

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
 Data File : VW004542.D
 Acq On : 08 Aug 2018 22:01
 Operator : SY/AP
 Sample : J4313-03RE
 Misc : 4.58G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-6RE

Quant Time: Aug 09 05:16:36 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	518049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	863901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	694636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	207703	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	352166	61.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.82%	
35) Dibromofluoromethane	7.89	113	323870	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	
50) Toluene-d8	10.33	98	959507	43.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.38%	
62) 4-Bromofluorobenzene	12.62	95	220332	27.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.70%	

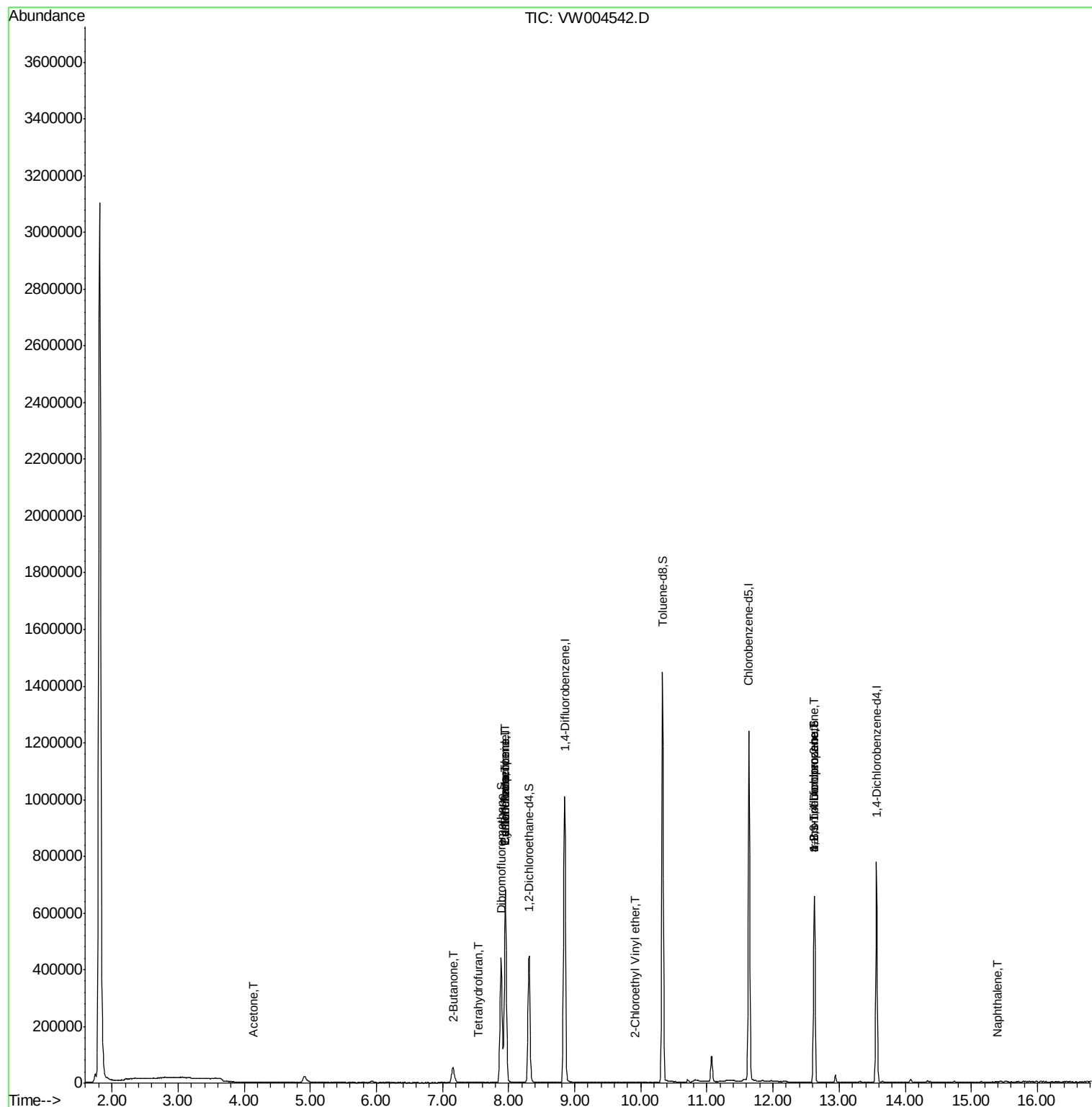
Target Compounds						Qvalue
16) Acetone	4.15	43	2505	1.749	ug/l #	83
20) Methylene Chloride	4.91	84	20226	Below Cal		93
25) 2-Butanone	7.15	43	3304	1.434	ug/l #	79
29) Tetrahydrofuran	7.55	42	1691	1.420	ug/l	97
31) Cyclohexane	7.96	56	11480	1.069	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	40642	4.369	ug/l #	48
38) Carbon Tetrachloride	7.95	117	48717	5.820	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.91	63	24	8.951	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	106851	49.715	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	106851	119.011	ug/l #	13
95) Naphthalene	15.38	128	1043	3.021	ug/l #	72

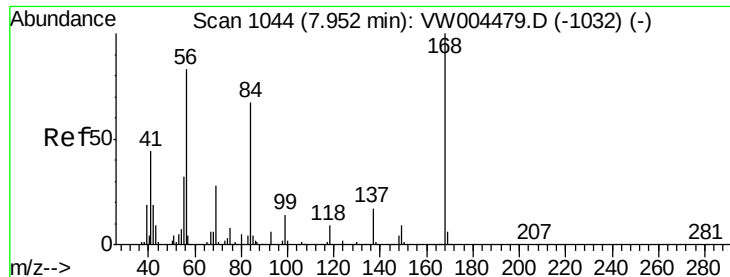
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
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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: VW004542.D

Acq: 08 Aug 2018 22:01

Instrument :

MSVOA_W

ClientSampled :

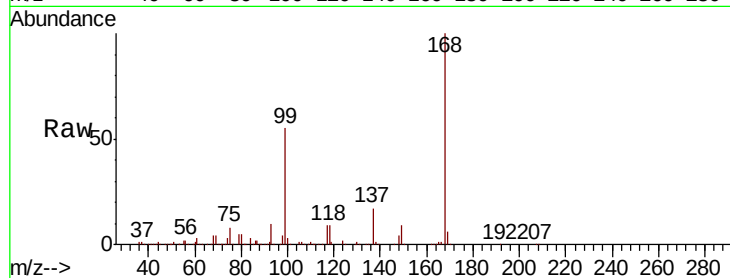
C-6RE

Tgt Ion:168 Resp: 518049

Ion Ratio Lower Upper

168 100

99 55.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

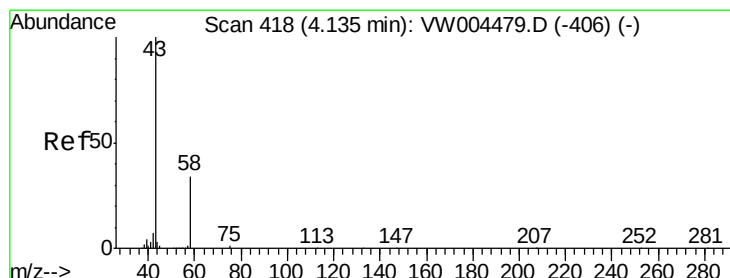
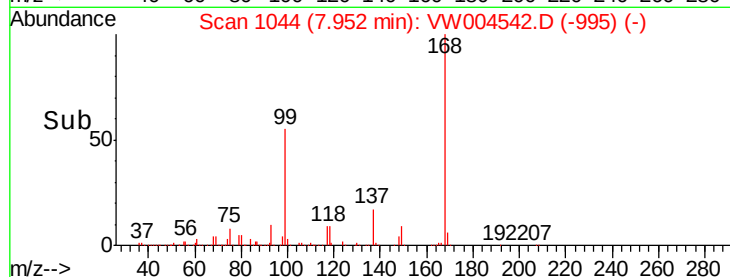
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.749 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW004542.D

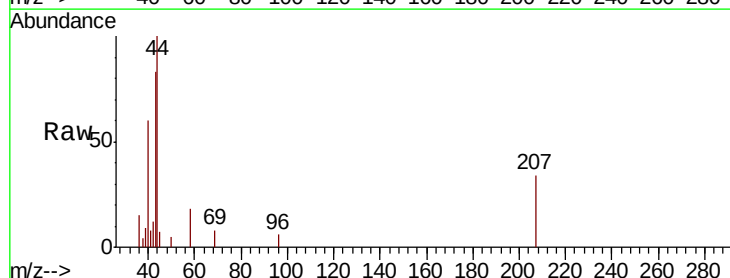
Acq: 08 Aug 2018 22:01

Tgt Ion: 43 Resp: 2505

Ion Ratio Lower Upper

43 100

58 24.0 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

1200

1000

800

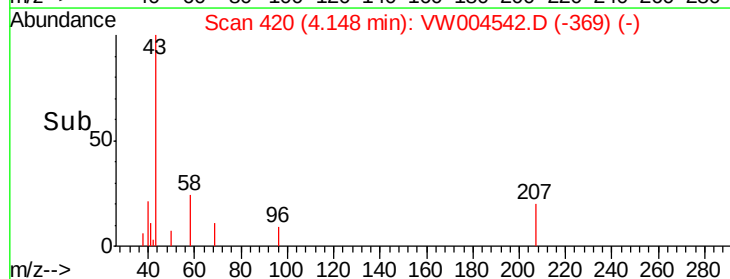
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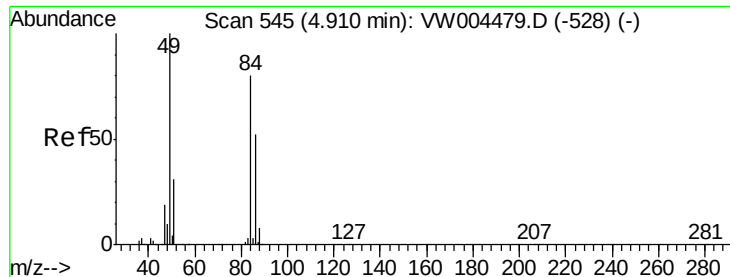
400

200

0

Time-->

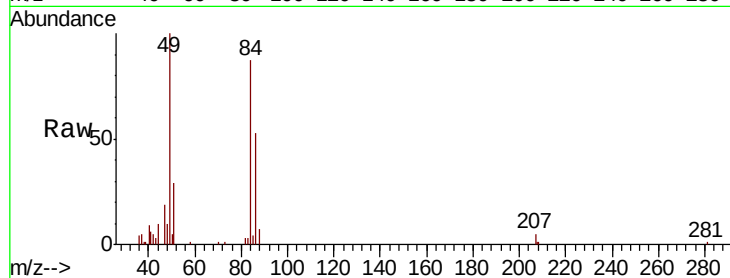




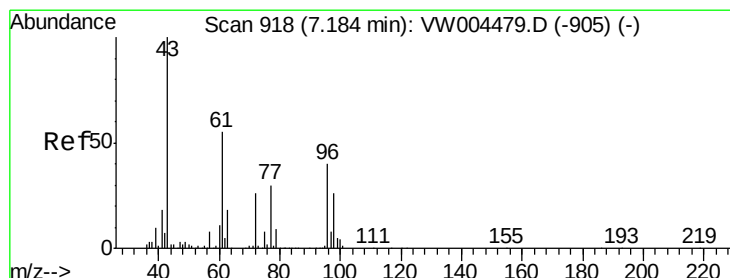
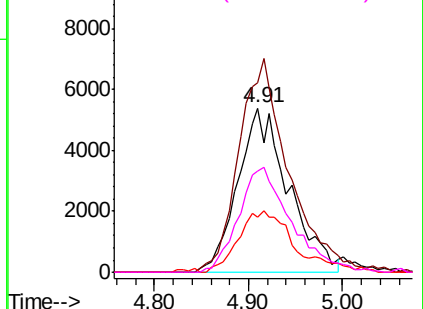
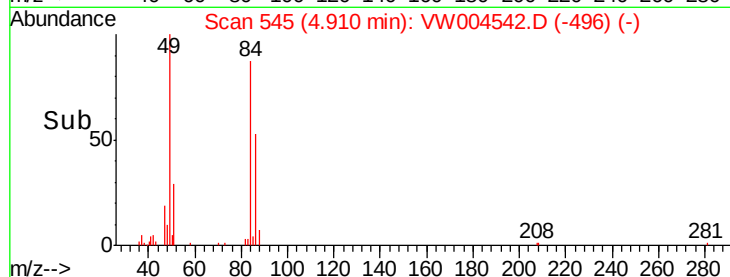
#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004542.D
Acq: 08 Aug 2018 22:01

Instrument :
MSVOA_W
ClientSampled :
C-6RE

Tgt Ion: 84 Resp: 20226
Ion Ratio Lower Upper
84 100
49 115.2 99.6 149.4
51 32.2 31.0 46.4
86 61.5 51.5 77.3

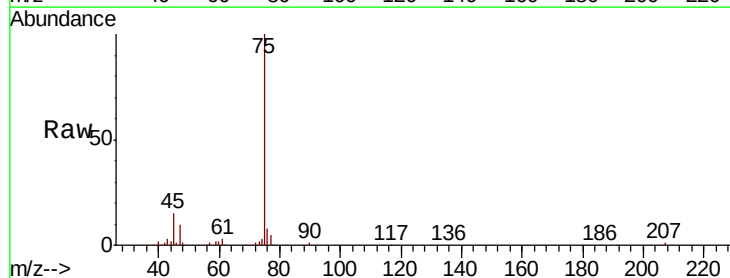


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

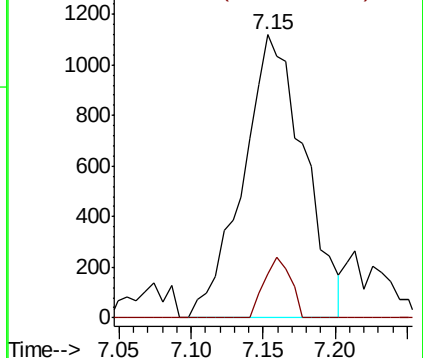
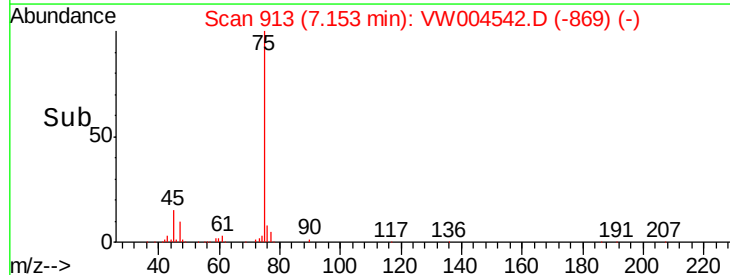


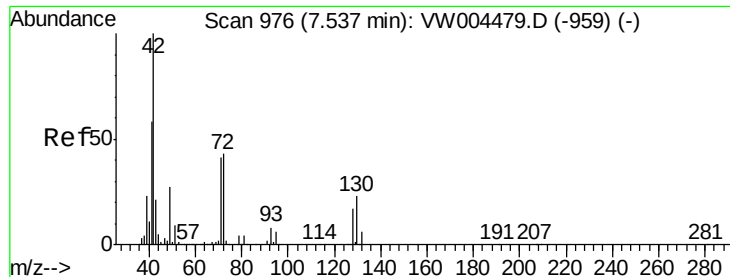
#25
2-Butanone
Concen: 1.434 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW004542.D
Acq: 08 Aug 2018 22:01

Tgt Ion: 43 Resp: 3304
Ion Ratio Lower Upper
43 100
72 15.7 21.0 31.6#



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

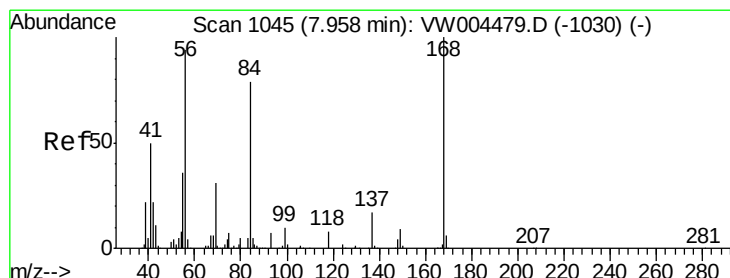
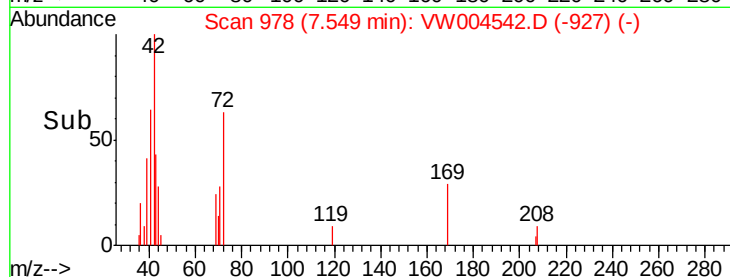
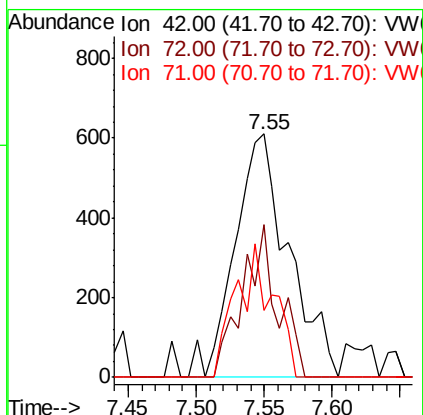
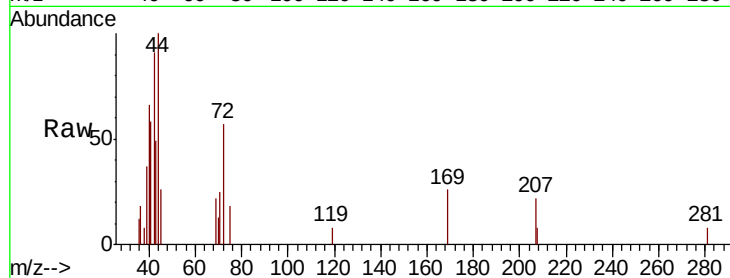




#29
Tetrahydrofuran
Concen: 1.420 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW004542.D
Acq: 08 Aug 2018 22:01

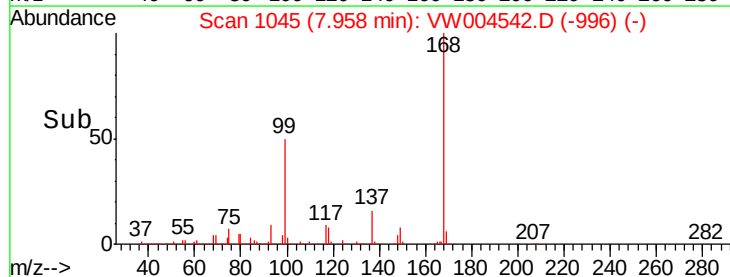
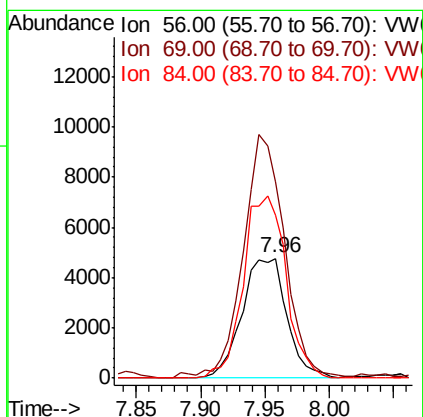
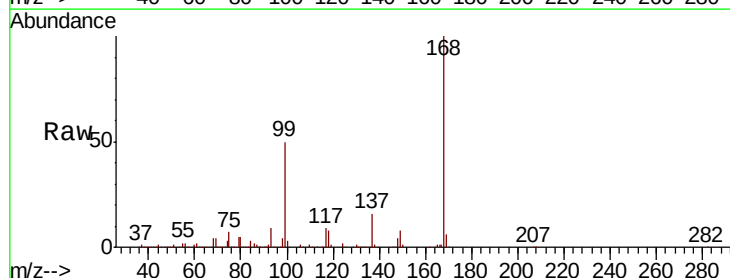
Instrument :
MSVOA_W
ClientSampleId :
C-6RE

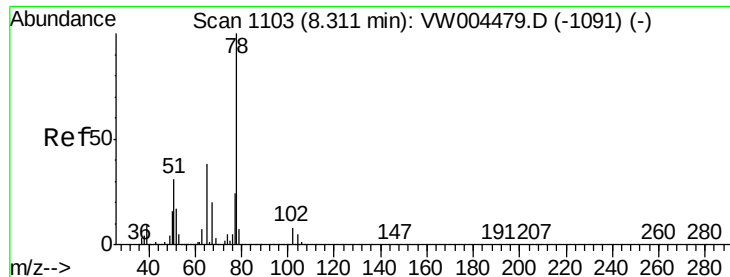
Tgt Ion: 42 Resp: 1691
Ion Ratio Lower Upper
42 100
72 41.2 34.1 51.1
71 37.8 32.5 48.7



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004542.D
Acq: 08 Aug 2018 22:01

Tgt Ion: 56 Resp: 11480
Ion Ratio Lower Upper
56 100
69 161.8 26.4 39.6#
84 136.3 66.9 100.3#

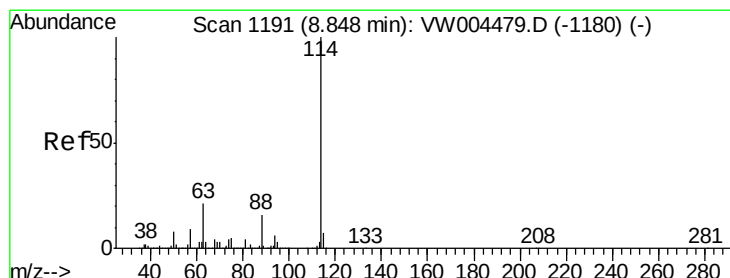
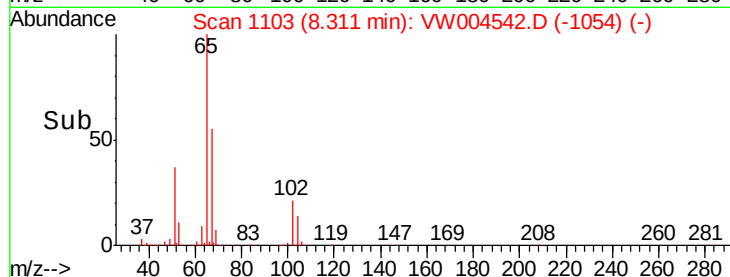
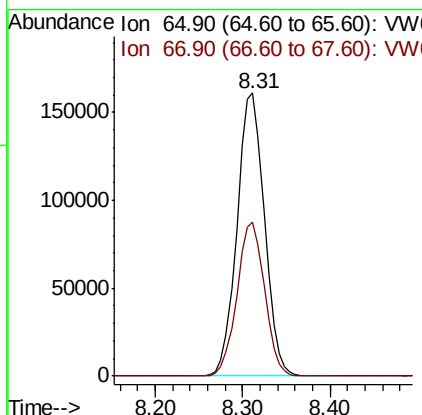
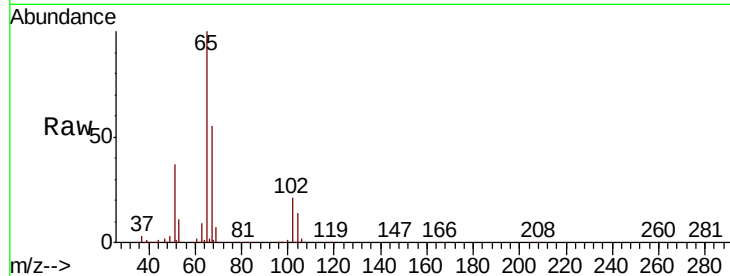




#33
 1,2-Dichloroethane-d4
 Concen: 61.410 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004542.D
 Acq: 08 Aug 2018 22:01

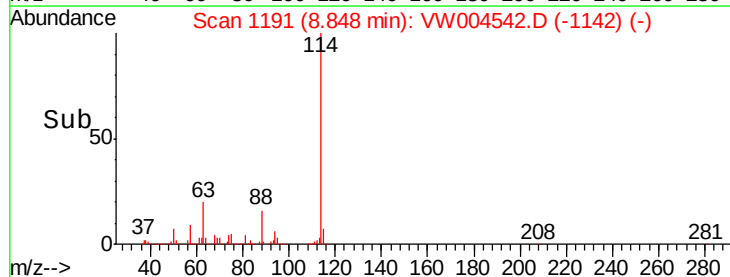
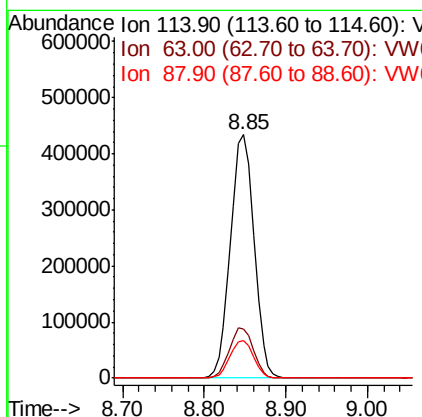
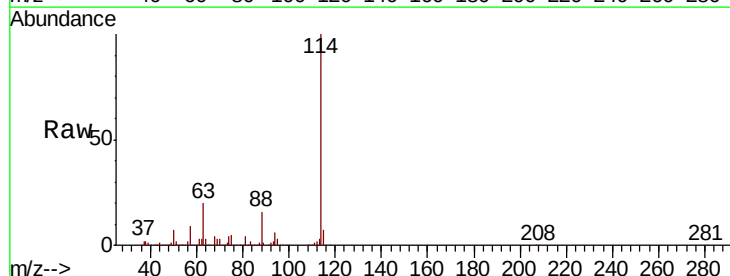
Instrument :
 MSVOA_W
 ClientSampleId :
 C-6RE

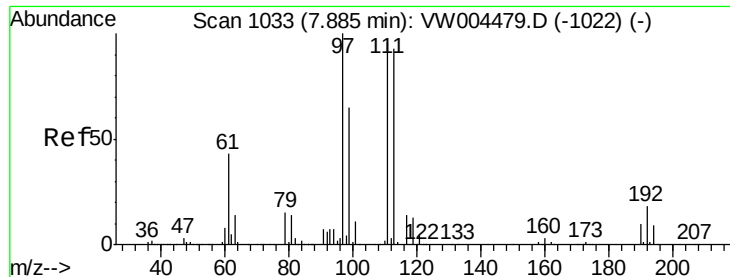
Tgt Ion: 65 Resp: 352166
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004542.D
 Acq: 08 Aug 2018 22:01

Tgt Ion: 114 Resp: 863901
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 56.225 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004542.D

Acq: 08 Aug 2018 22:01

Instrument :
MSVOA_W
ClientSampled :
C-6RE

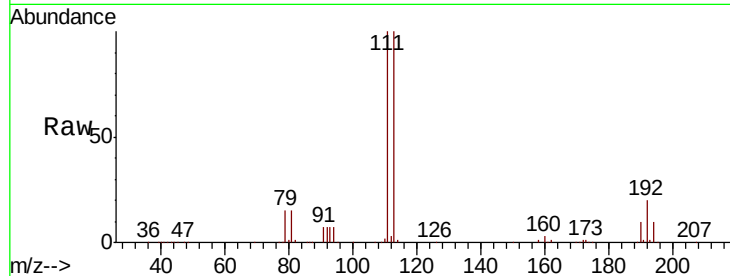
Tgt Ion:113 Resp: 323870

Ion Ratio Lower Upper

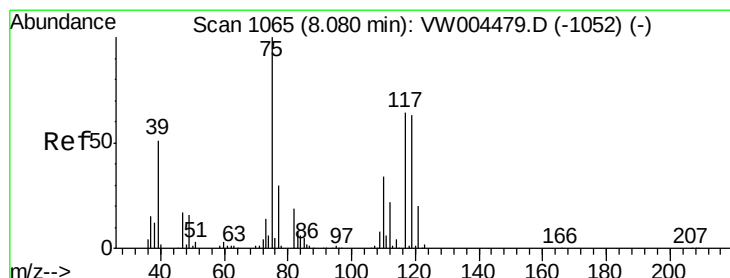
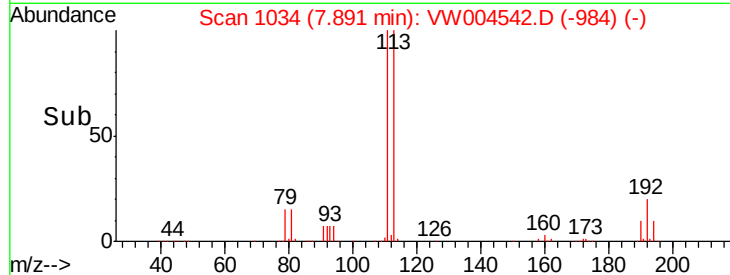
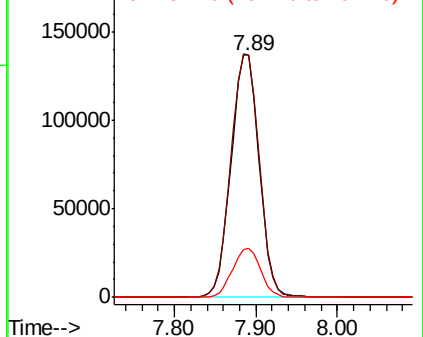
113 100

111 101.7 82.9 124.3

192 20.3 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: 4.369 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004542.D

Acq: 08 Aug 2018 22:01

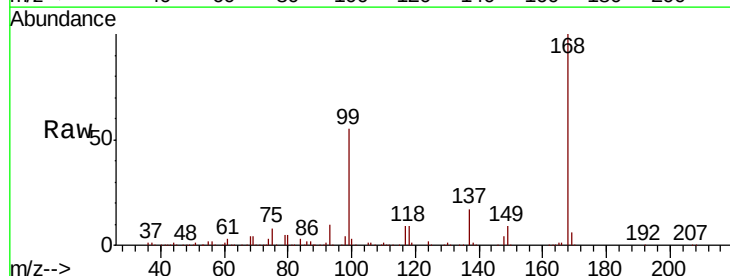
Tgt Ion: 75 Resp: 40642

Ion Ratio Lower Upper

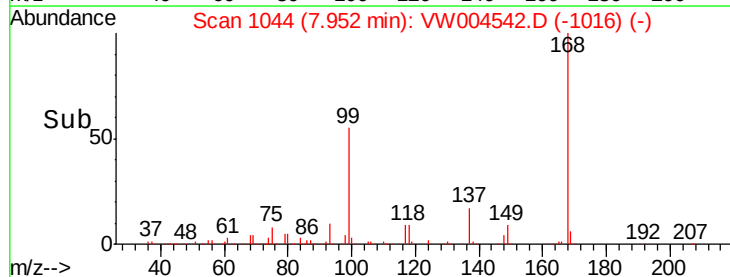
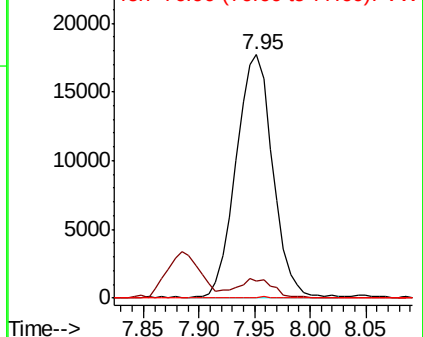
75 100

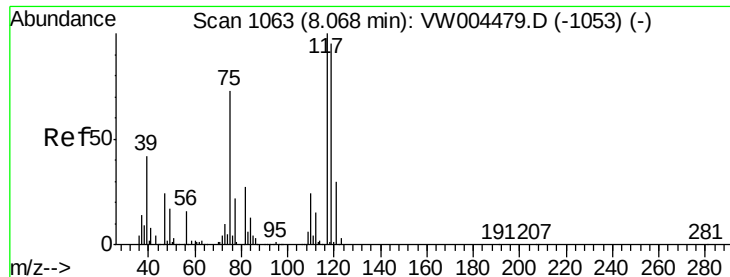
110 7.0 17.4 52.2#

77 0.1 24.7 37.1#



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

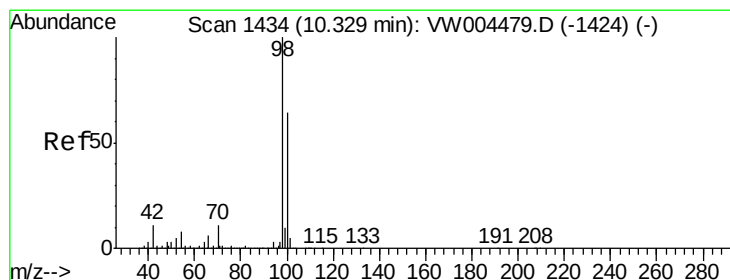
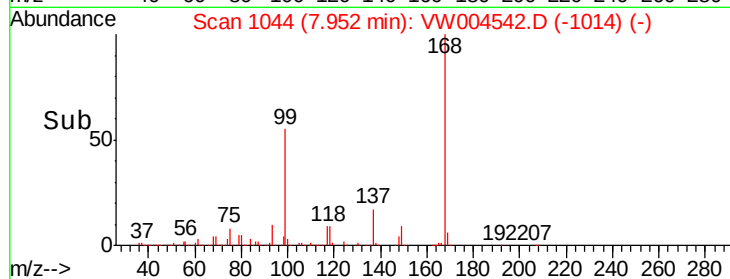
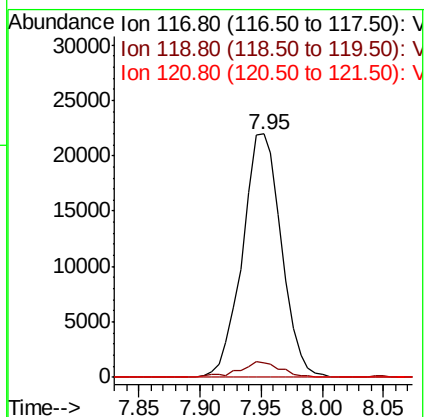
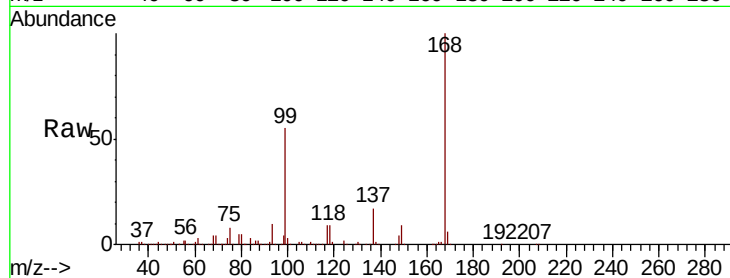




#38
Carbon Tetrachloride
Concen: 5.820 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004542.D
Acq: 08 Aug 2018 22:01

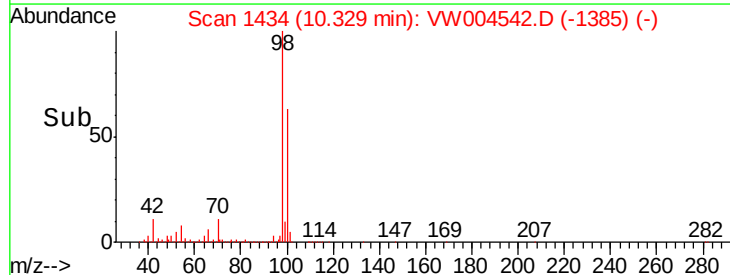
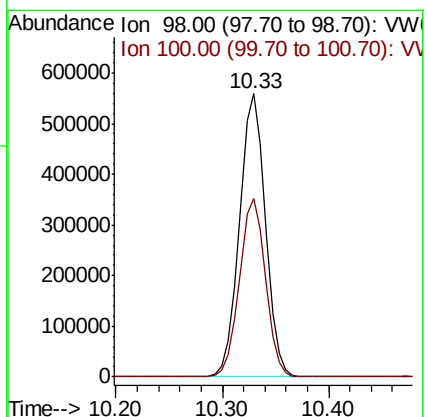
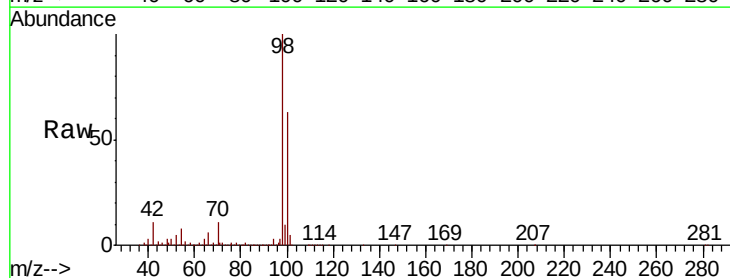
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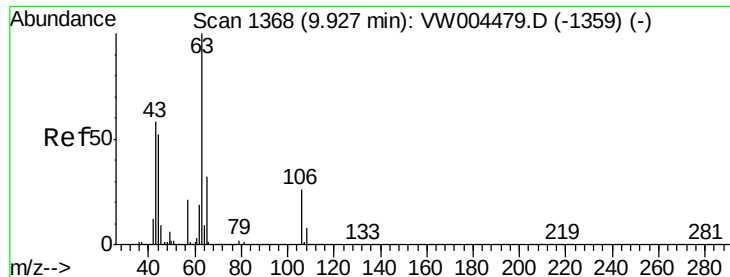
Tgt Ion:117 Resp: 48717
Ion Ratio Lower Upper
117 100
119 6.1 76.1 114.1#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 43.693 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004542.D
Acq: 08 Aug 2018 22:01

Tgt Ion: 98 Resp: 959507
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.2

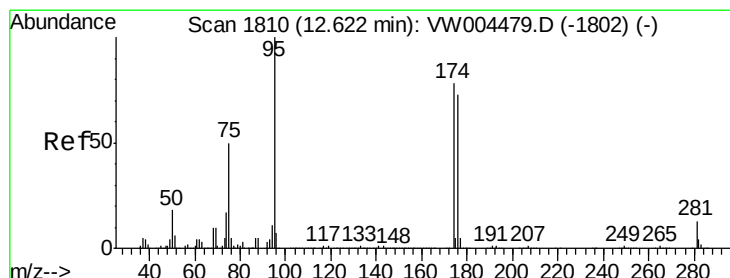
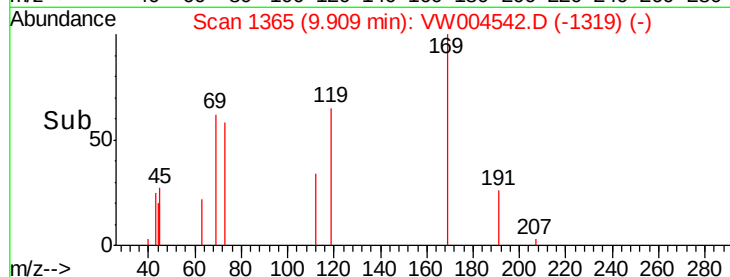
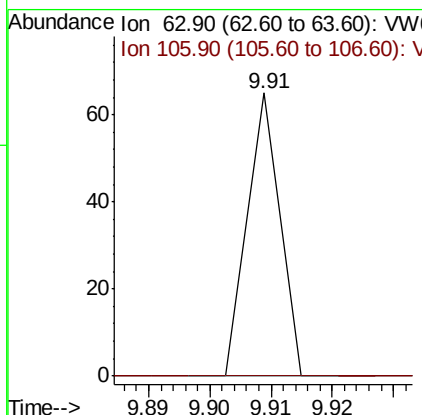
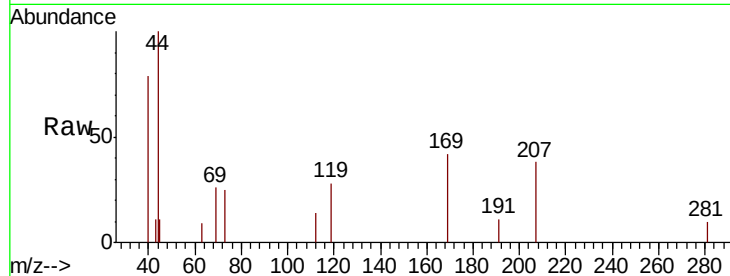




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.951 ug/l
 RT: 9.91 min Scan# 1365
 Delta R.T. -0.02 min
 Lab File: VW004542.D
 Acq: 08 Aug 2018 22:01

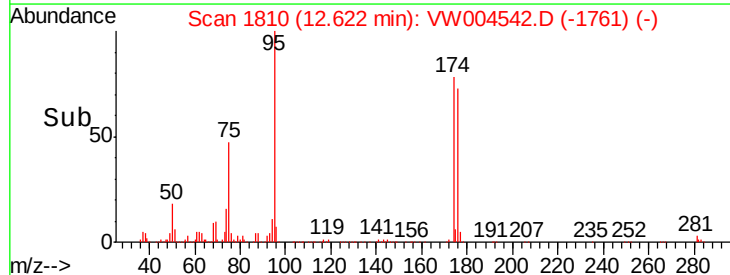
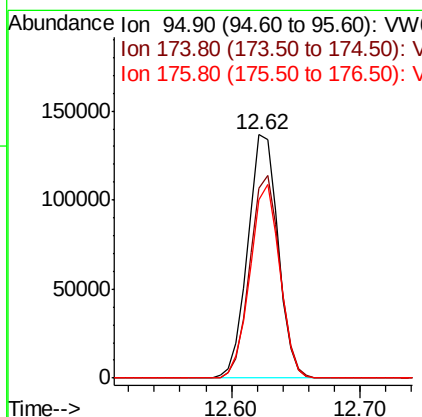
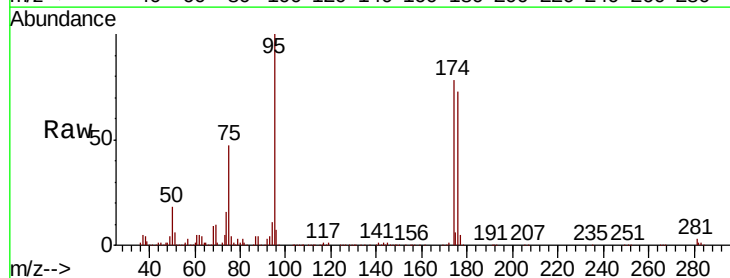
Instrument :
 MSVOA_W
 ClientSampled :
 C-6RE

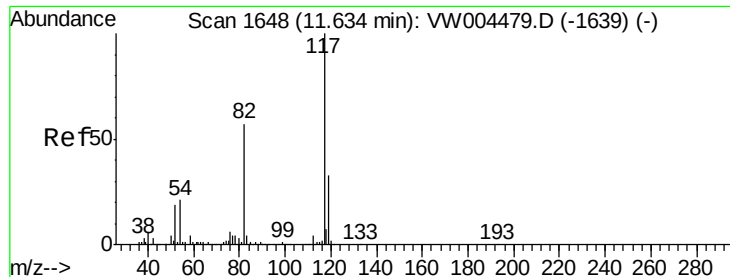
Tgt Ion: 63 Resp: 24
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 27.853 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004542.D
 Acq: 08 Aug 2018 22:01

Tgt Ion: 95 Resp: 220332
 Ion Ratio Lower Upper
 95 100
 174 82.6 0.0 160.4
 176 78.4 0.0 153.2

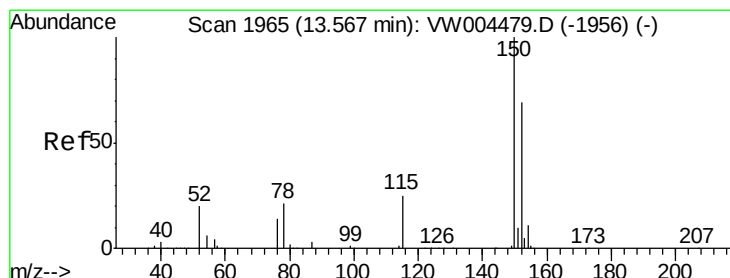
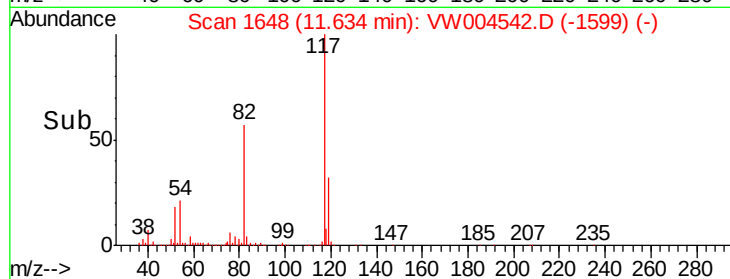
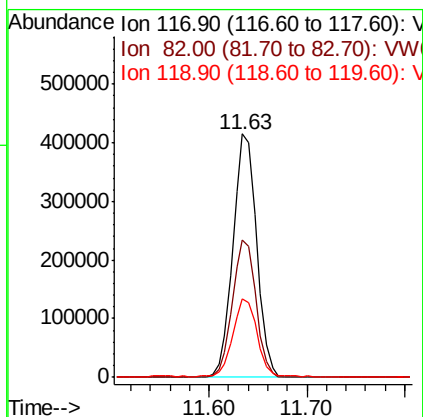
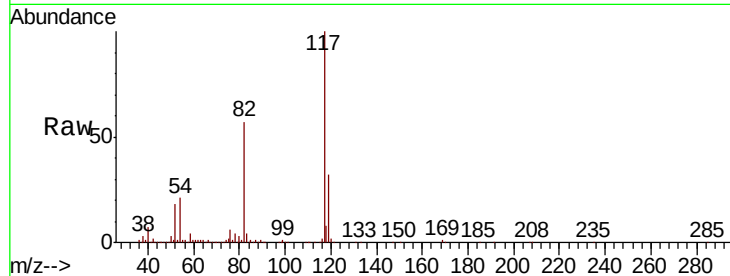




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004542.D
Acq: 08 Aug 2018 22:01

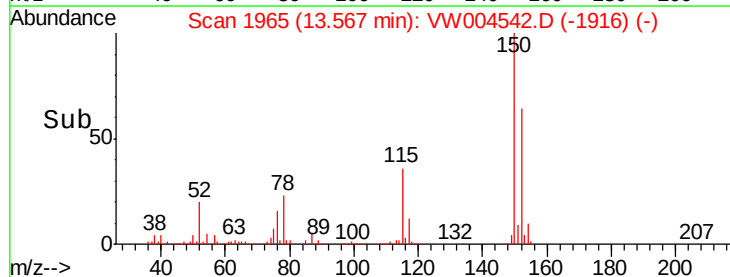
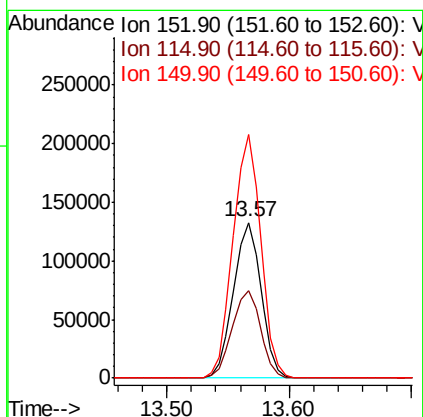
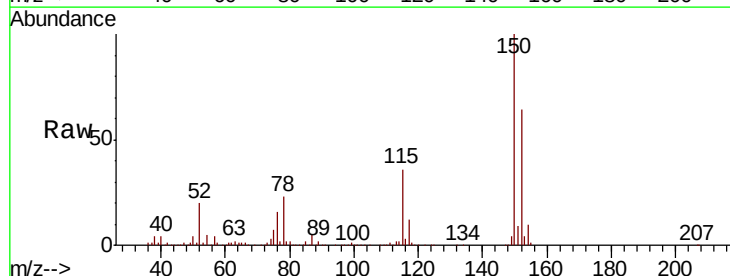
Instrument :
MSVOA_W
ClientSampled :
C-6RE

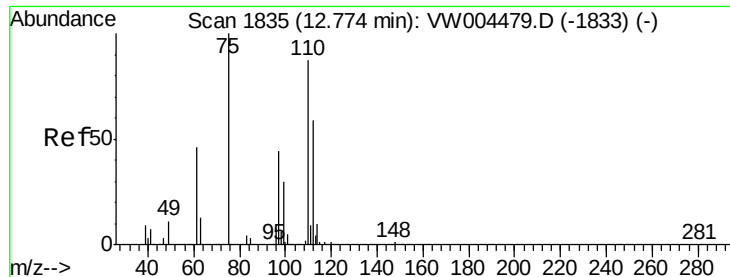
Tgt Ion:117 Resp: 694636
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004542.D
Acq: 08 Aug 2018 22:01

Tgt Ion:152 Resp: 207703
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.3
150 157.1 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 49.715 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004542.D

Acq: 08 Aug 2018 22:01

Instrument :

MSVOA_W

ClientSampled :

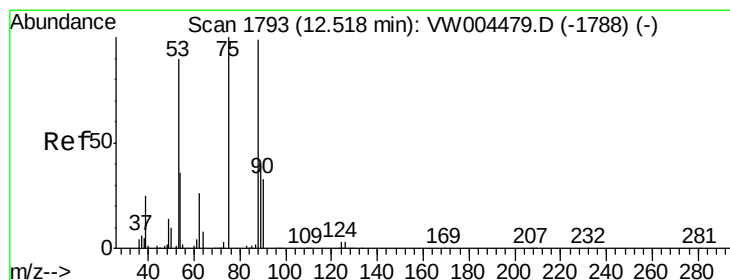
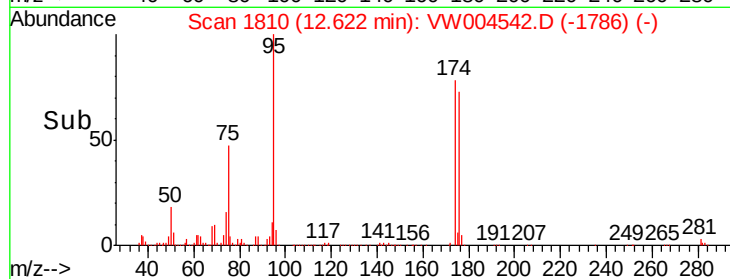
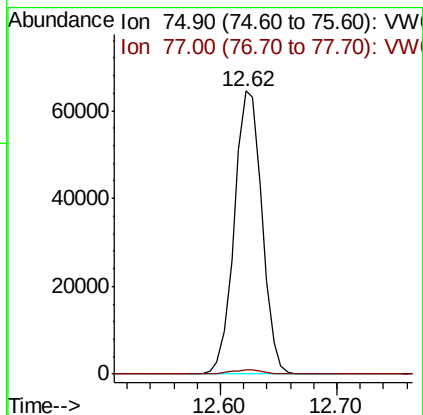
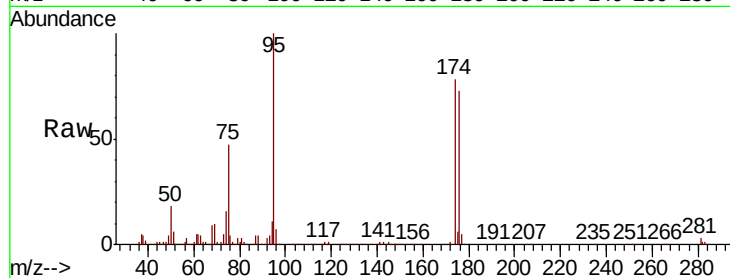
C-6RE

Tgt Ion: 75 Resp: 106851

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 119.011 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004542.D

Acq: 08 Aug 2018 22:01

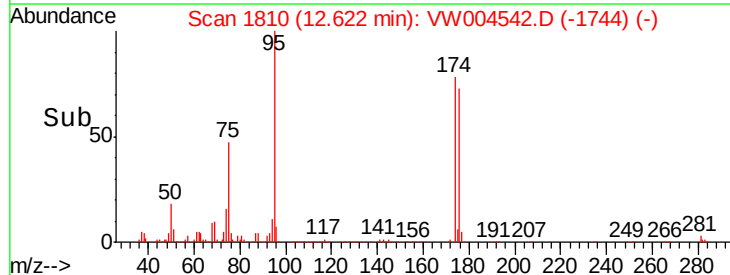
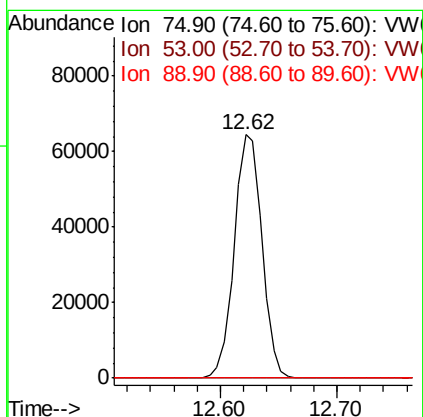
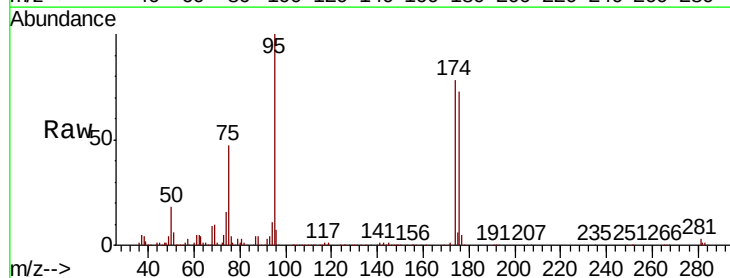
Tgt Ion: 75 Resp: 106851

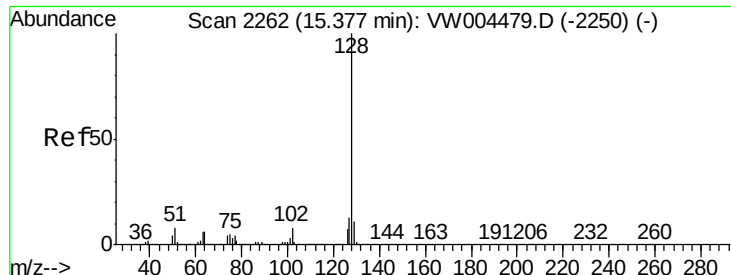
Ion Ratio Lower Upper

75 100

53 0.4 74.4 111.6#

89 0.0 35.9 53.9#

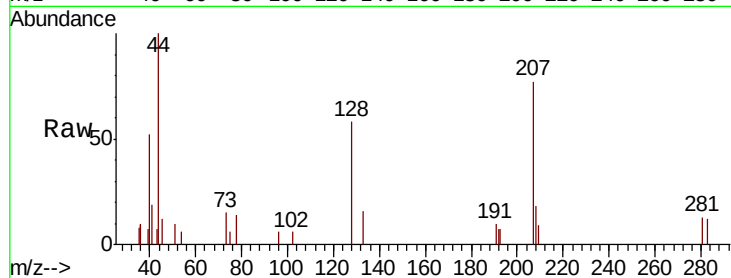




#95
Naphthalene
Concen: 3.021 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VW004542.D
Acq: 08 Aug 2018 22:01

Instrument :
MSVOA_W
ClientSampleId :
C-6RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	1.9	10.3	15.5#
129	0.0	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

