

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
 Data File : VW004534.D
 Acq On : 08 Aug 2018 18:34
 Operator : SY/AP
 Sample : VW0810SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBL01

Quant Time: Aug 09 05:14:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	639976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1072636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1049407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	504178	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	373701	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
35) Dibromofluoromethane	7.89	113	349704	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.33	98	1277126	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
62) 4-Bromofluorobenzene	12.62	95	435064	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	

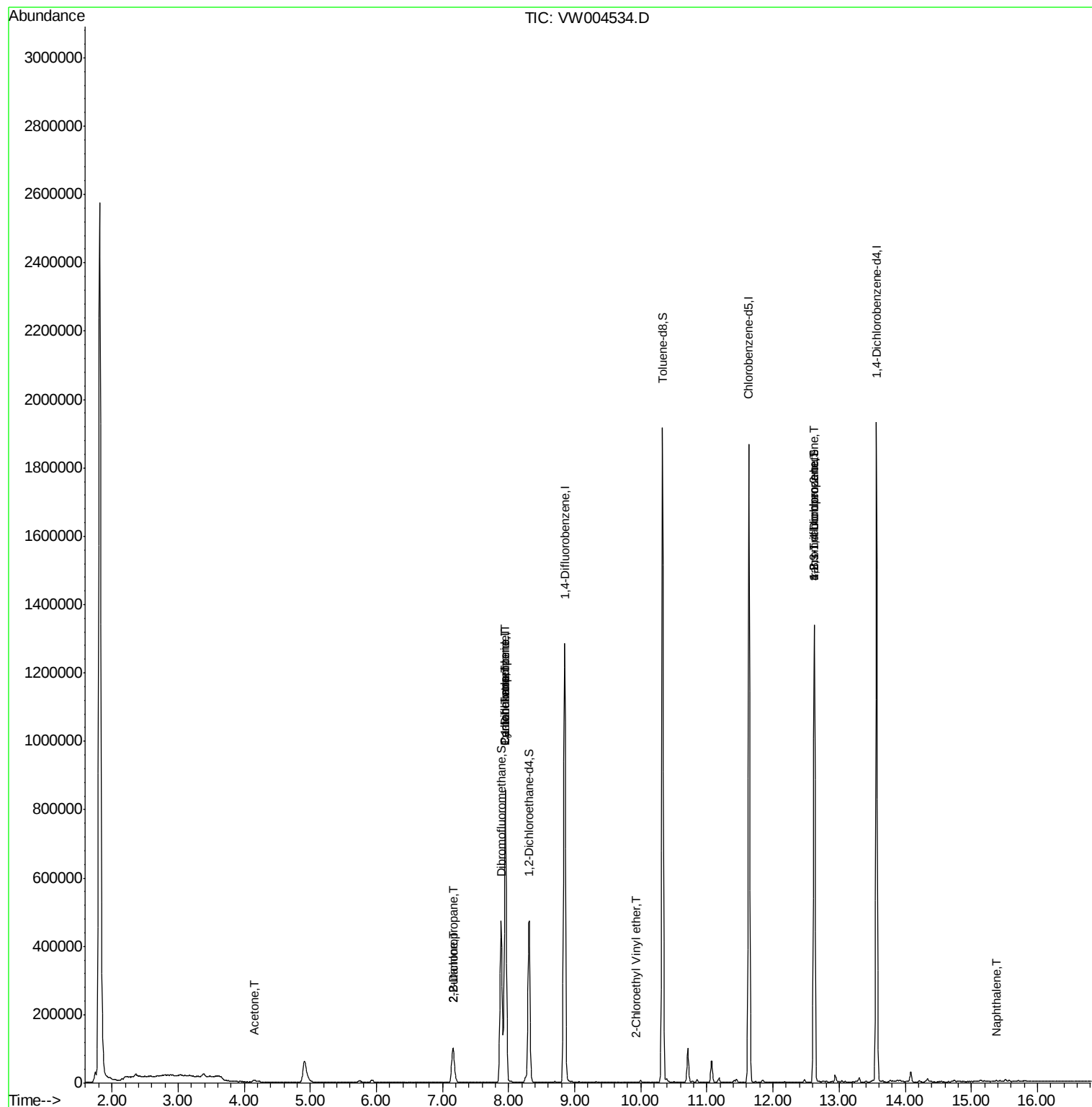
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	13193	7.457	ug/l	92
20) Methylene Chloride	4.92	84	60518	Below Cal		97
25) 2-Butanone	7.15	43	6124	2.152	ug/l #	74
26) 2,2-Dichloropropane	7.15	77	7683	1.055	ug/l #	50
31) Cyclohexane	7.95	56	13867	1.045	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	51586	4.467	ug/l #	49
38) Carbon Tetrachloride	7.95	117	61726	5.939	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	74	8.962	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	211587	40.556	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	211587	97.086	ug/l #	13
95) Naphthalene	15.38	128	2649	3.025	ug/l	96

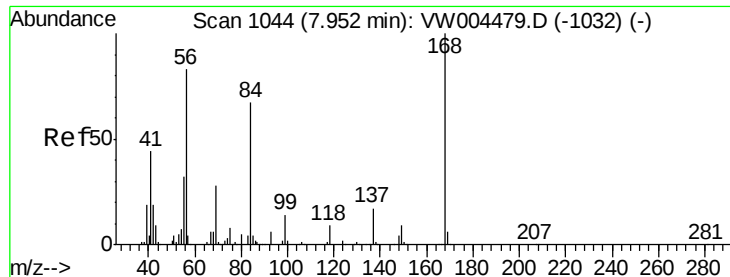
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
Data File : VW004534.D
Acq On : 08 Aug 2018 18:34
Operator : SY/AP
Sample : VW0810SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBL01

Quant Time: Aug 09 05:14:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 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: VW004534.D

Acq: 08 Aug 2018 18:34

Instrument :

MSVOA_W

ClientSampleId :

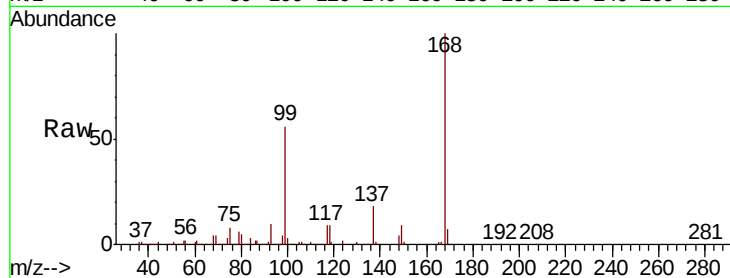
VW0810SBL01

Tgt Ion:168 Resp: 639976

Ion Ratio Lower Upper

168 100

99 56.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

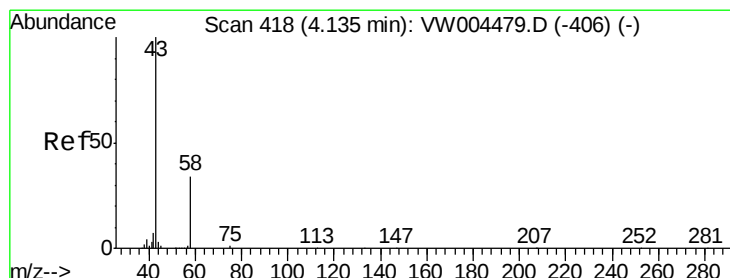
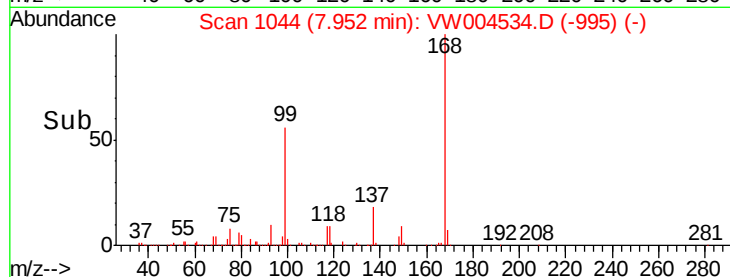
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.457 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.02 min

Lab File: VW004534.D

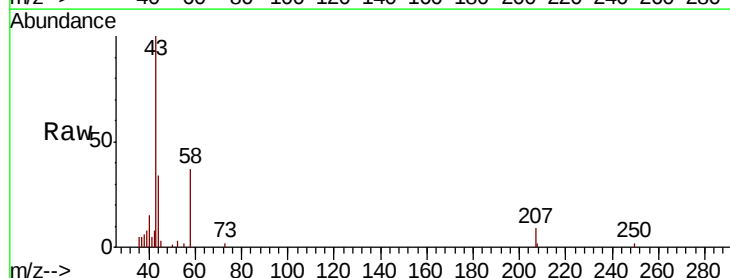
Acq: 08 Aug 2018 18:34

Tgt Ion: 43 Resp: 13193

Ion Ratio Lower Upper

43 100

58 38.3 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

4000

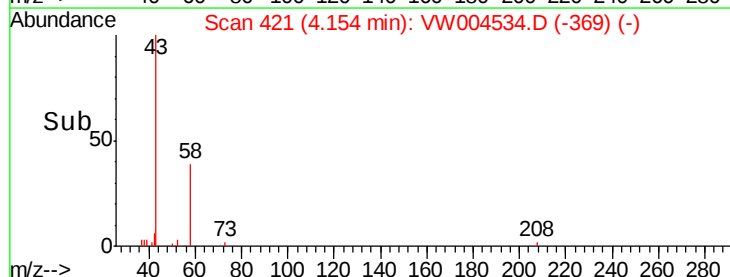
3000

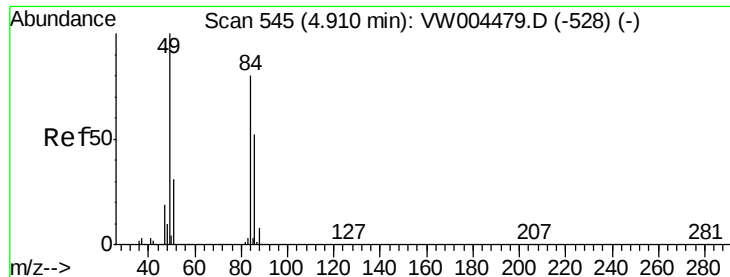
2000

1000

0

Time-->

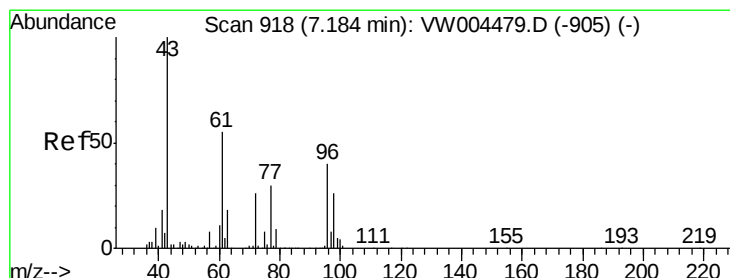
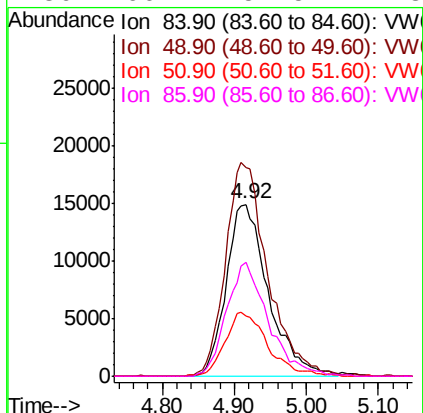
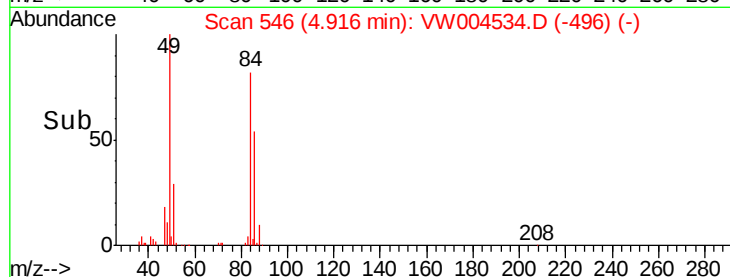
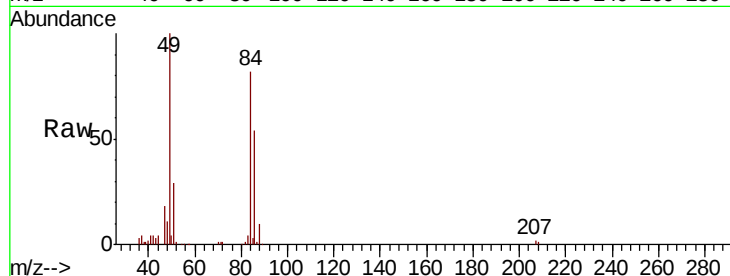




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004534.D
Acq: 08 Aug 2018 18:34

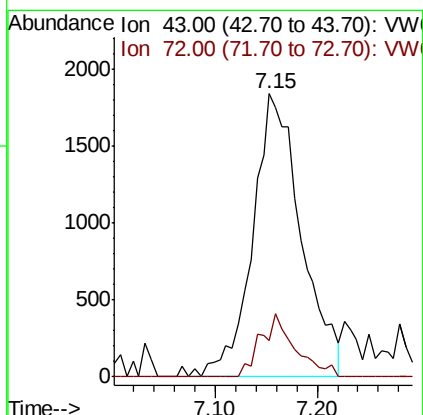
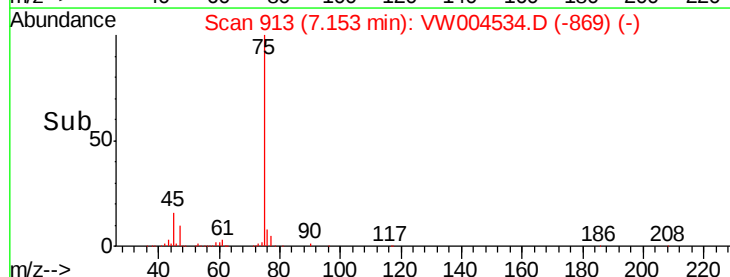
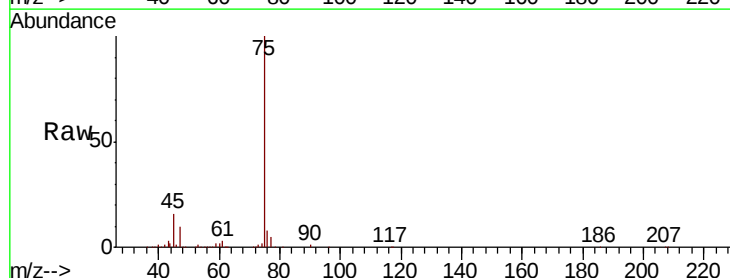
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBL01

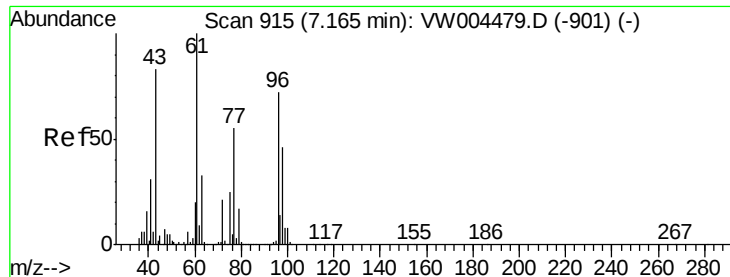
Tgt Ion: 84 Resp: 60518
Ion Ratio Lower Upper
84 100
49 121.0 99.6 149.4
51 34.4 31.0 46.4
86 66.1 51.5 77.3



#25
2-Butanone
Concen: 2.152 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW004534.D
Acq: 08 Aug 2018 18:34

Tgt Ion: 43 Resp: 6124
Ion Ratio Lower Upper
43 100
72 12.9 21.0 31.6#





#26

2,2-Dichloropropane

Concen: 1.055 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW004534.D

Acq: 08 Aug 2018 18:34

Instrument :

MSVOA_W

ClientSampleId :

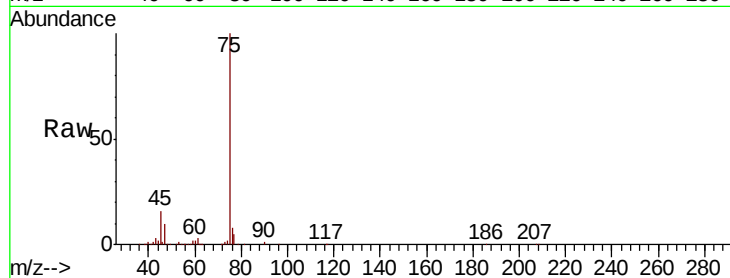
VW0810SBL01

Tgt Ion: 77 Resp: 7683

Ion Ratio Lower Upper

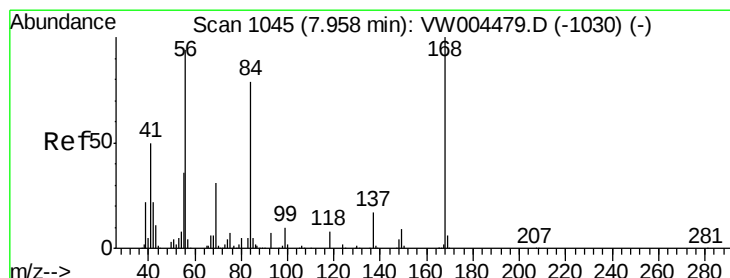
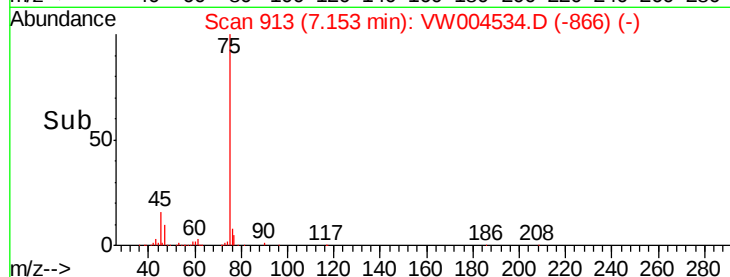
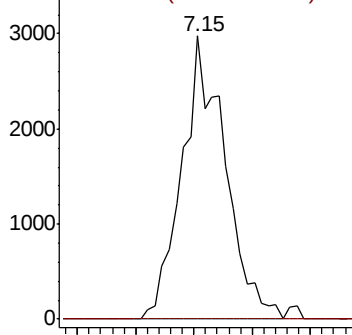
77 100

97 0.0 12.5 37.5#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#31

Cyclohexane

Concen: 1.045 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004534.D

Acq: 08 Aug 2018 18:34

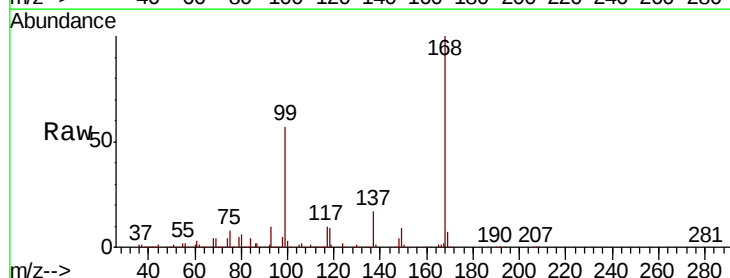
Tgt Ion: 56 Resp: 13867

Ion Ratio Lower Upper

56 100

69 191.0 26.4 39.6#

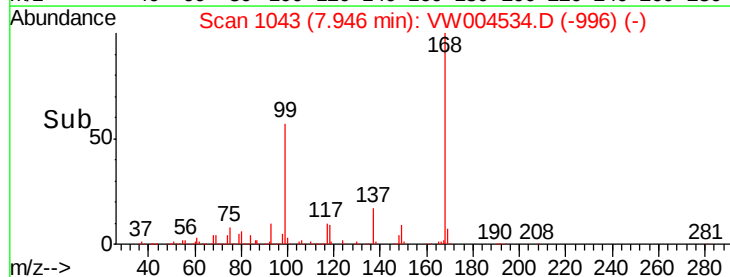
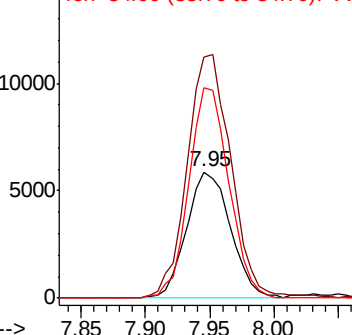
84 167.2 66.9 100.3#

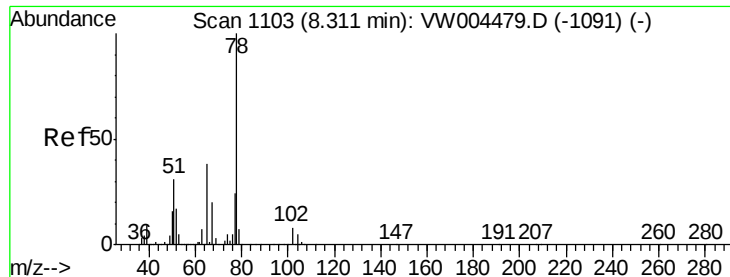


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

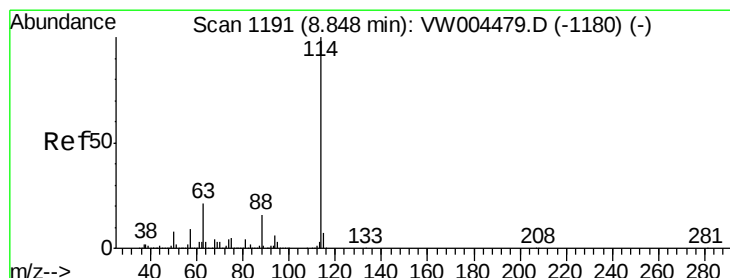
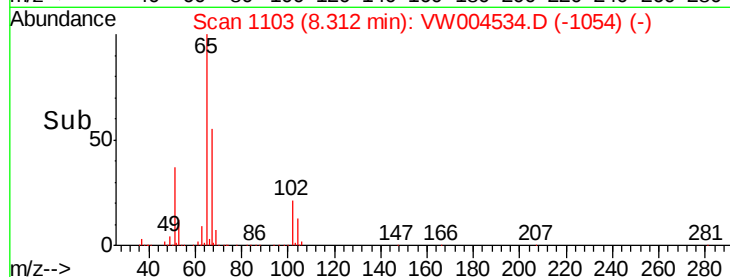
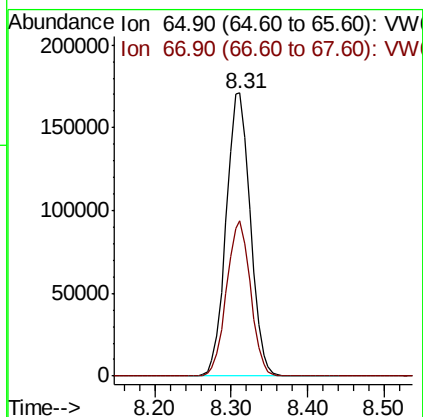
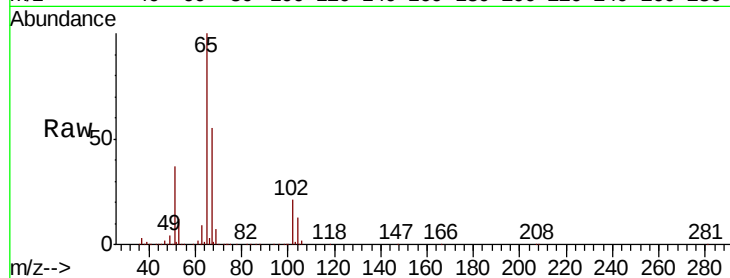




#33
 1,2-Dichloroethane-d4
 Concen: 52.750 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004534.D
 Acq: 08 Aug 2018 18:34

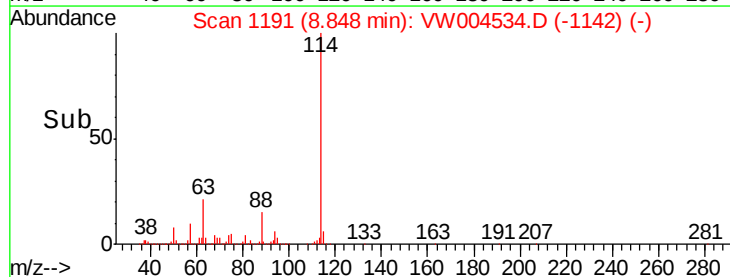
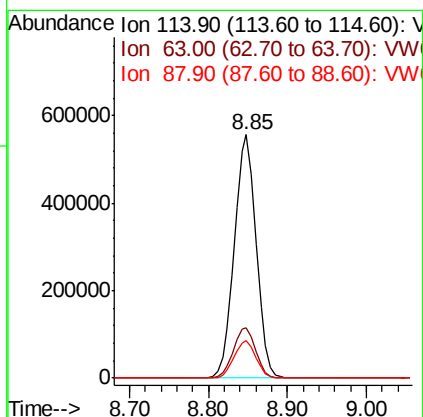
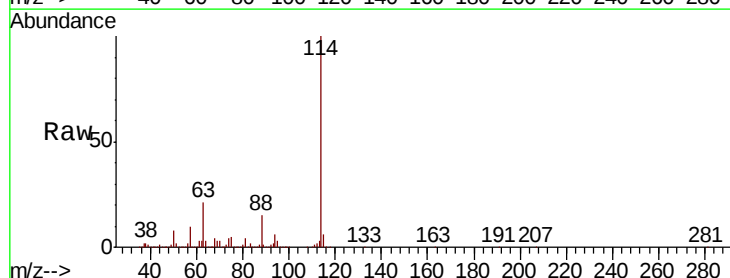
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBL01

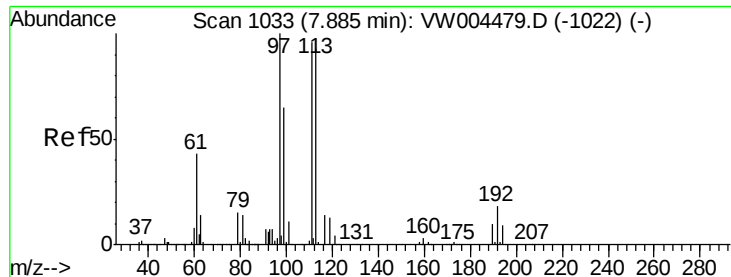
Tgt Ion: 65 Resp: 373701
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004534.D
 Acq: 08 Aug 2018 18:34

Tgt Ion: 114 Resp: 1072636
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.3 0.0 31.2

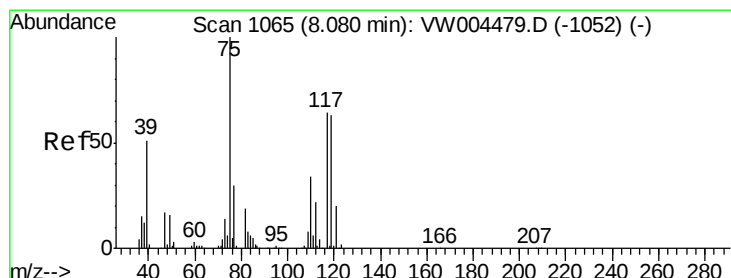
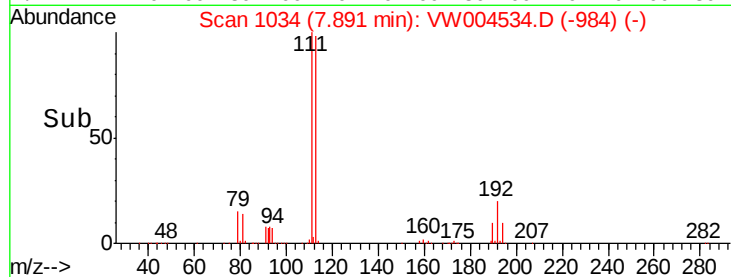
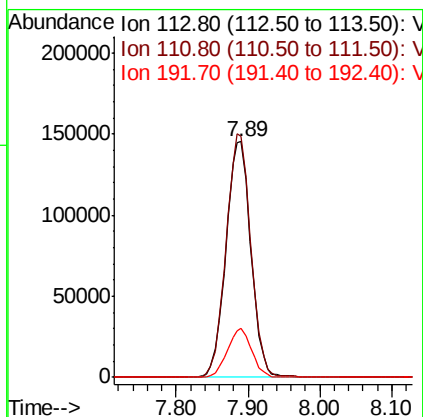
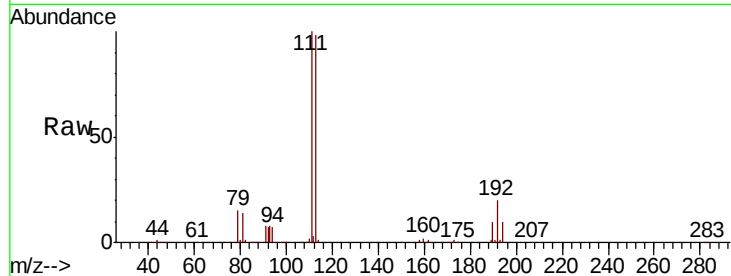




#35
 Dibromofluoromethane
 Concen: 48.896 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004534.D
 Acq: 08 Aug 2018 18:34

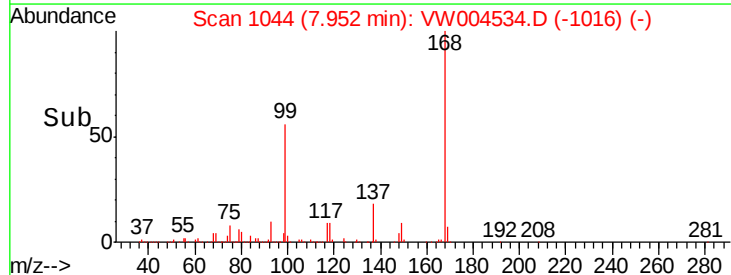
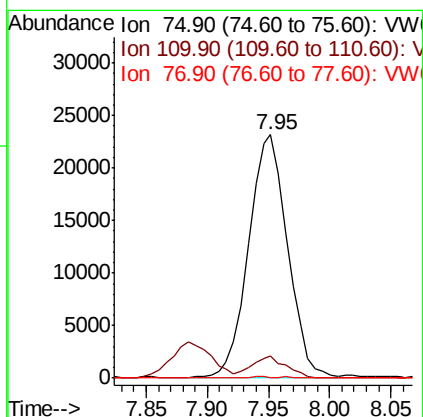
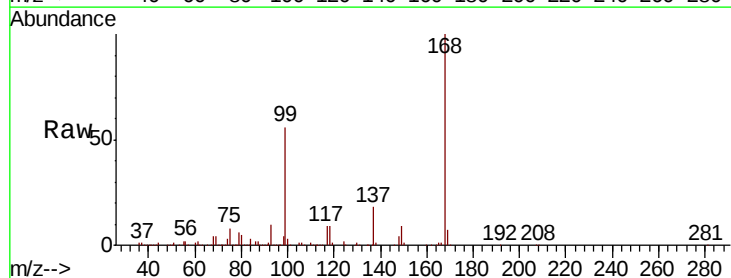
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBL01

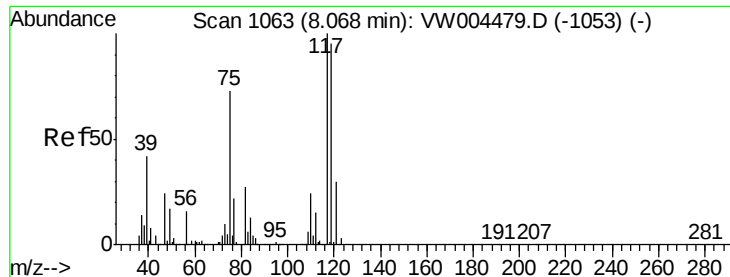
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	20.2	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.467 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004534.D
 Acq: 08 Aug 2018 18:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.4	52.2#
77	0.3	24.7	37.1#

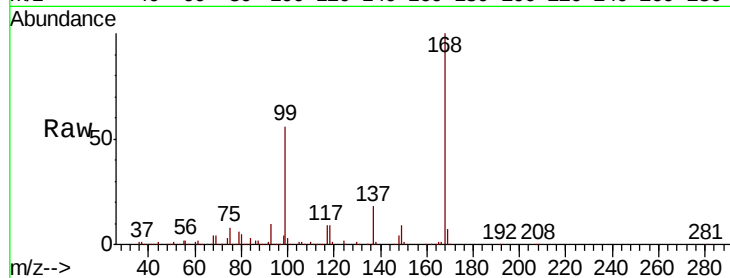




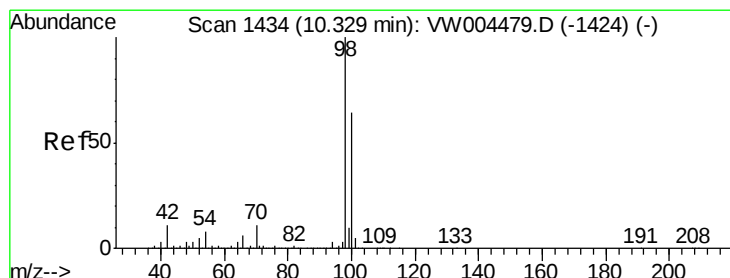
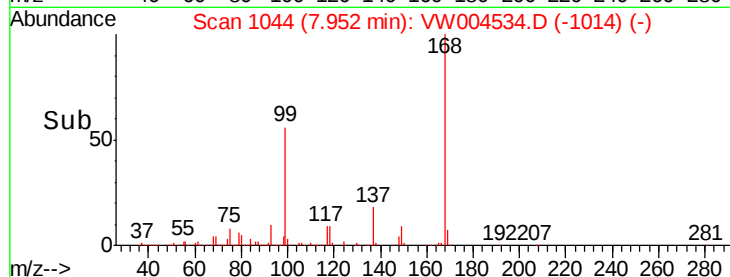
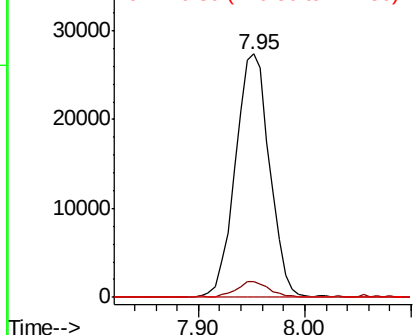
#38
Carbon Tetrachloride
Concen: 5.939 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004534.D
Acq: 08 Aug 2018 18:34

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBL01

Tgt Ion:117 Resp: 61726
Ion Ratio Lower Upper
117 100
119 6.5 76.1 114.1#
121 0.0 24.2 36.4#

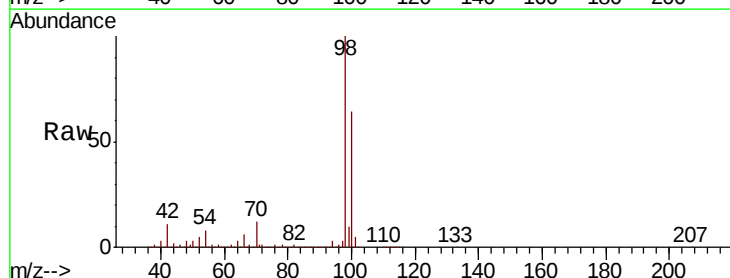


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

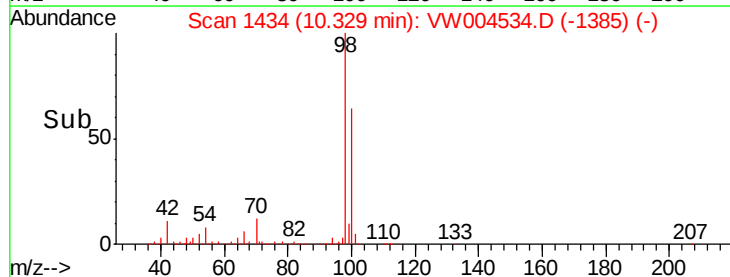
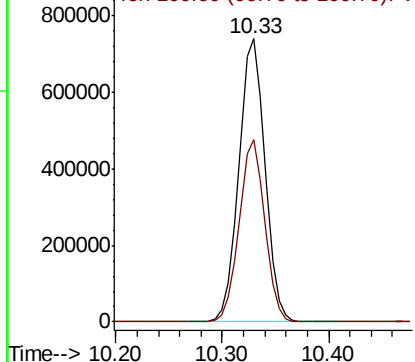


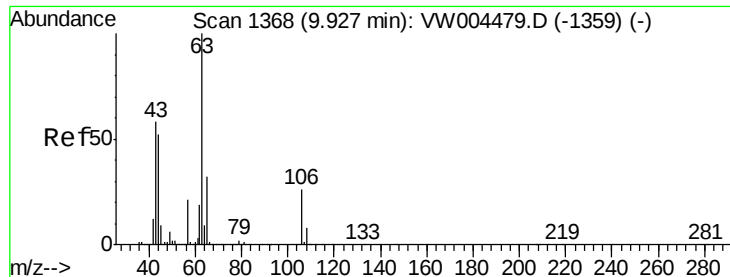
#50
Toluene-d8
Concen: 46.839 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004534.D
Acq: 08 Aug 2018 18:34

Tgt Ion: 98 Resp: 1277126
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

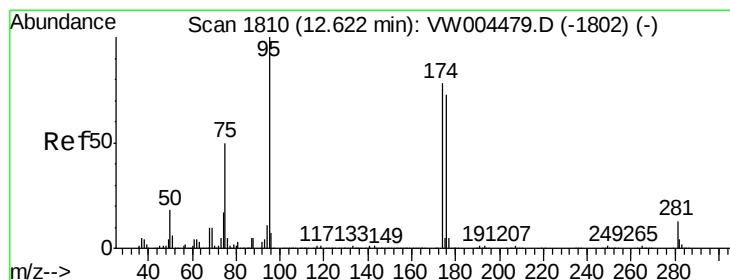
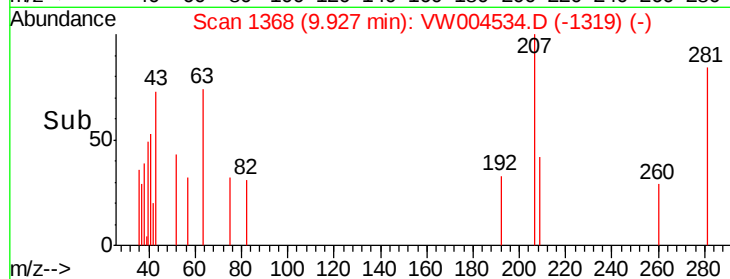
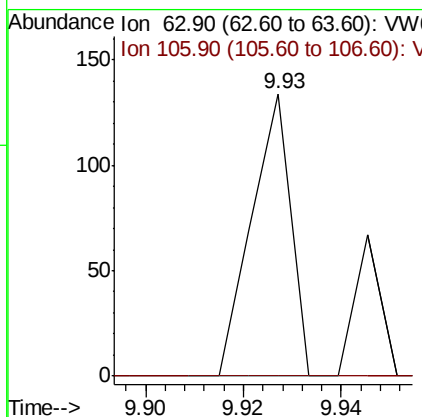
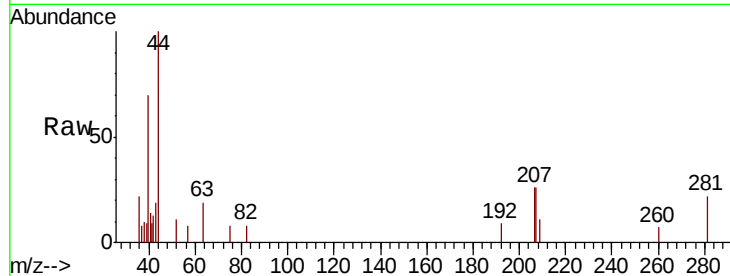




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.962 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004534.D
 Acq: 08 Aug 2018 18:34

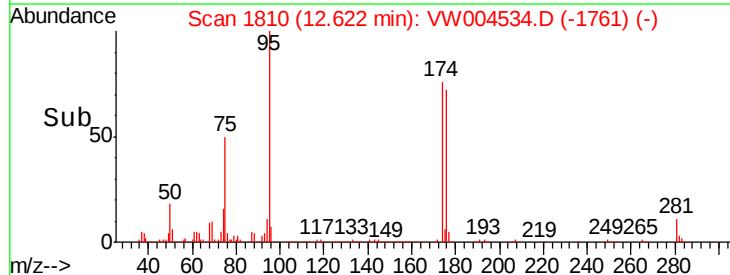
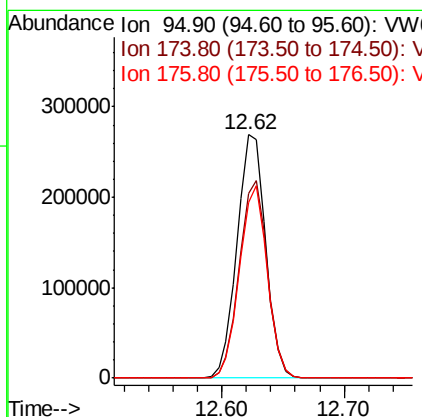
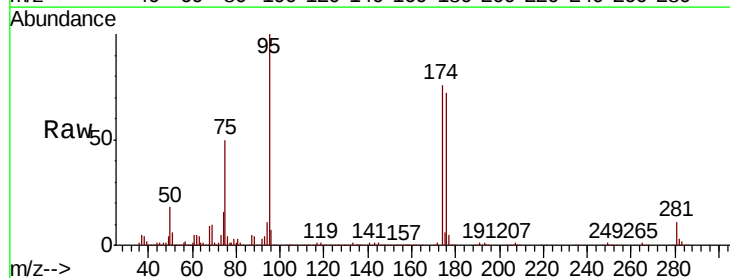
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBL01

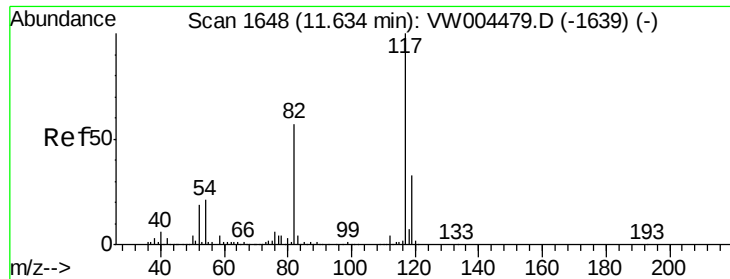
Tgt Ion: 63 Resp: 74
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 44.296 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004534.D
 Acq: 08 Aug 2018 18:34

Tgt Ion: 95 Resp: 435064
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 160.4
 176 77.0 0.0 153.2

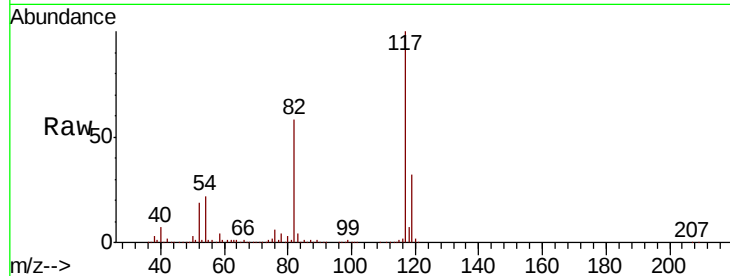




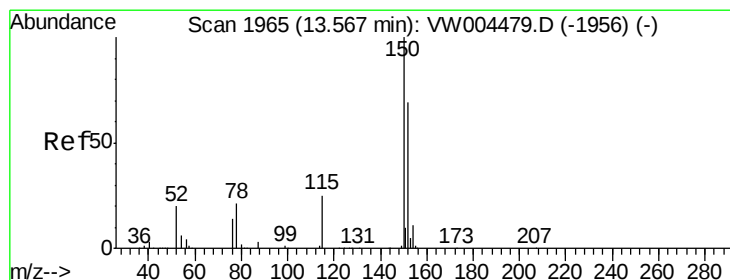
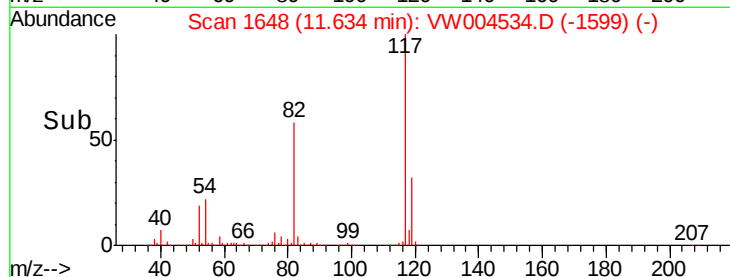
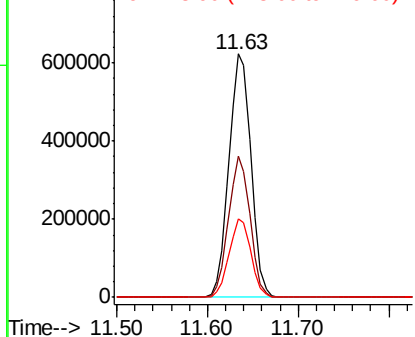
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004534.D
Acq: 08 Aug 2018 18:34

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBL01

Tgt Ion:117 Resp: 1049407
Ion Ratio Lower Upper
117 100
82 57.8 45.3 67.9
119 32.5 26.2 39.4

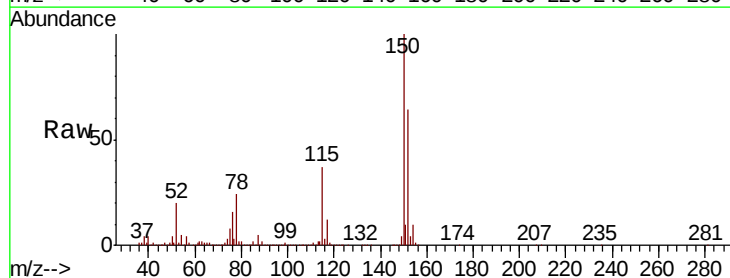


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

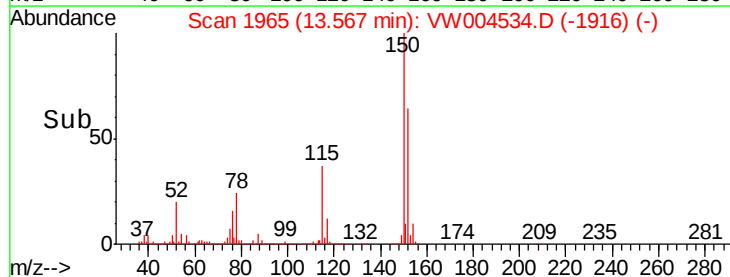
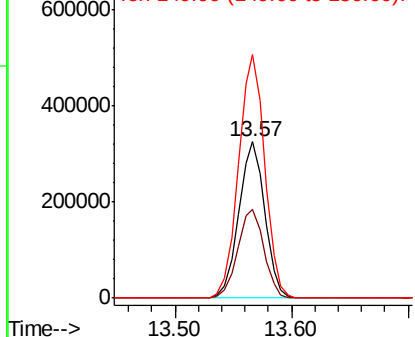


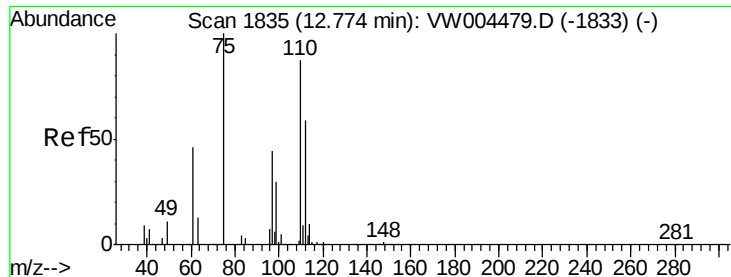
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004534.D
Acq: 08 Aug 2018 18:34

Tgt Ion:152 Resp: 504178
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.3
150 157.1 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 40.556 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004534.D

Acq: 08 Aug 2018 18:34

Instrument :

MSVOA_W

ClientSampleId :

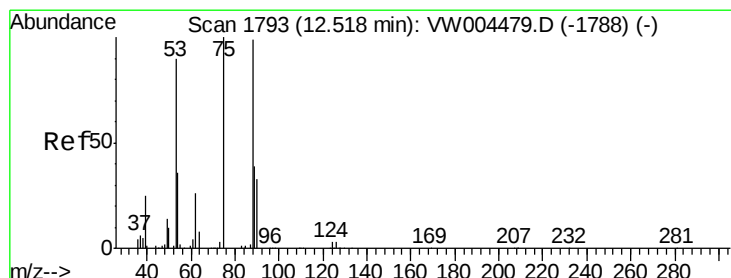
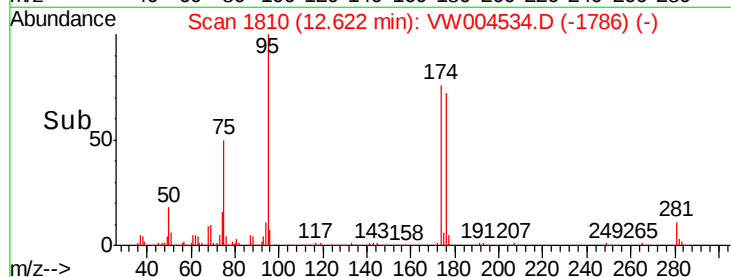
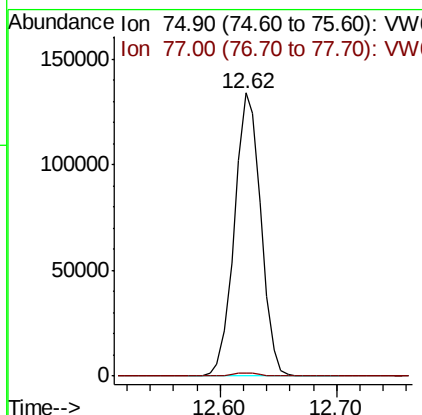
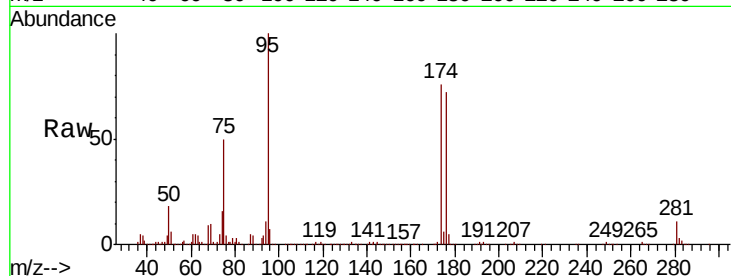
VW0810SBL01

Tgt Ion: 75 Resp: 211587

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.086 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004534.D

Acq: 08 Aug 2018 18:34

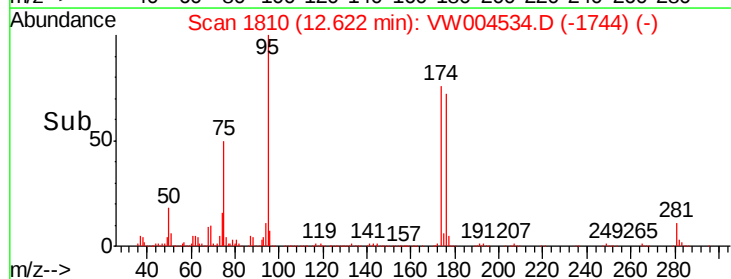
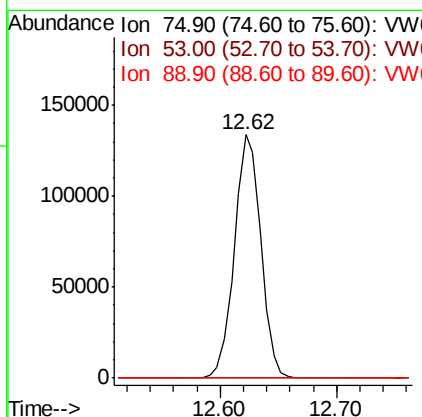
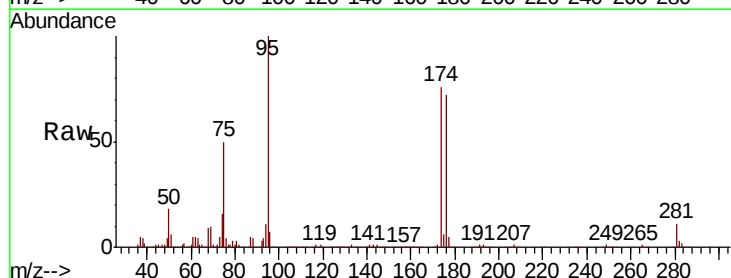
Tgt Ion: 75 Resp: 211587

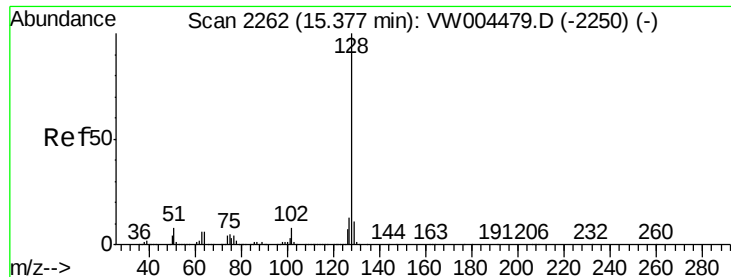
Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

89 0.0 35.9 53.9#

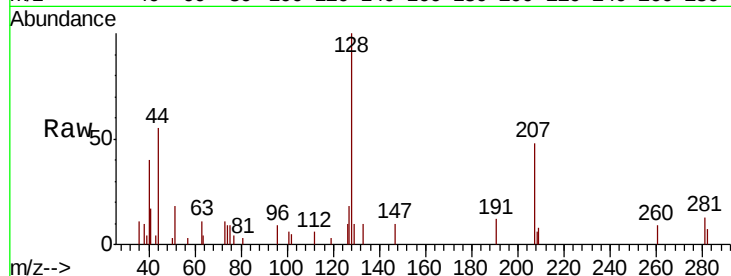




#95
Naphthalene
Concen: 3.025 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VW004534.D
Acq: 08 Aug 2018 18:34

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBL01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.3	15.5
129	9.4	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

