

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006848.D
 Acq On : 13 Nov 2018 12:29
 Operator : SY/AP
 Sample : VW1113SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 13 15:23:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	345877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	443212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	430613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	244533	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109058	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
35) Dibromofluoromethane	7.88	113	118227	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
50) Toluene-d8	10.33	98	494200	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
62) 4-Bromofluorobenzene	12.62	95	185633	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	

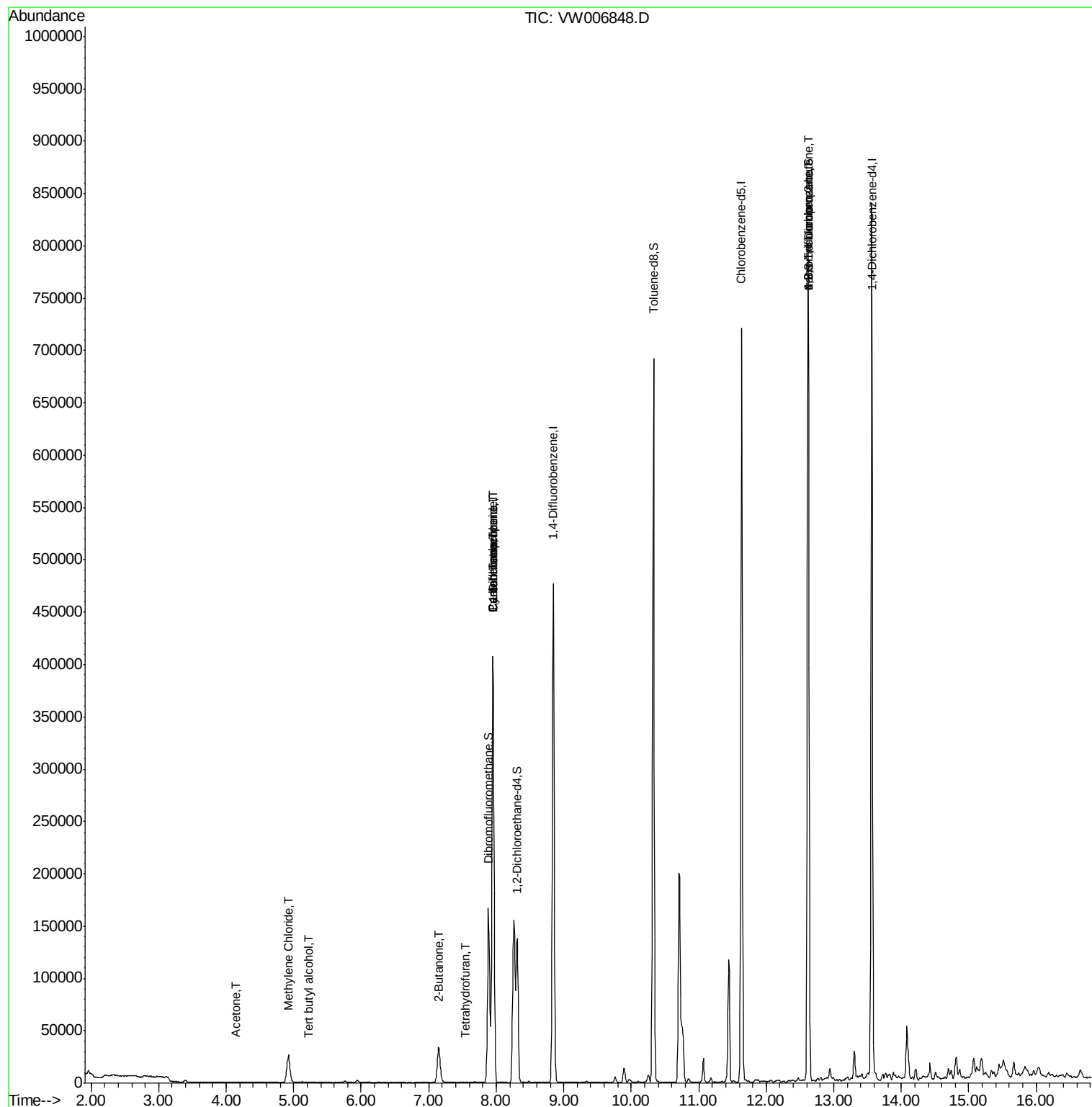
Target Compounds						Qvalue
11) Tert butyl alcohol	5.22	59	470	2.832	ug/l #	72
16) Acetone	4.15	43	1271	3.500	ug/l #	82
20) Methylene Chloride	4.92	84	22776	1.888	ug/l	99
25) 2-Butanone	7.15	43	1884	3.068	ug/l #	43
29) Tetrahydrofuran	7.55	42	407	1.036	ug/l #	52
31) Cyclohexane	7.95	56	4999	1.032	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19919	4.803	ug/l #	47
38) Carbon Tetrachloride	7.95	117	29341	6.509	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	90131	51.145	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90131	126.511	ug/l #	13

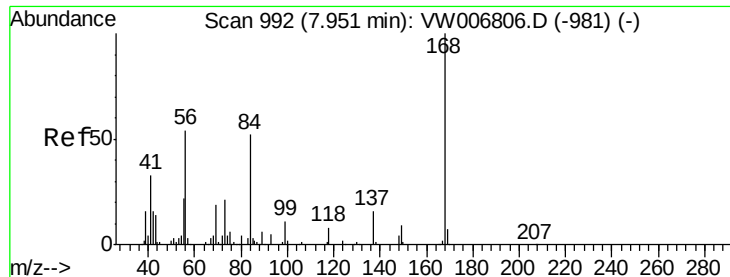
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 13 15:23:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 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: VW006848.D

Acq: 13 Nov 2018 12:29

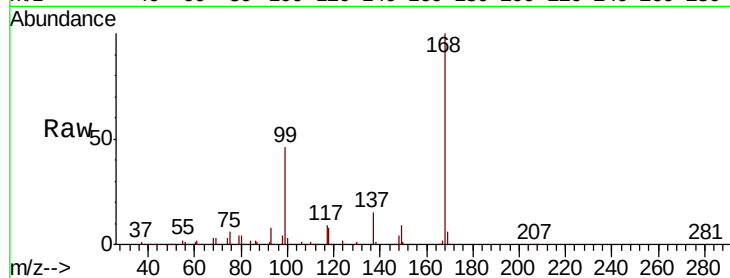
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 345877

Ion Ratio Lower Upper

168 100

99 46.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

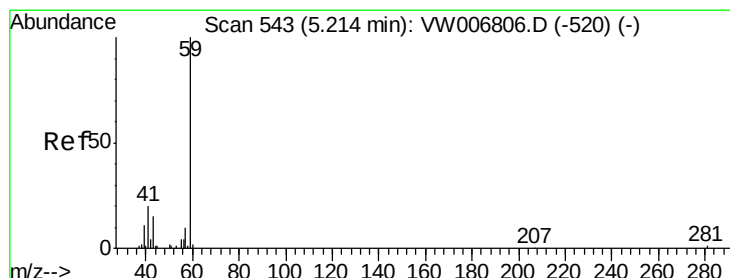
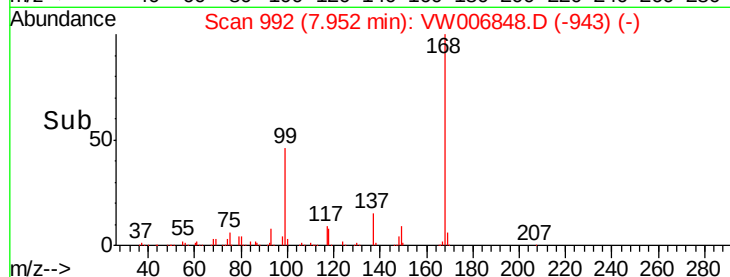
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.832 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.01 min

Lab File: VW006848.D

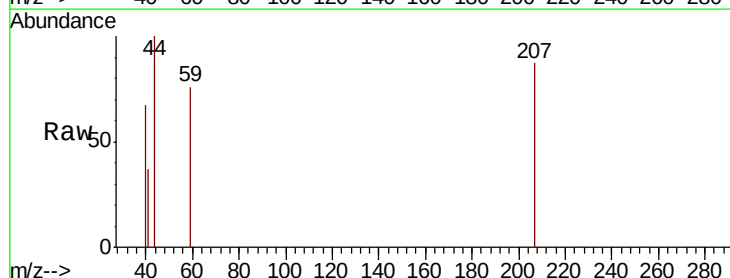
Acq: 13 Nov 2018 12:29

Tgt Ion: 59 Resp: 470

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.22

200

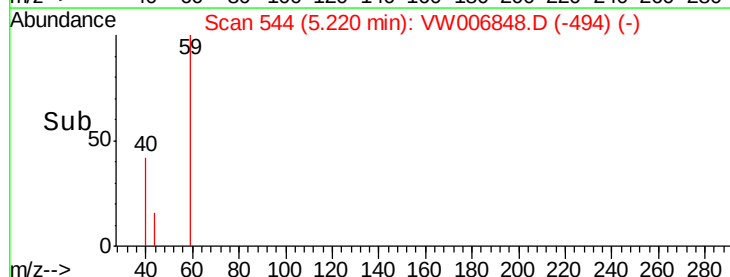
150

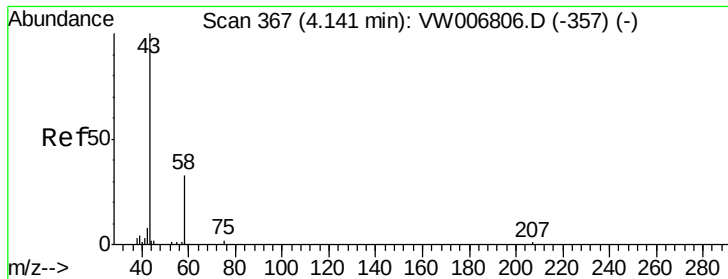
100

50

0

Time--> 5.20 5.25

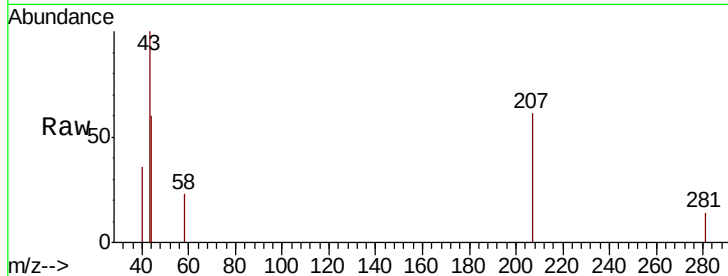




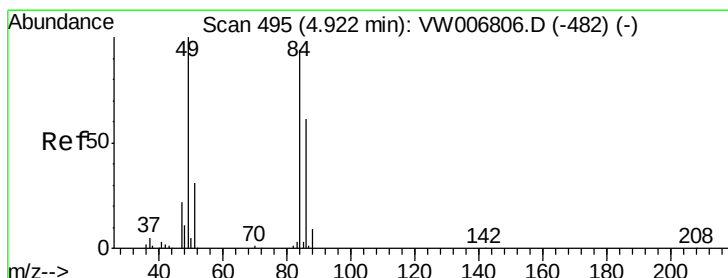
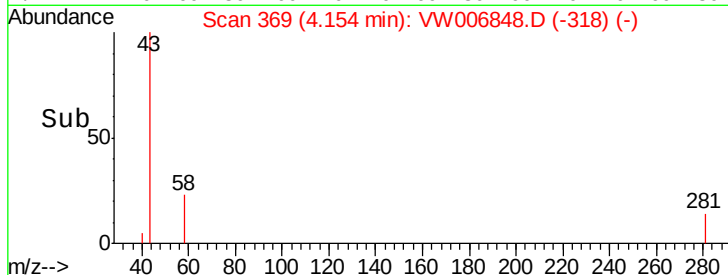
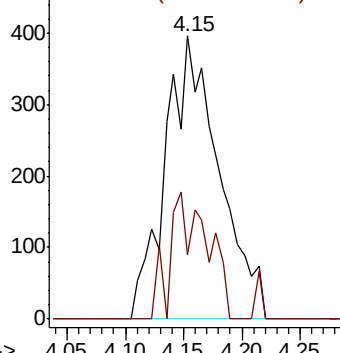
#16
Acetone
Concen: 3.500 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW006848.D
Acq: 13 Nov 2018 12:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 22.7 26.5 39.7#

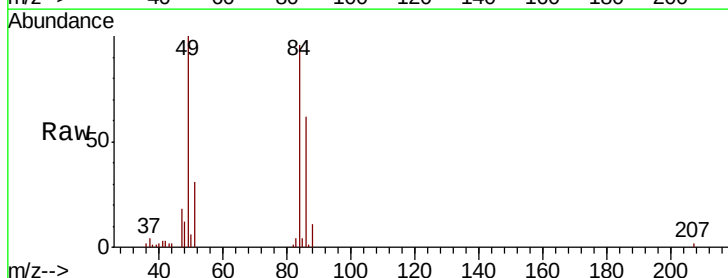


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

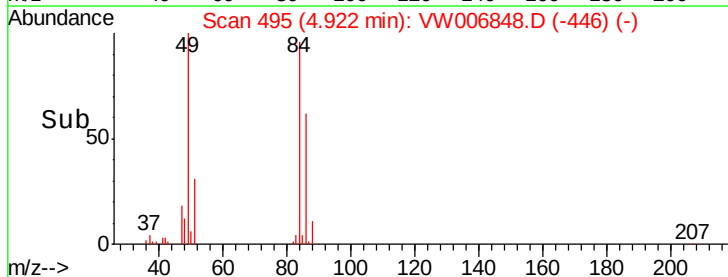
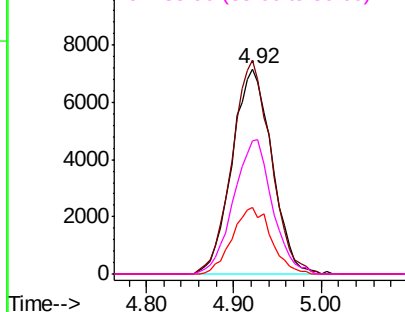


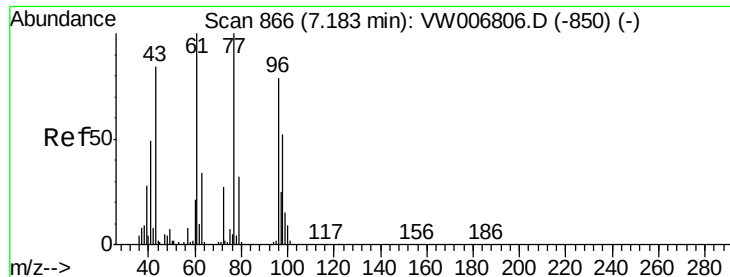
#20
Methylene Chloride
Concen: 1.888 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006848.D
Acq: 13 Nov 2018 12:29

Tgt Ion: 84 Resp: 22776
Ion Ratio Lower Upper
84 100
49 104.1 84.8 127.2
51 32.3 26.2 39.4
86 64.9 51.8 77.8



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: 3.068 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006848.D

Acq: 13 Nov 2018 12:29

Instrument :

MSVOA_W

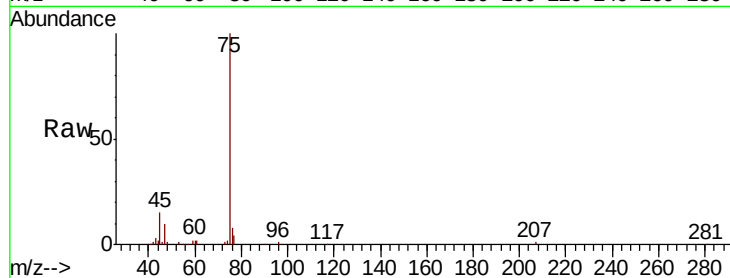
ClientSampleId :

Tot Ion: 43 Resp: 1884

Ion Ratio Lower Upper

43 100

72 0.0 25.3 37.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.15

600

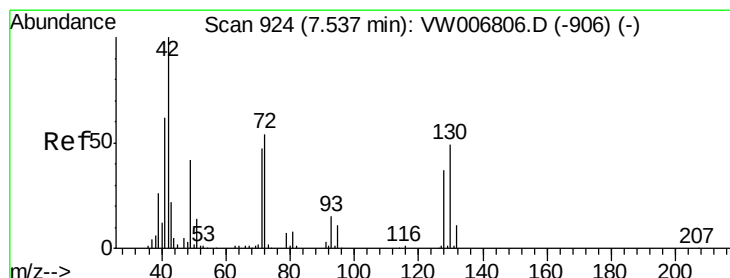
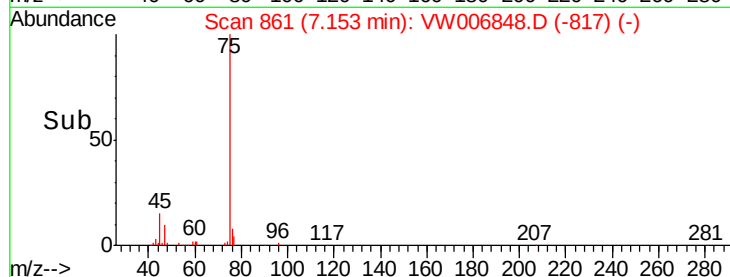
400

200

0

7.05 7.10 7.15 7.20 7.25

Time-->



#29

Tetrahydrofuran

Concen: 1.036 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006848.D

Acq: 13 Nov 2018 12:29

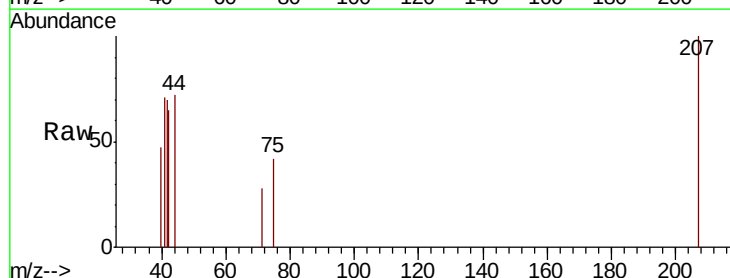
Tgt Ion: 42 Resp: 407

Ion Ratio Lower Upper

42 100

72 7.4 40.9 61.3#

71 25.1 36.9 55.3#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

7.55

300

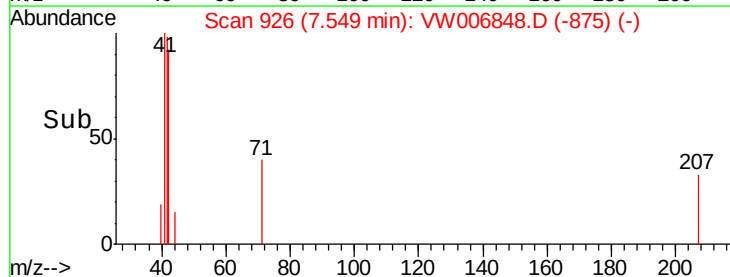
200

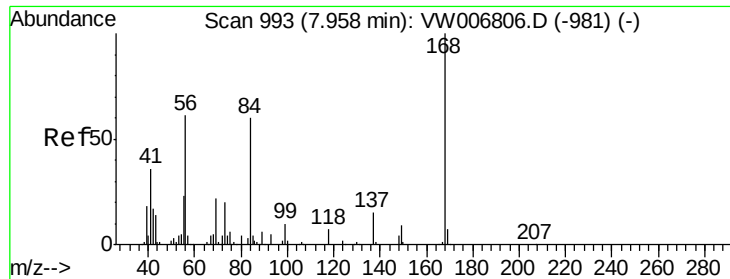
100

0

7.50 7.55 7.60

Time-->

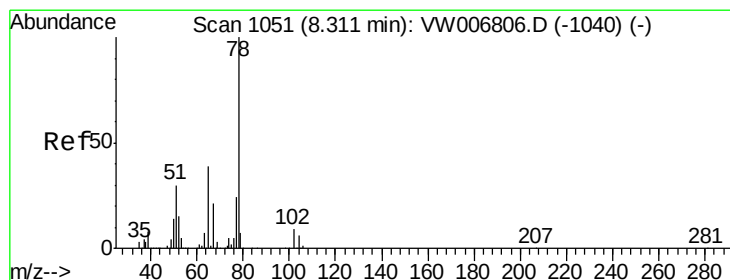
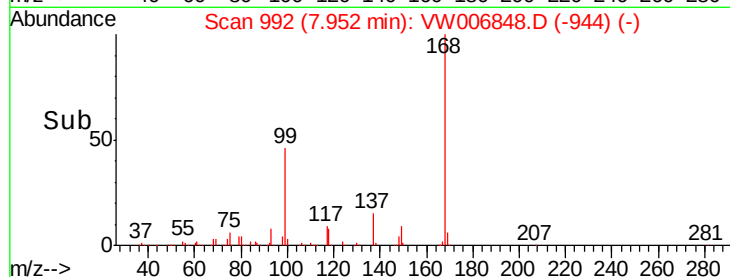
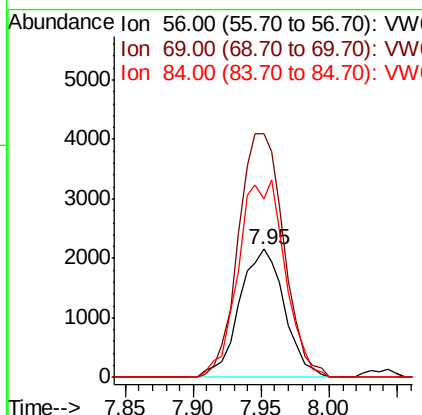
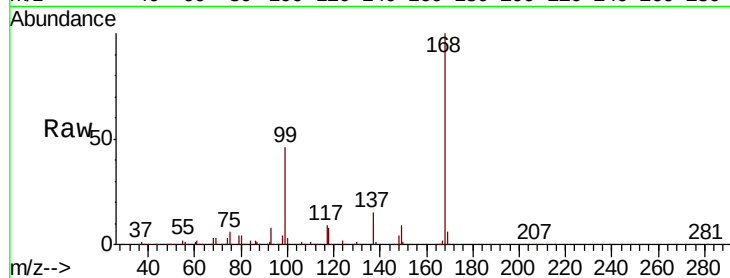




#31
Cyclohexane
Concen: 1.032 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006848.D
Acq: 13 Nov 2018 12:29

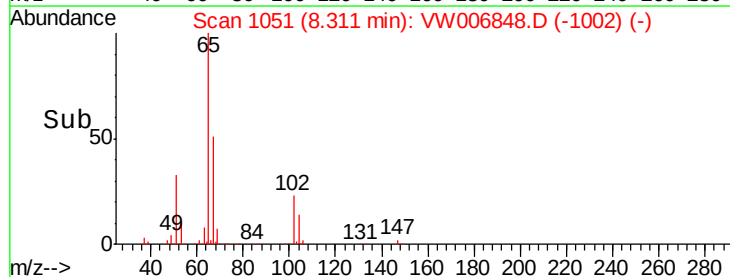
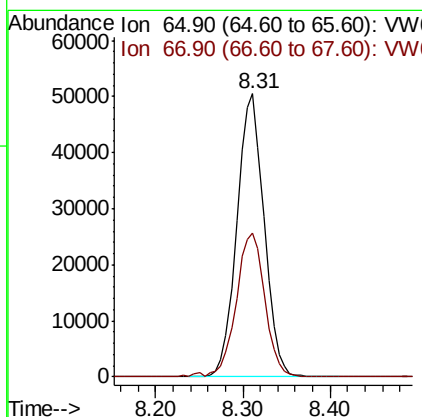
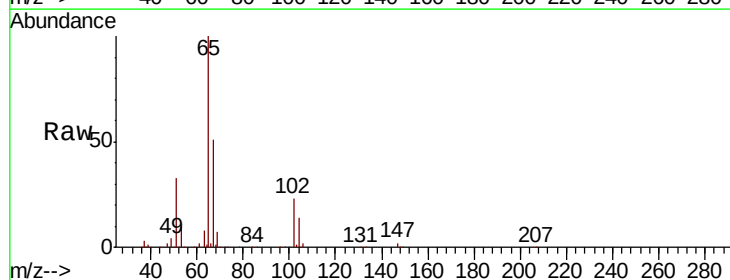
Instrument :
MSVOA_W
ClientSampled :

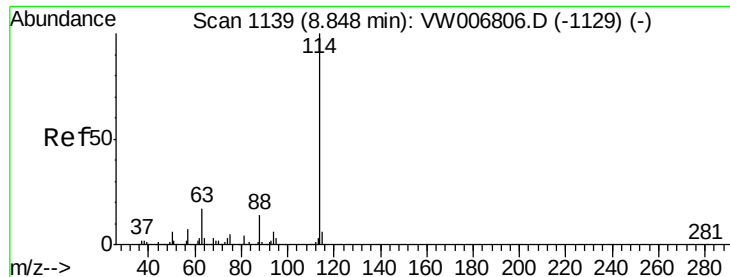
Tot Ion: 56 Resp: 4999
Ion Ratio Lower Upper
56 100
69 190.2 28.9 43.3#
84 139.5 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 43.132 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006848.D
Acq: 13 Nov 2018 12:29

Tgt Ion: 65 Resp: 109058
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.4

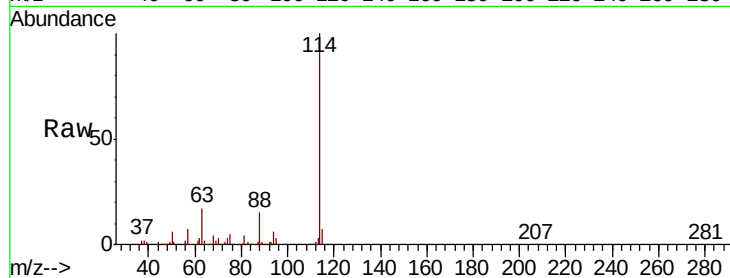




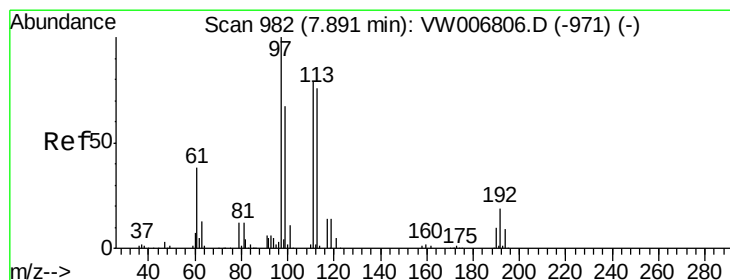
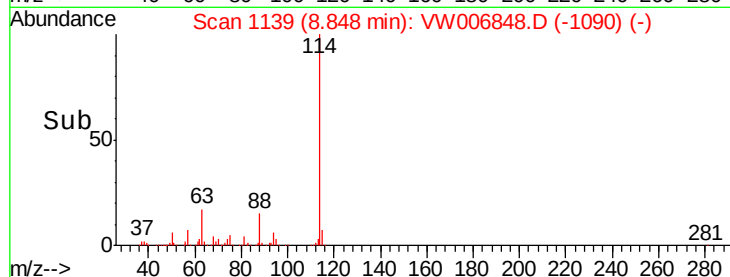
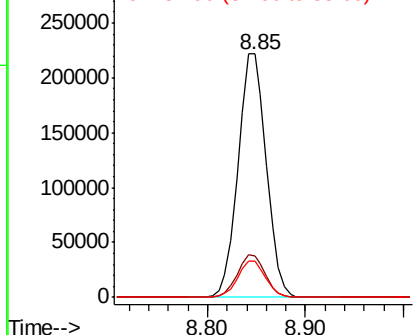
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW006848.D
Acq: 13 Nov 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	33.6
88	14.7	0.0	28.4

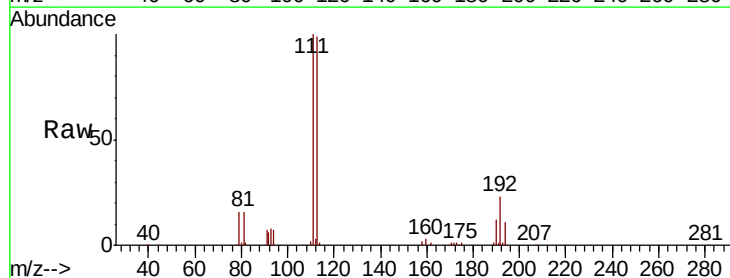


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

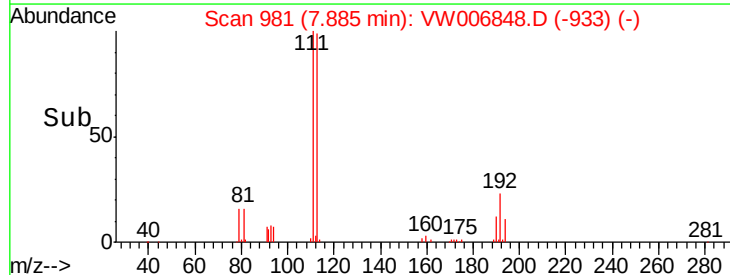
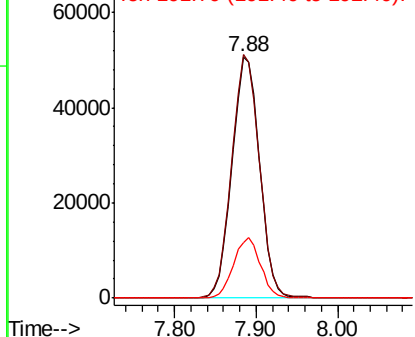


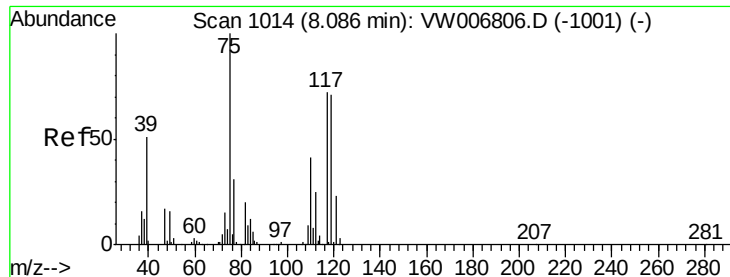
#35
Dibromofluoromethane
Concen: 44.797 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006848.D
Acq: 13 Nov 2018 12:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.6
192	24.4	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

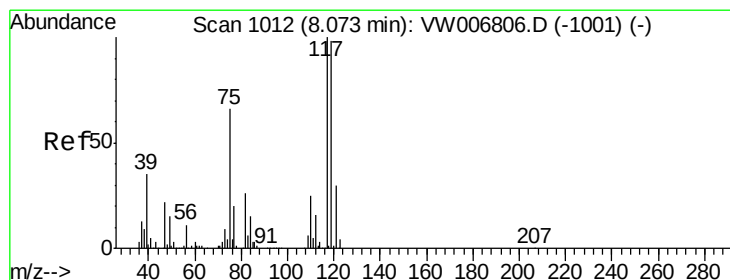
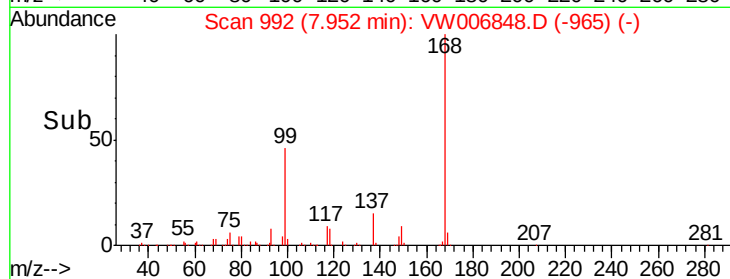
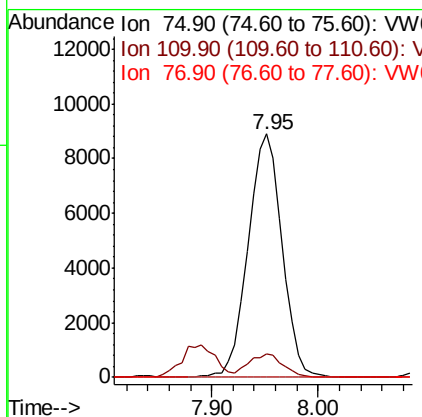
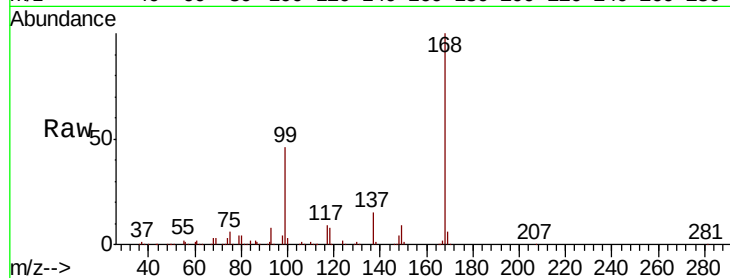




#36
 1,1-Dichloropropene
 Concen: 4.803 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006848.D
 Acq: 13 Nov 2018 12:29

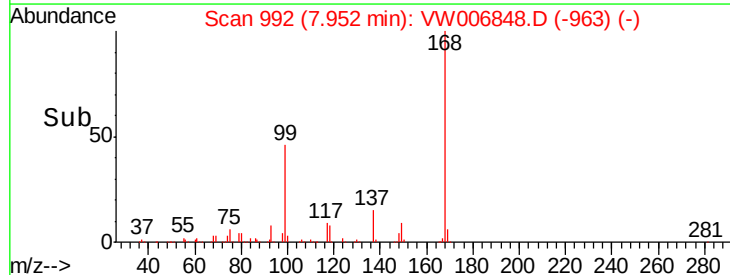
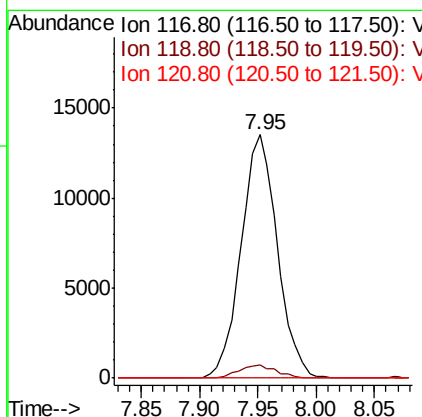
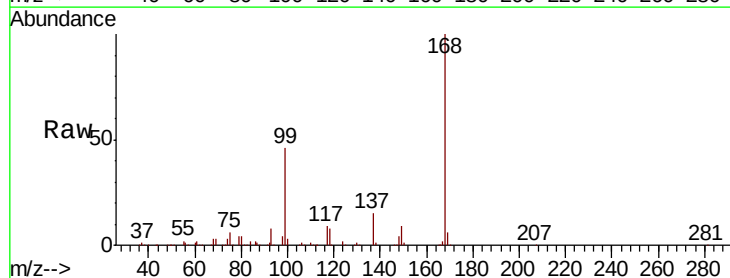
Instrument :
 MSVOA_W
 ClientSampleId :

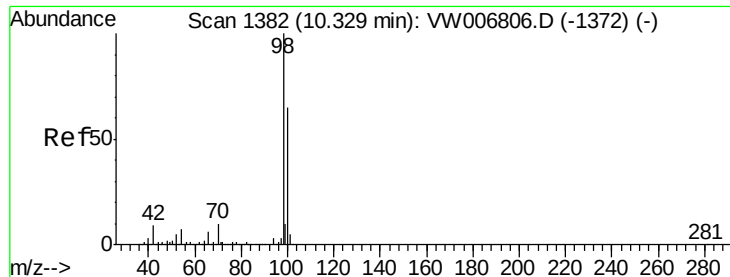
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.9	59.6#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 6.509 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006848.D
 Acq: 13 Nov 2018 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	78.5	117.7#
121	0.0	24.2	36.2#

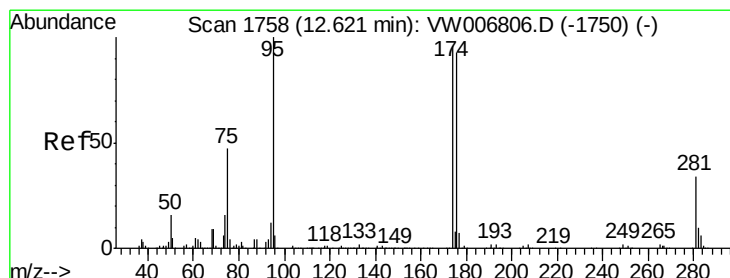
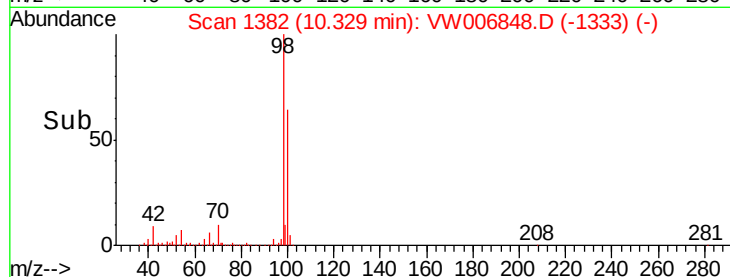
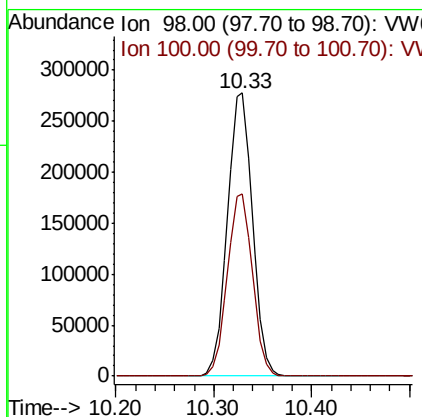
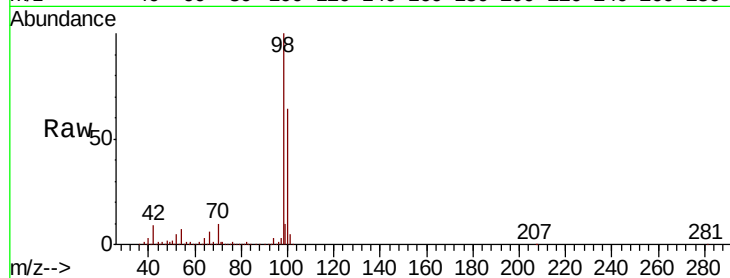




#50
Toluene-d8
Concen: 45.177 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006848.D
Acq: 13 Nov 2018 12:29

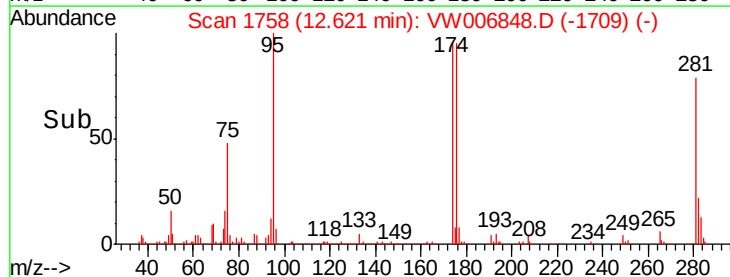
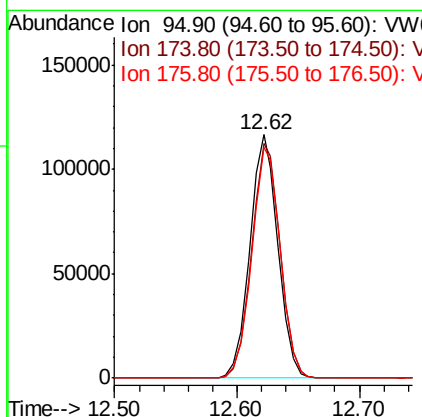
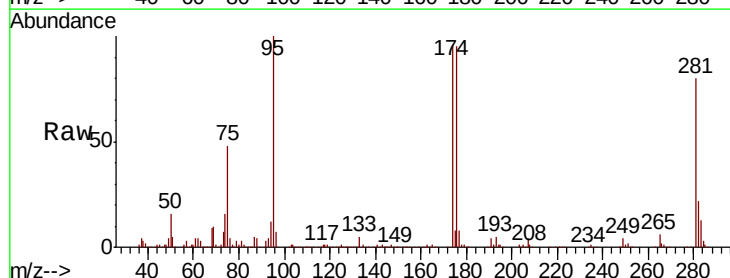
Instrument :
MSVOA_W
ClientSampleId :

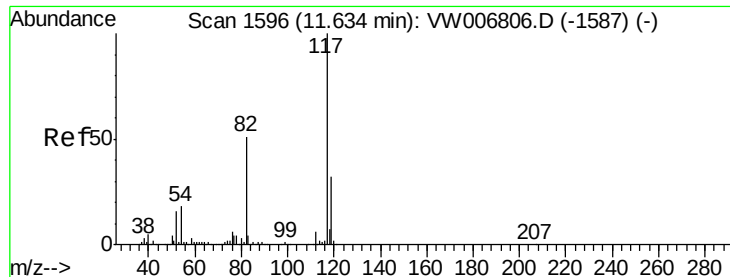
Tot Ion: 98 Resp: 494200
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 46.074 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006848.D
Acq: 13 Nov 2018 12:29

Tgt Ion: 95 Resp: 185633
Ion Ratio Lower Upper
95 100
174 98.3 0.0 196.6
176 96.4 0.0 191.6

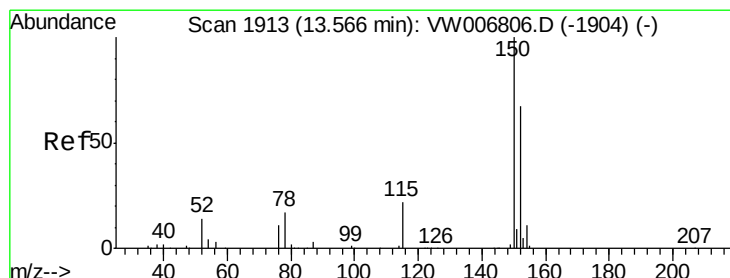
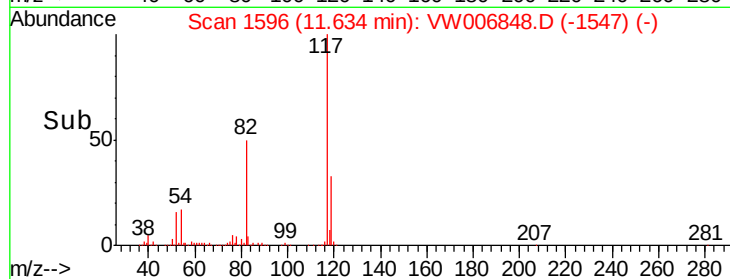
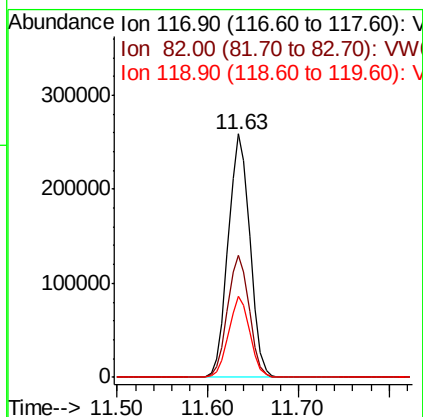
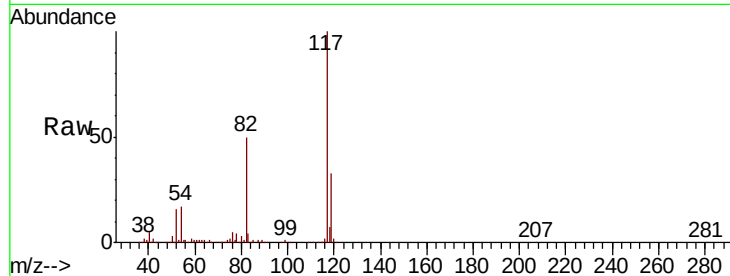




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006848.D
Acq: 13 Nov 2018 12:29

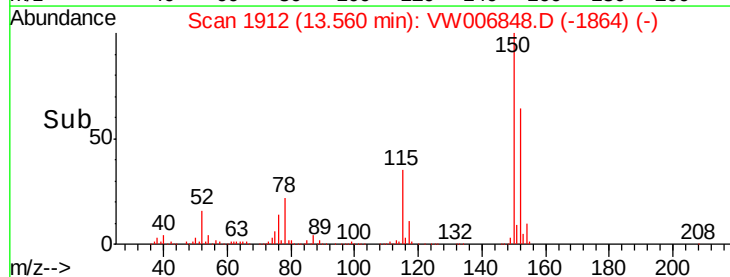
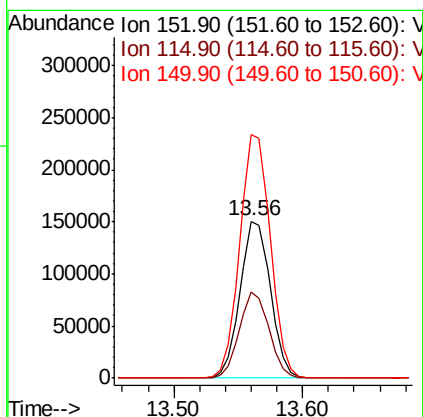
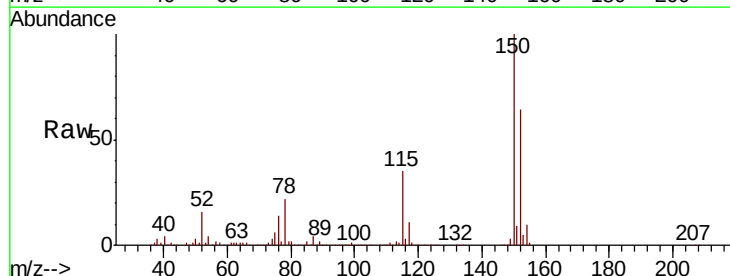
Instrument :
MSVOA_W
ClientSampleId :

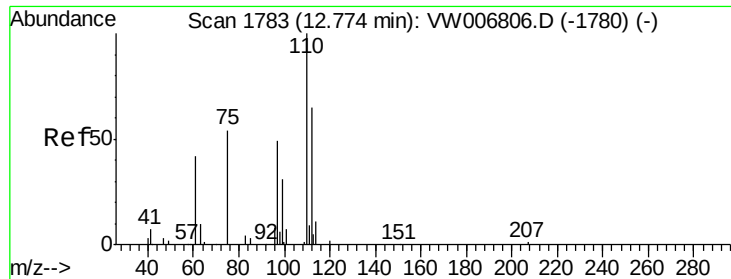
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	40.6	61.0
119	33.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006848.D
Acq: 13 Nov 2018 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.3	81.8
150	156.5	0.0	353.0

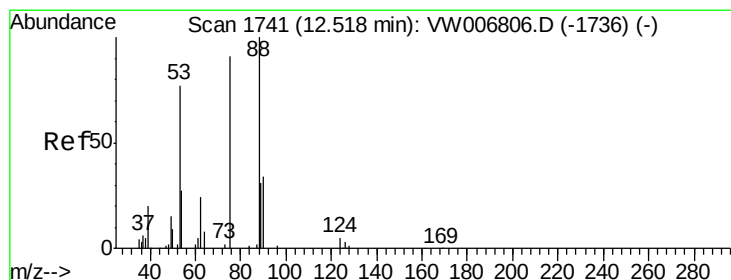
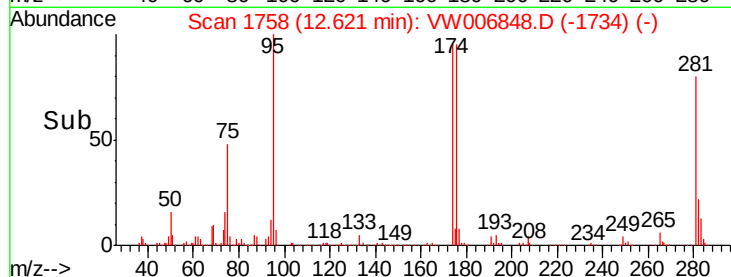
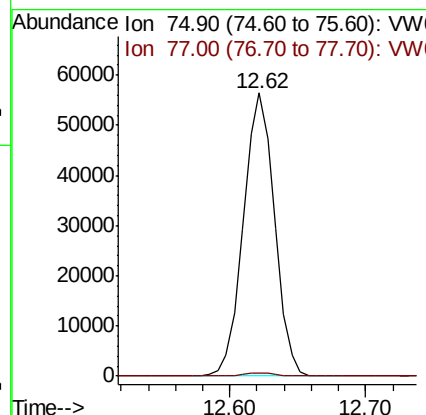
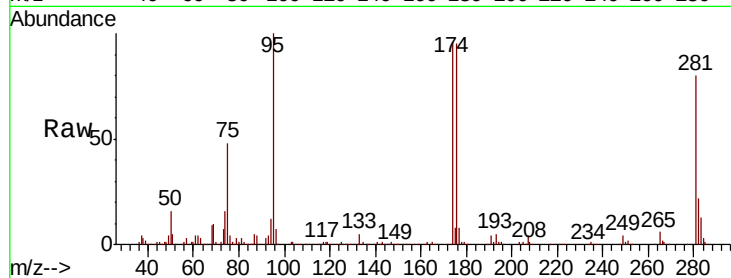




#76
 1,2,3-Trichloropropane
 Concen: 51.145 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006848.D
 Acq: 13 Nov 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 90131
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.511 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006848.D
 Acq: 13 Nov 2018 12:29

Tgt Ion: 75 Resp: 90131
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.7 38.7 58.1#

