.D
 Acq On : 17 Jul 2018 01:22
 Operator : VA/AP
 Sample : VW0716SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 17 08:49:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	364681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	167946	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	158916	67.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.62%	
35) Dibromofluoromethane	7.88	113	133785	57.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.36%	
50) Toluene-d8	10.33	98	495005	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
62) 4-Bromofluorobenzene	12.63	95	166387	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

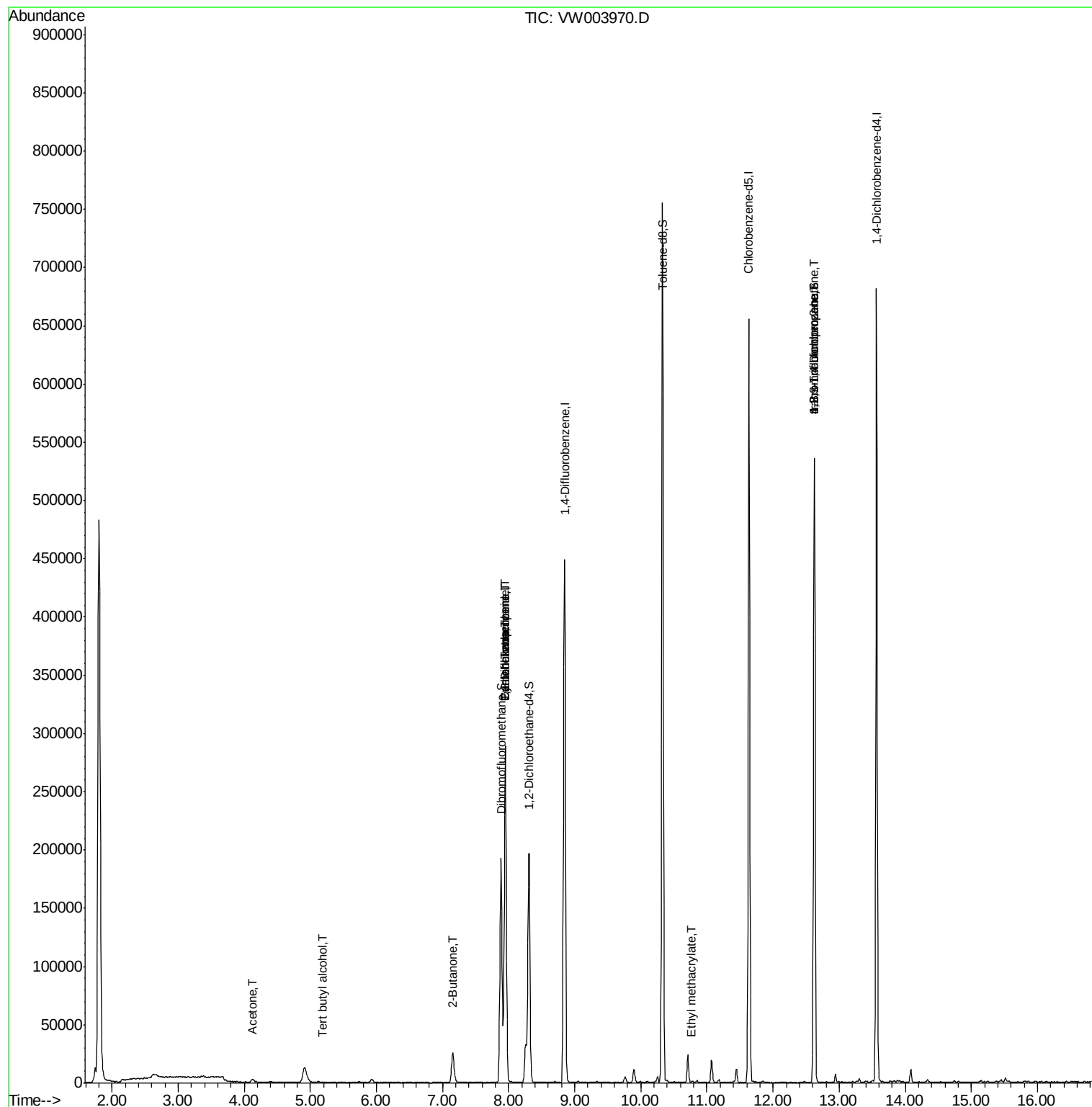
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	497	3.049	ug/l #	72
16) Acetone	4.12	43	5142	9.063	ug/l	99
20) Methylene Chloride	4.91	84	12387	Below Cal		99
25) 2-Butanone	7.16	43	1598	2.093	ug/l #	69
31) Cyclohexane	7.95	56	5083	1.298	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	17479	4.659	ug/l #	50
38) Carbon Tetrachloride	7.95	117	21258	6.064	ug/l #	17
56) Ethyl methacrylate	10.76	69	78	2.972	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	87339	52.383	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87339	115.870	ug/l #	11

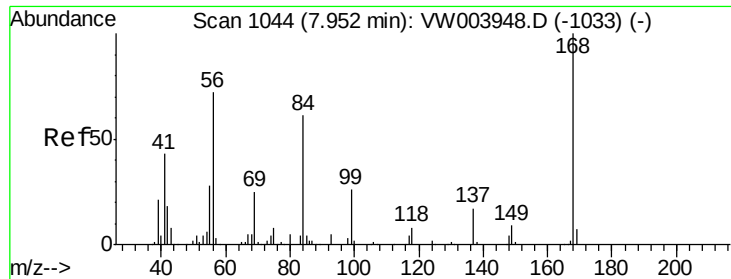
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 16 15:06:12 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: VW003970.D

Acq: 17 Jul 2018 01:22

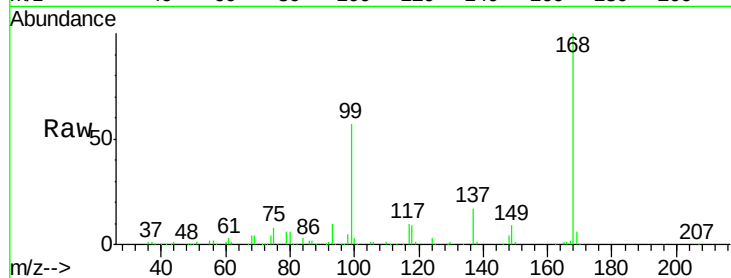
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 211222

Ion Ratio Lower Upper

168 100

99 56.7 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

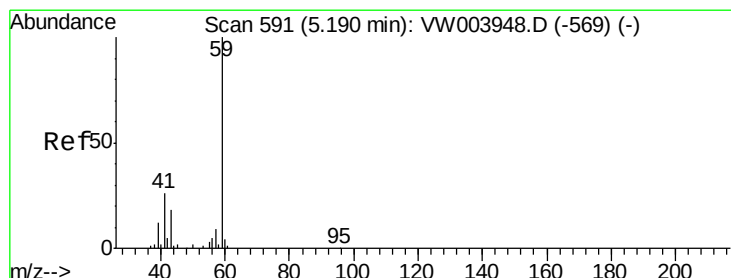
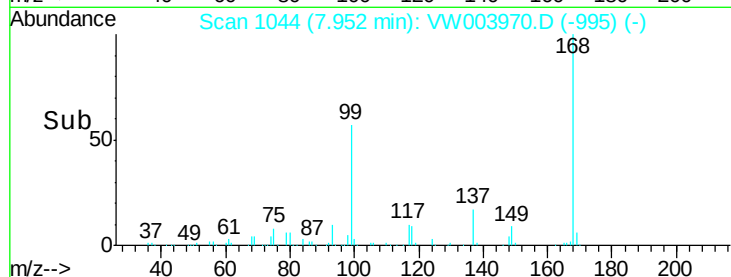
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.049 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW003970.D

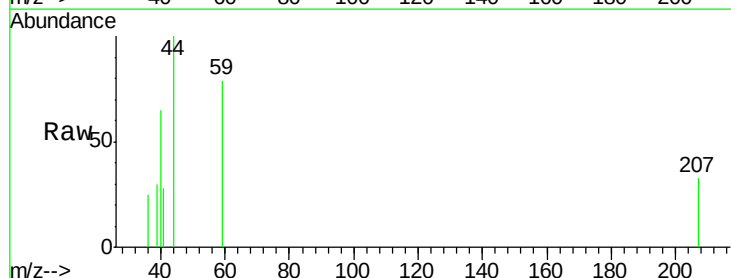
Acq: 17 Jul 2018 01:22

Tgt Ion: 59 Resp: 497

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

250

200

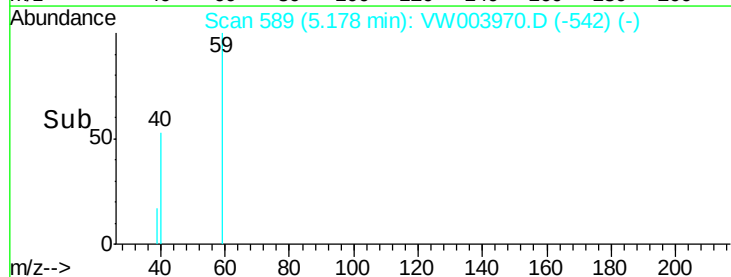
150

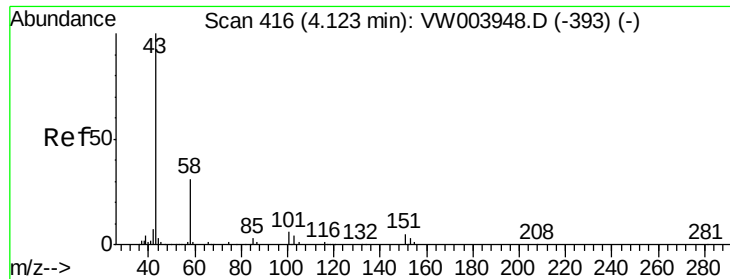
100

50

0

Time-->





#16

Acetone

Concen: 9.063 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW003970.D

Acq: 17 Jul 2018 01:22

Instrument :

MSVOA_W

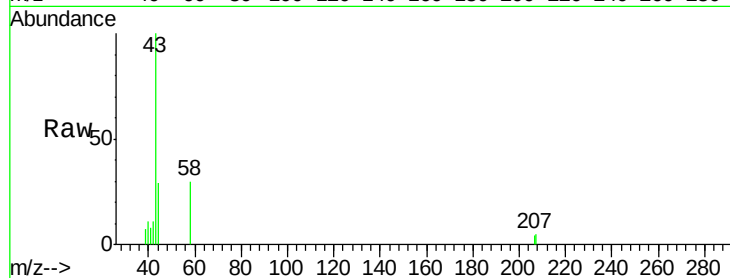
ClientSampleId :

Tot Ion: 43 Resp: 5142

Ion Ratio Lower Upper

43 100

58 30.2 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

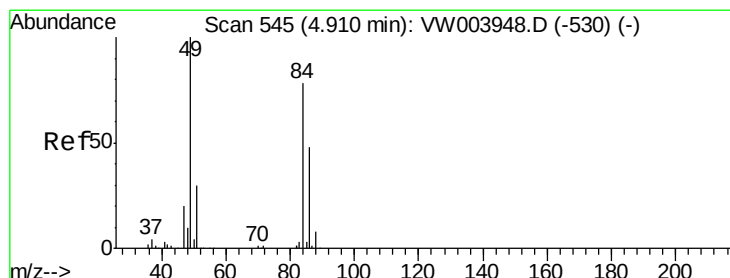
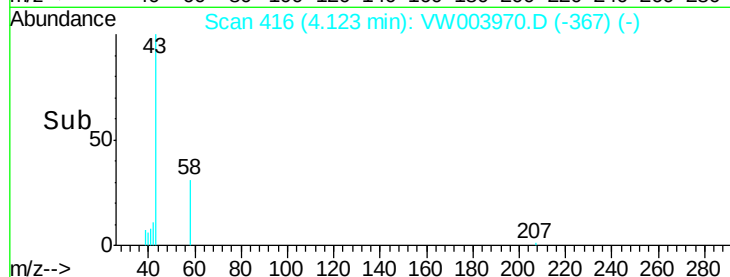
1000

500

0

Time-->

4.00 4.10 4.20



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003970.D

Acq: 17 Jul 2018 01:22

Tgt Ion: 84 Resp: 12387

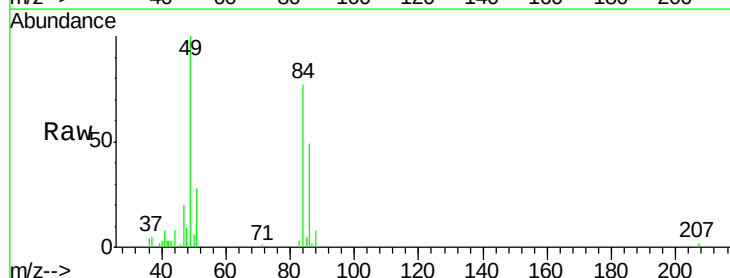
Ion Ratio Lower Upper

84 100

49 129.4 102.9 154.3

51 36.9 30.9 46.3

86 62.9 49.9 74.9



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

4.91

5000

4000

3000

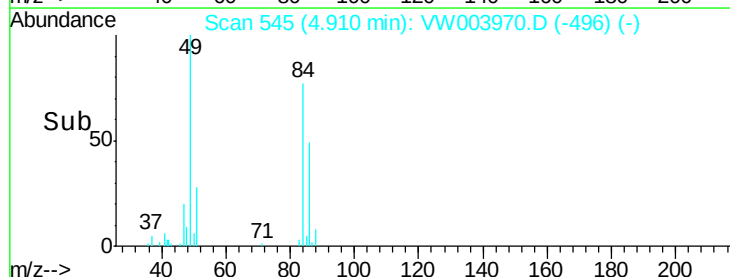
2000

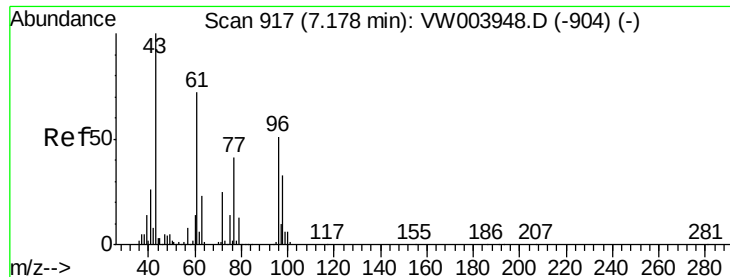
1000

0

Time-->

4.80 4.90 5.00

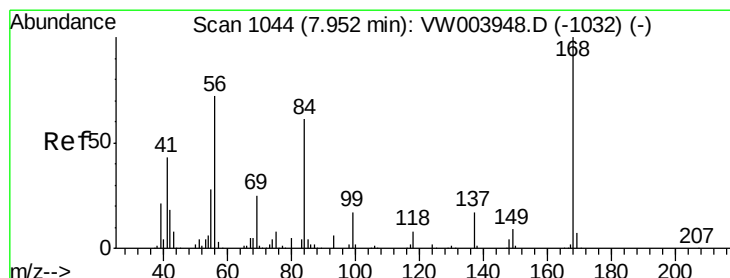
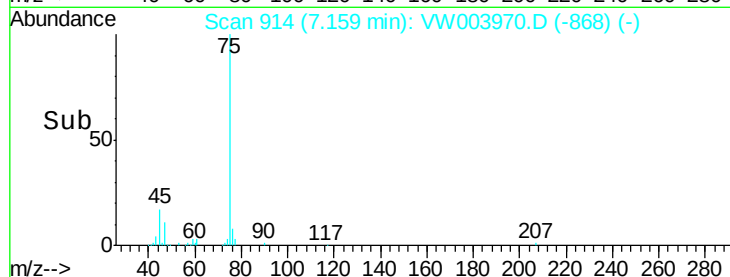
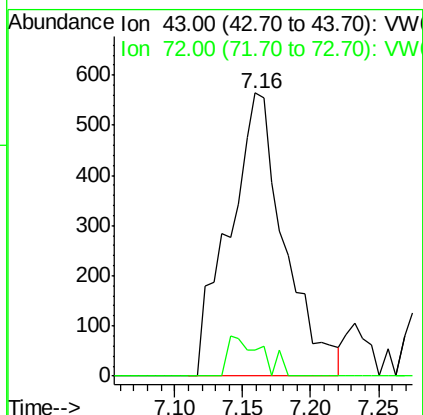
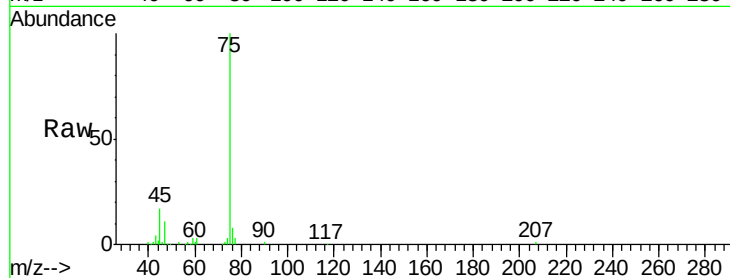




#25
2-Butanone
Concen: 2.093 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW003970.D
Acq: 17 Jul 2018 01:22

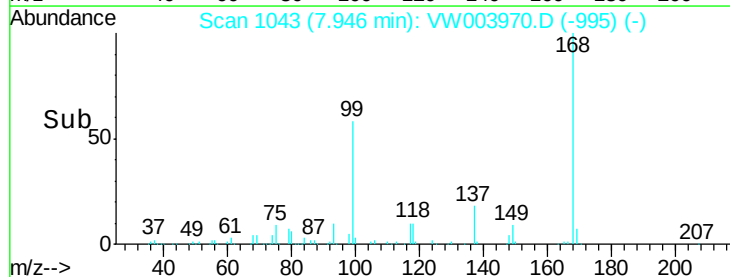
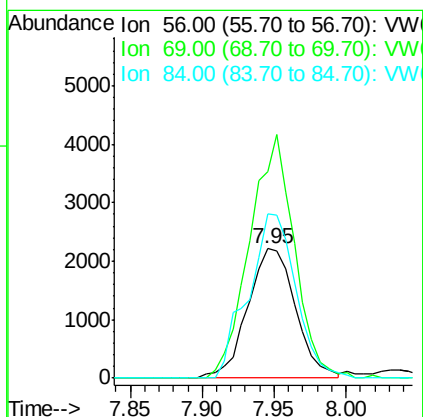
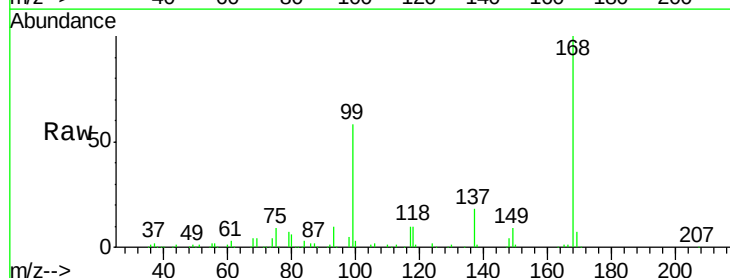
Instrument :
MSVOA_W
ClientSampleId :

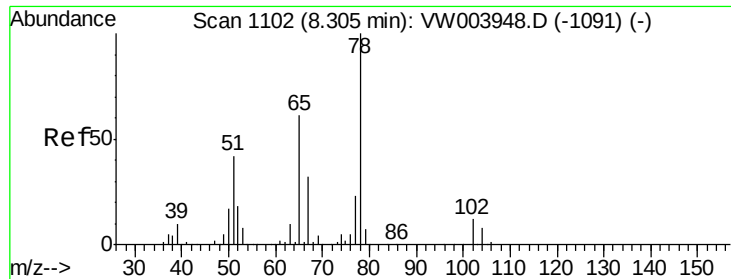
Tot Ion: 43 Resp: 1598
Ion Ratio Lower Upper
43 100
72 9.2 19.8 29.6#



#31
Cyclohexane
Concen: 1.298 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003970.D
Acq: 17 Jul 2018 01:22

Tgt Ion: 56 Resp: 5083
Ion Ratio Lower Upper
56 100
69 160.4 27.8 41.8#
84 127.0 67.2 100.8#

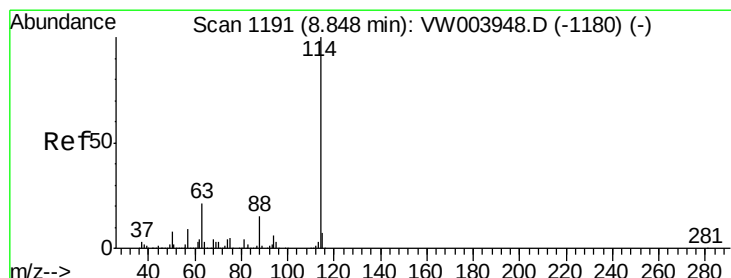
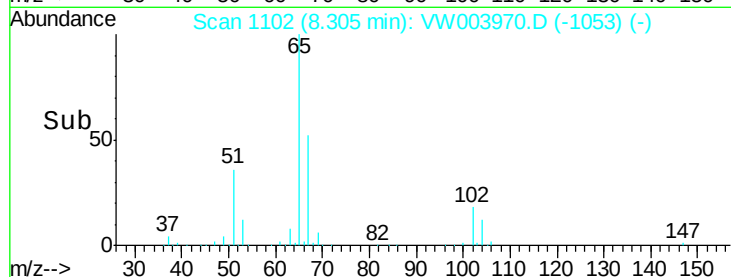
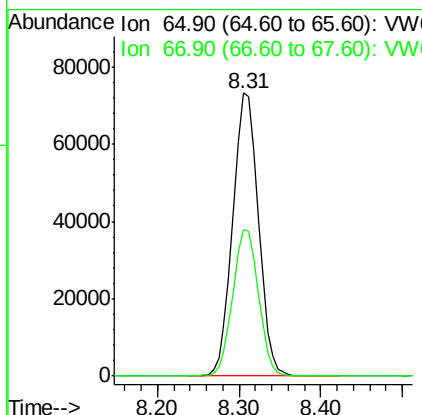
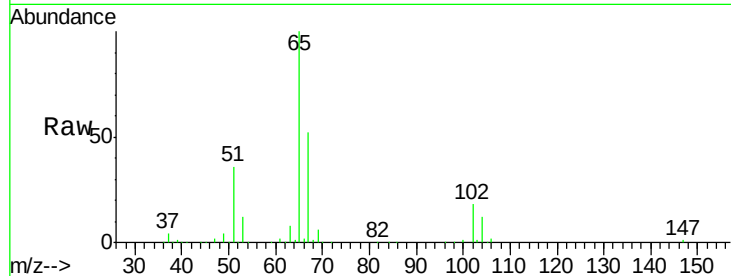




#33
 1,2-Dichloroethane-d4
 Concen: 67.308 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003970.D
 Acq: 17 Jul 2018 01:22

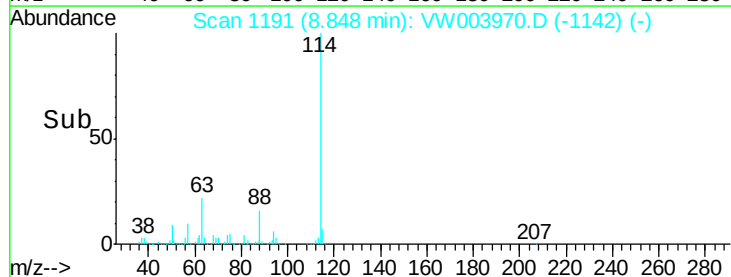
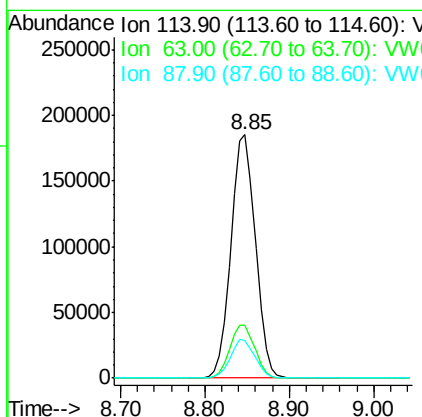
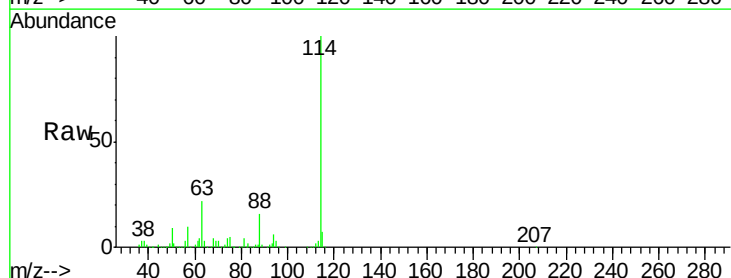
Instrument :
 MSVOA_W
 ClientSampled :

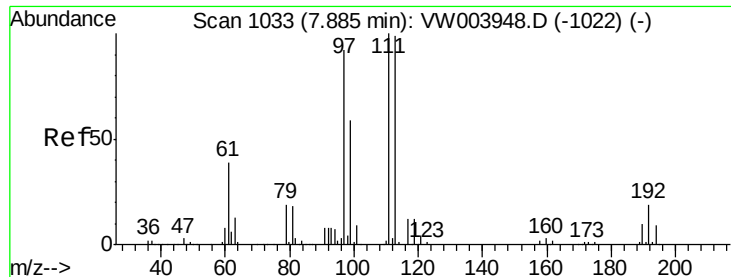
Tot Ion: 65 Resp: 158916
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003970.D
 Acq: 17 Jul 2018 01:22

Tgt Ion: 114 Resp: 364681
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.8
 88 15.7 0.0 30.4

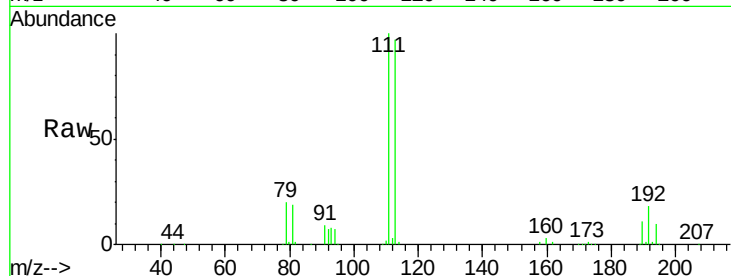




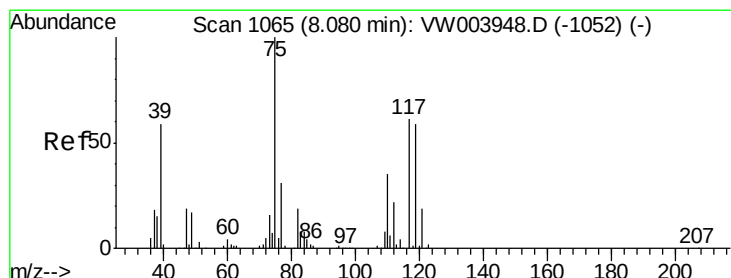
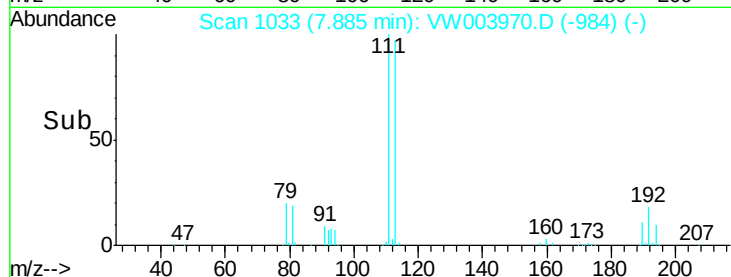
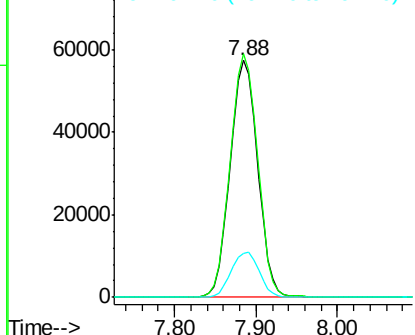
#35
 Dibromofluoromethane
 Concen: 57.176 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003970.D
 Acq: 17 Jul 2018 01:22

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.3	121.9
192	19.3	15.8	23.6

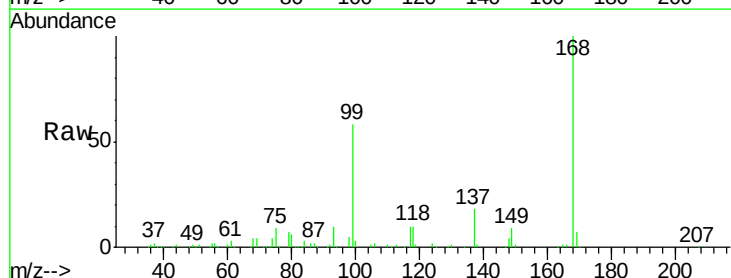


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

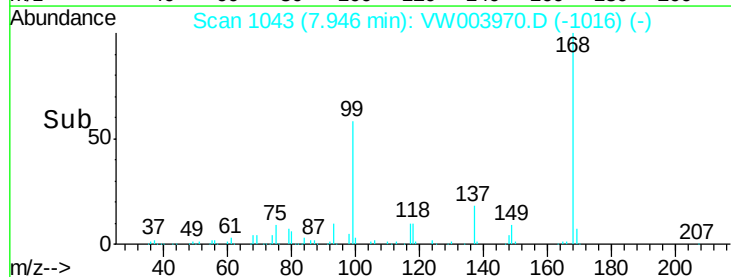
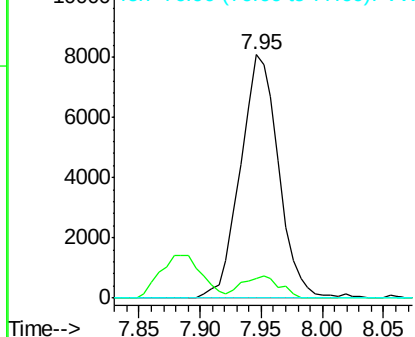


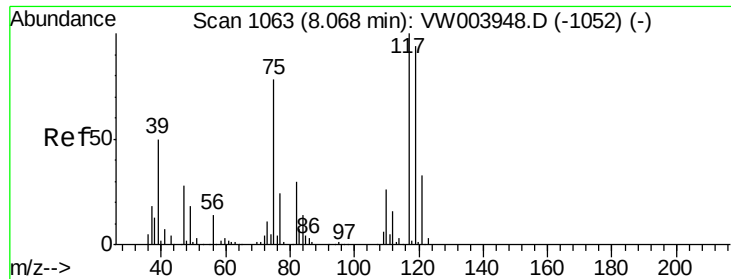
#36
 1,1-Dichloropropene
 Concen: 4.659 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003970.D
 Acq: 17 Jul 2018 01:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.0	51.0#
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

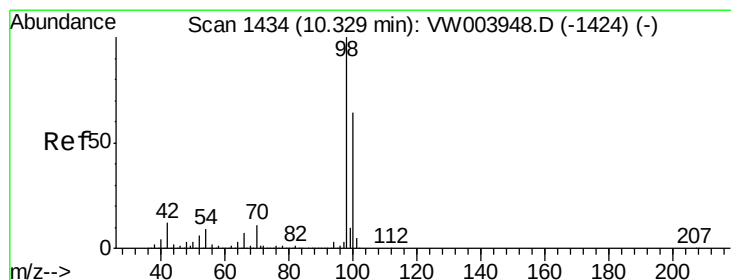
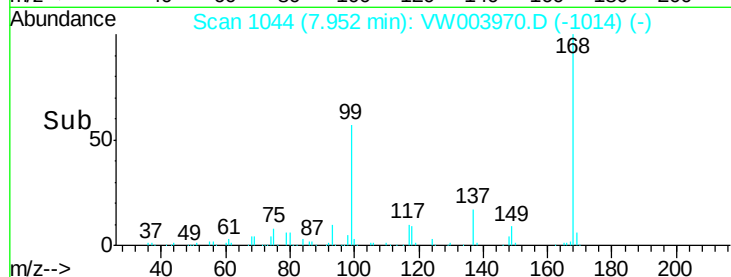
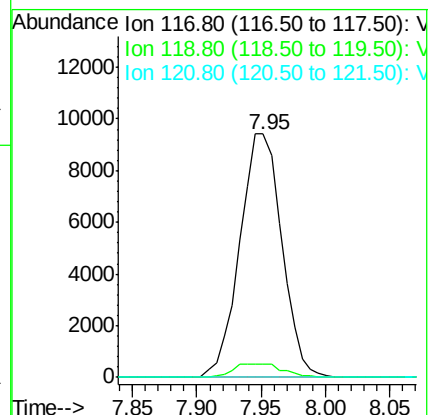
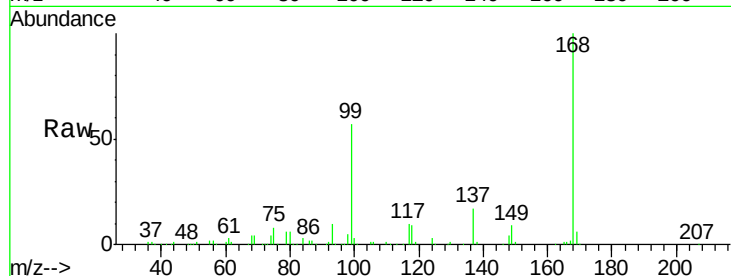




#38
Carbon Tetrachloride
Concen: 6.064 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003970.D
Acq: 17 Jul 2018 01:22

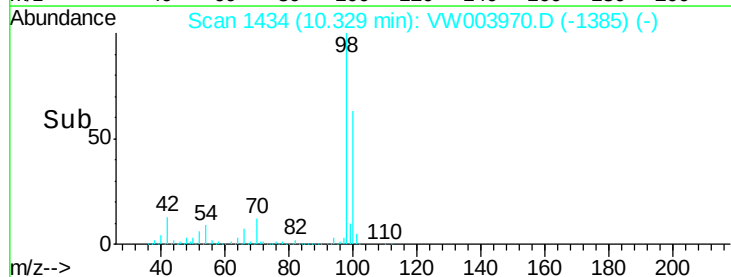
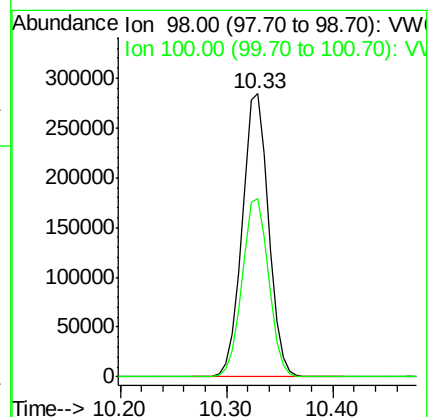
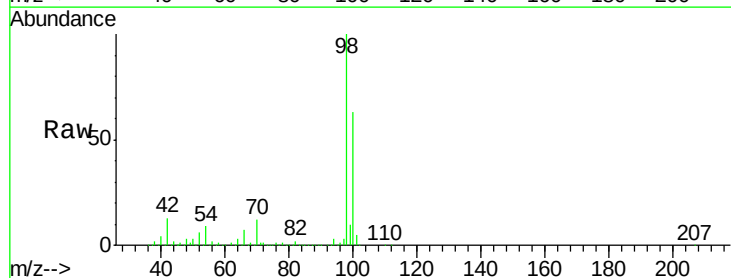
Instrument :
MSVOA_W
ClientSampled :

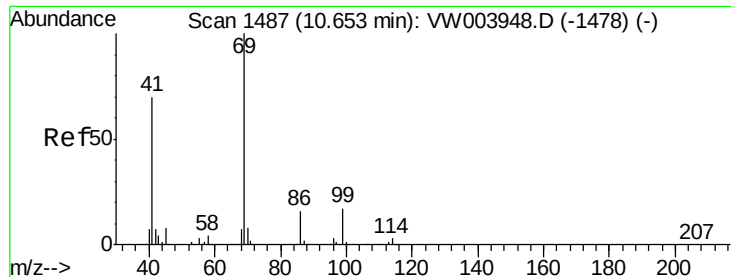
Tot Ion:117 Resp: 21258
Ion Ratio Lower Upper
117 100
119 5.3 75.3 112.9#
121 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 54.520 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003970.D
Acq: 17 Jul 2018 01:22

Tgt Ion: 98 Resp: 495005
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8

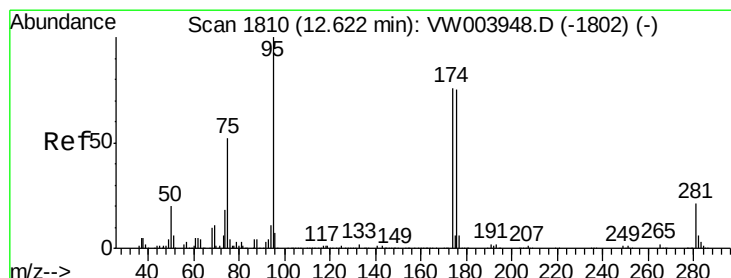
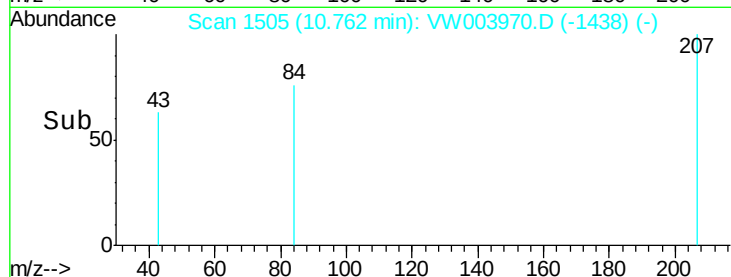
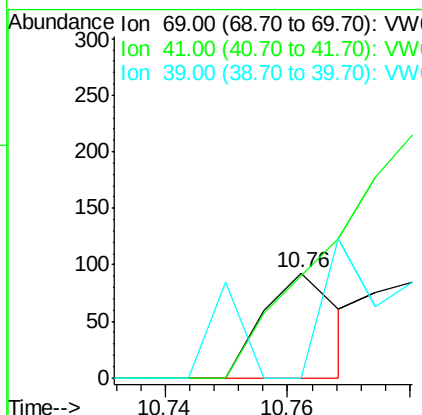
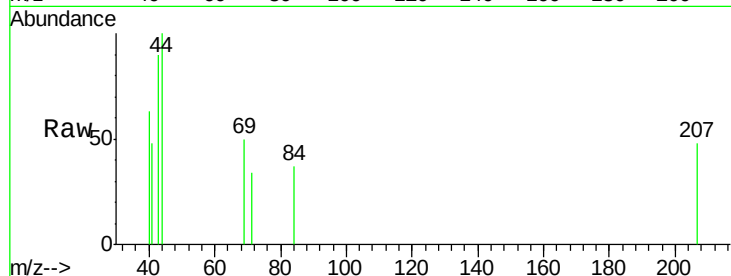




#56
Ethyl methacrylate
Concen: 2.972 ug/l
RT: 10.76 min Scan# 1505
Delta R.T. 0.11 min
Lab File: VW003970.D
Acq: 17 Jul 2018 01:22

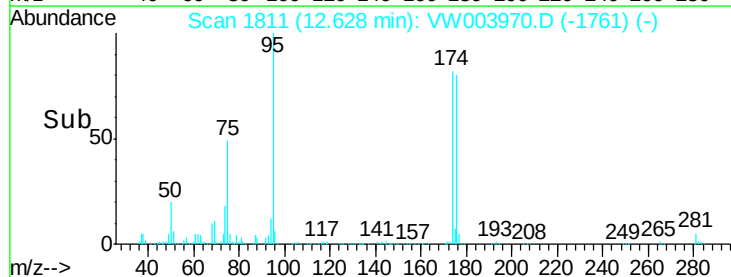
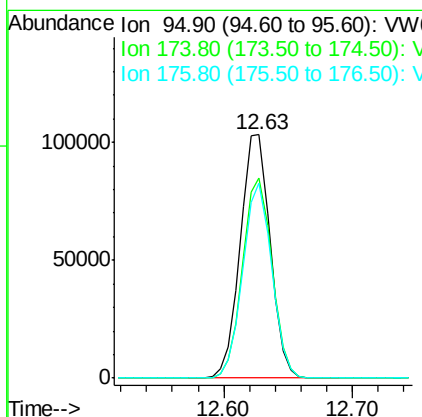
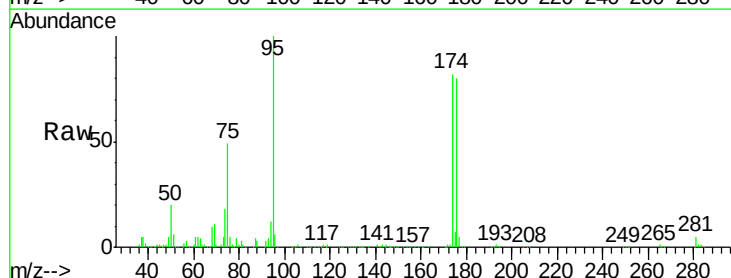
Instrument :
MSVOA_W
ClientSampled :

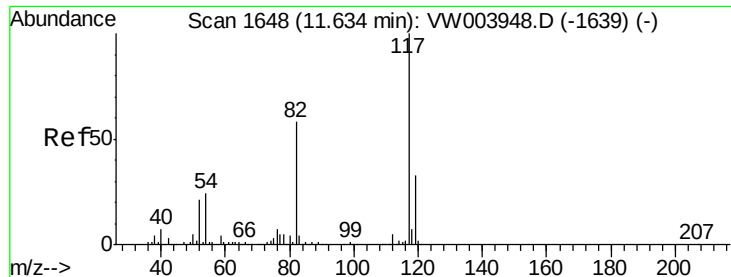
Tot Ion: 69 Resp: 78
Ion Ratio Lower Upper
69 100
41 451.3 56.5 84.7#
39 126.9 30.2 45.4#



#62
4-Bromofluorobenzene
Concen: 50.821 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW003970.D
Acq: 17 Jul 2018 01:22

Tgt Ion: 95 Resp: 166387
Ion Ratio Lower Upper
95 100
174 80.7 0.0 160.2
176 77.2 0.0 155.8

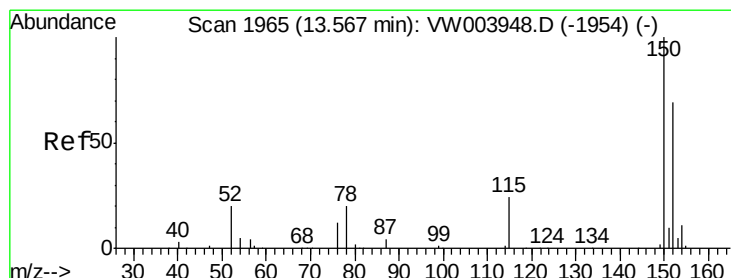
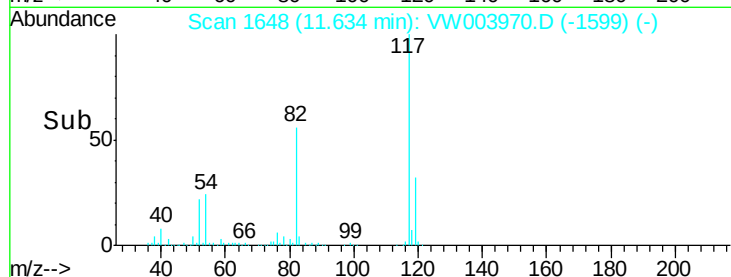
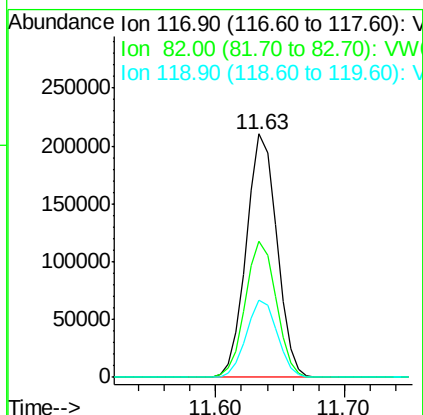
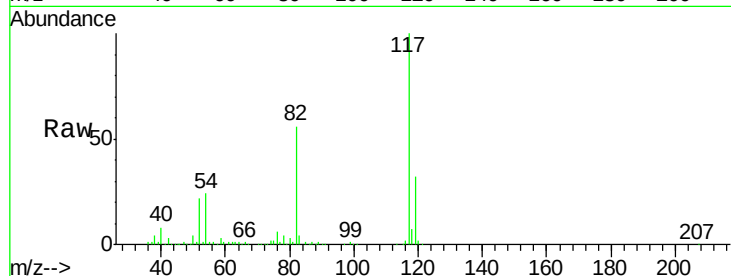




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003970.D
Acq: 17 Jul 2018 01:22

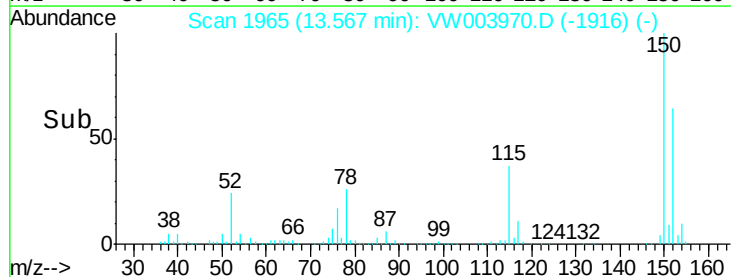
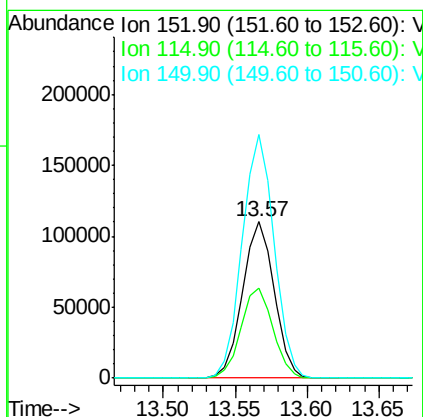
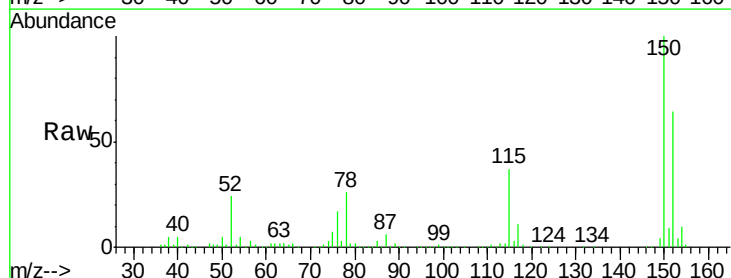
Instrument :
MSVOA_W
ClientSampleId :

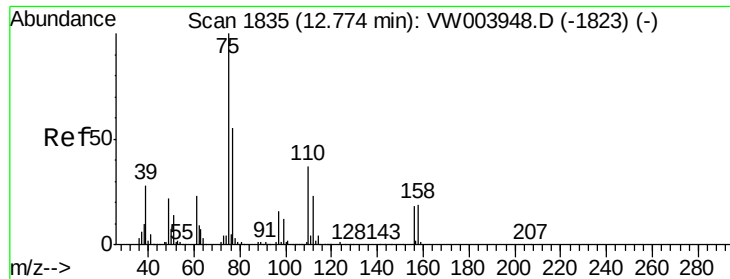
Tot Ion:117 Resp: 344905
Ion Ratio Lower Upper
117 100
82 56.1 46.5 69.7
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003970.D
Acq: 17 Jul 2018 01:22

Tgt Ion:152 Resp: 167946
Ion Ratio Lower Upper
152 100
115 58.4 29.2 87.6
150 156.9 0.0 345.2

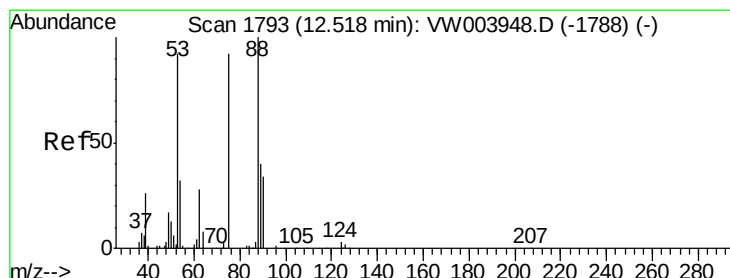
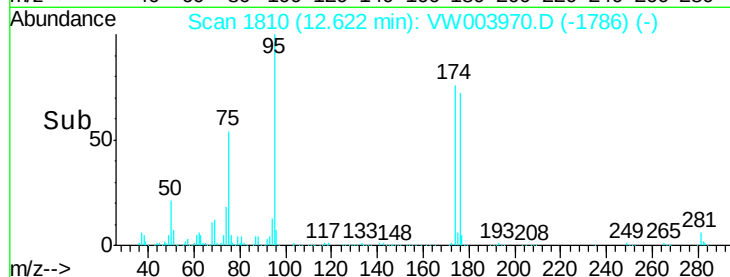
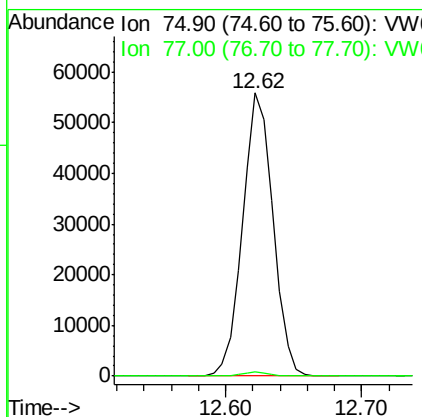
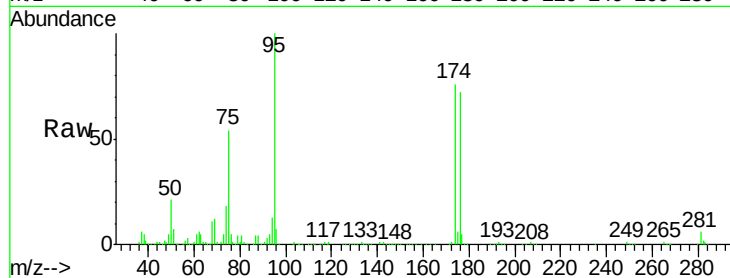




#76
 1,2,3-Trichloropropane
 Concen: 52.383 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003970.D
 Acq: 17 Jul 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 87339
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.870 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003970.D
 Acq: 17 Jul 2018 01:22

Tgt Ion: 75 Resp: 87339
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.6 116.4#
 89 0.1 36.6 54.8#

