

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
 Data File : VW004549.D
 Acq On : 09 Aug 2018 01:02
 Operator : SY/AP
 Sample : J4313-19RE
 Misc : 5.20G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-14

Quant Time: Aug 09 05:17:41 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	542329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	931488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	819651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	313000	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	355107	59.15	ug/l	0.00
Spiked Amount			Recovery	=	118.30%	
35) Dibromofluoromethane	7.88	113	324323	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
50) Toluene-d8	10.33	98	1007350	42.54	ug/l	0.00
Spiked Amount			Recovery	=	85.08%	
62) 4-Bromofluorobenzene	12.63	95	286571	33.60	ug/l	0.00
Spiked Amount			Recovery	=	67.20%	

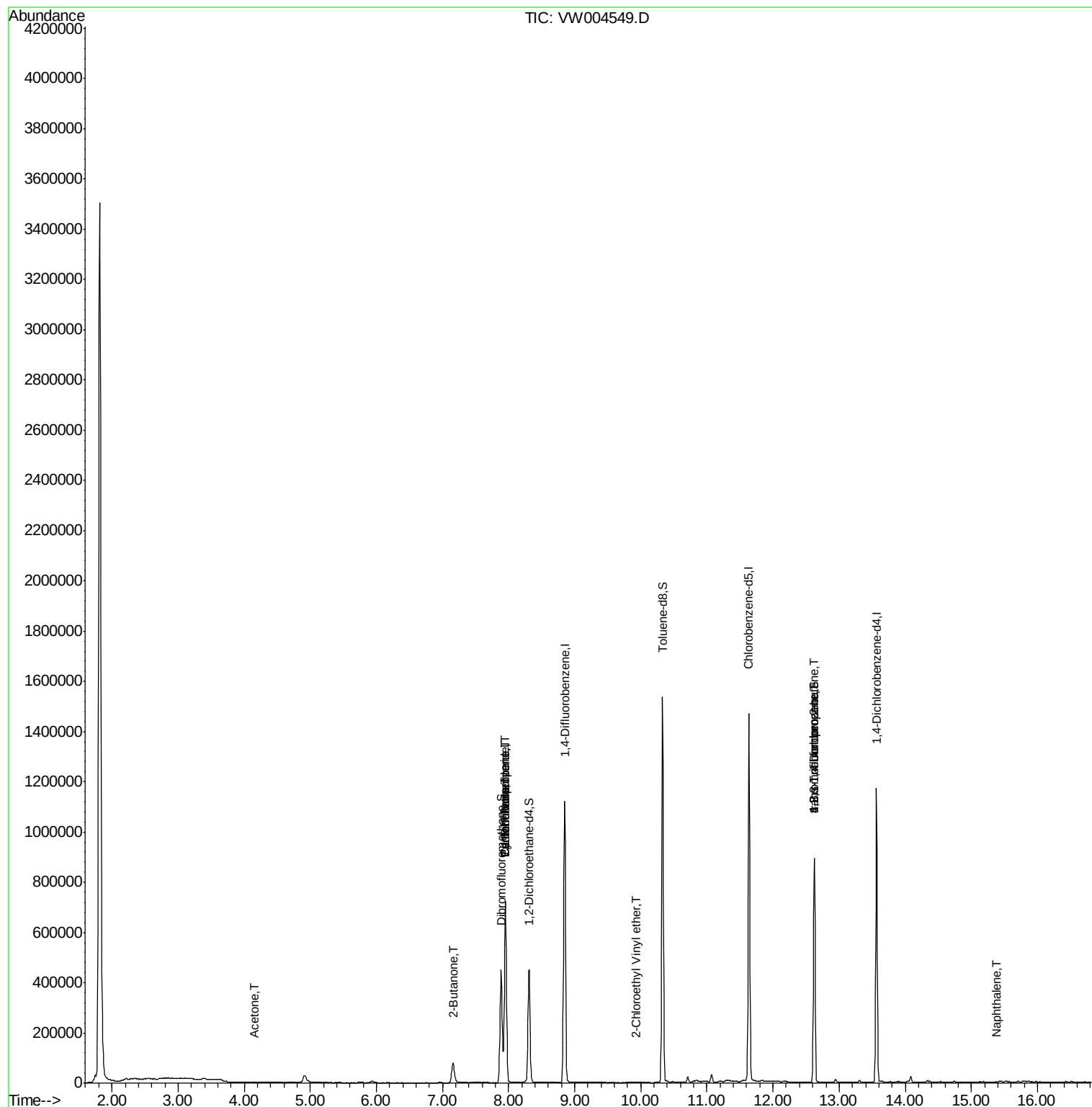
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	2861	1.908	ug/l	99
20) Methylene Chloride	4.91	84	27970	Below Cal		98
25) 2-Butanone	7.16	43	4397	1.823	ug/l #	71
31) Cyclohexane	7.95	56	12082	1.074	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	42512	4.239	ug/l #	49
38) Carbon Tetrachloride	7.95	117	52234	5.788	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.92	63	150	8.986	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	141070	43.555	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	141070	104.266	ug/l #	13
95) Naphthalene	15.38	128	1078	2.987	ug/l #	92

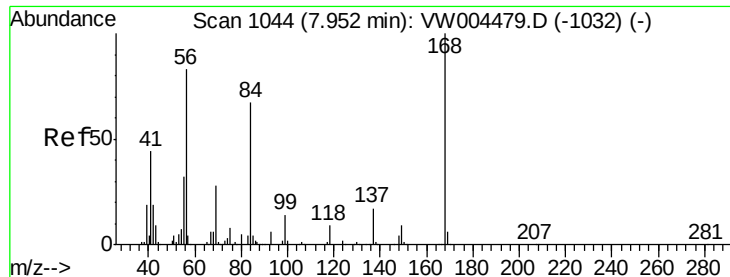
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
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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: VW004549.D

Acq: 09 Aug 2018 01:02

Instrument :

MSVOA_W

ClientSampled :

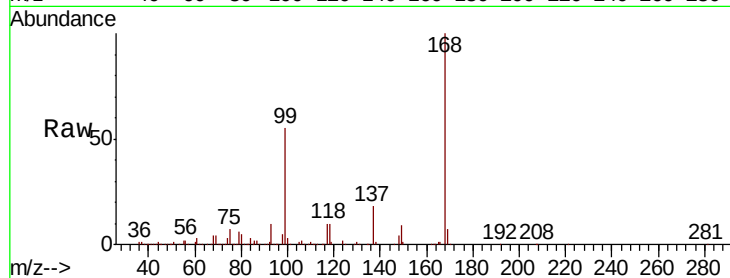
C-14

Tgt Ion:168 Resp: 542329

Ion Ratio Lower Upper

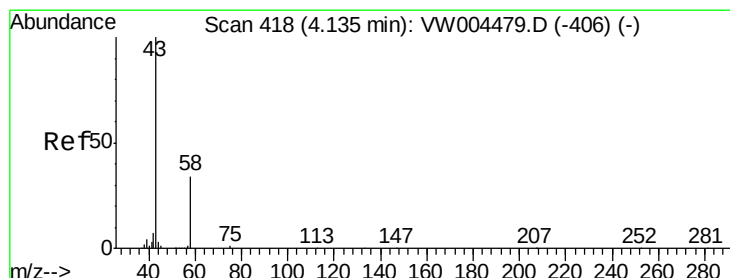
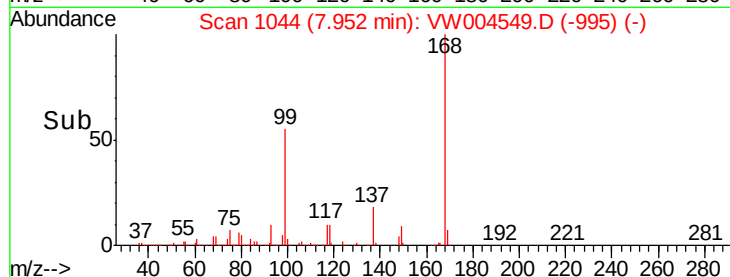
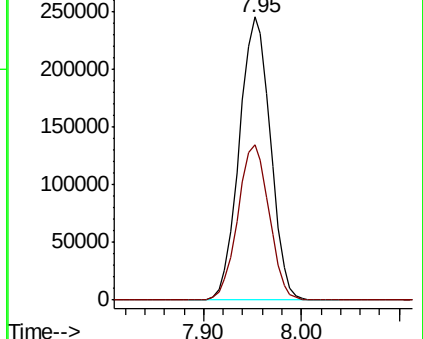
168 100

99 55.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 1.908 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW004549.D

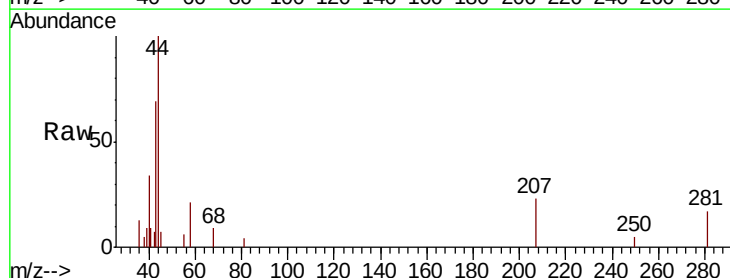
Acq: 09 Aug 2018 01:02

Tgt Ion: 43 Resp: 2861

Ion Ratio Lower Upper

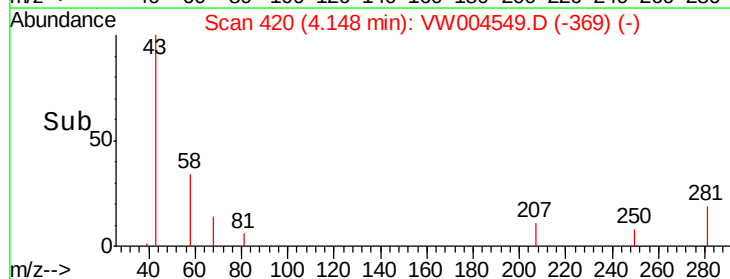
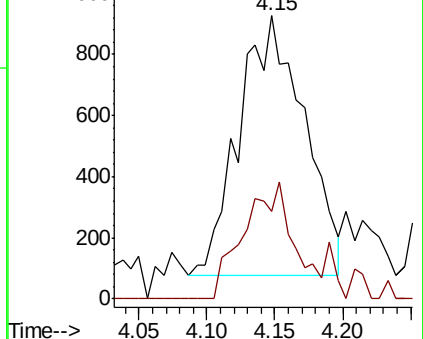
43 100

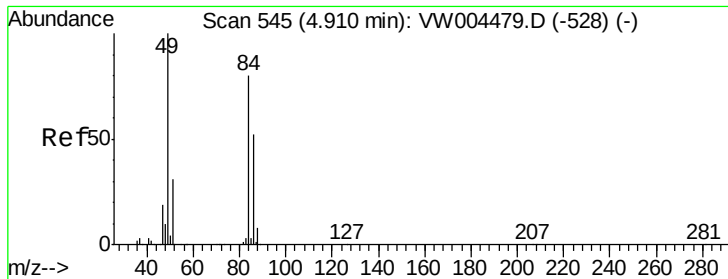
58 33.8 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

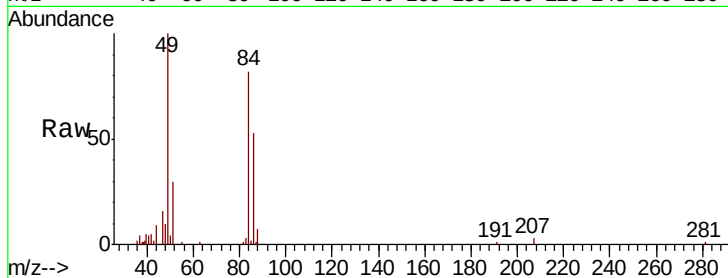




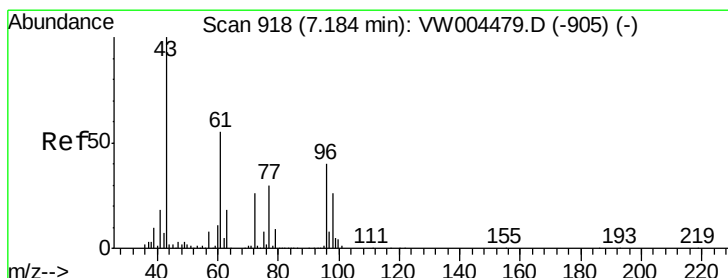
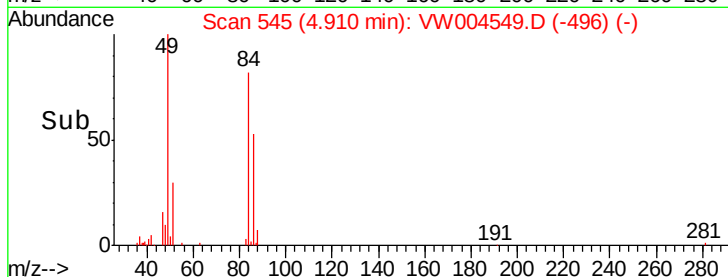
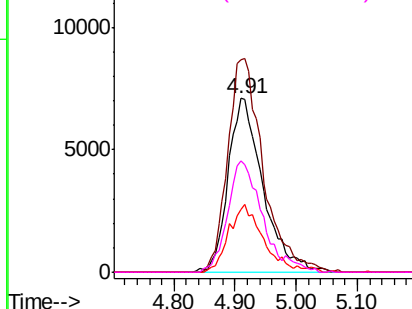
#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

Instrument :
MSVOA_W
ClientSampled :
C-14

Tgt Ion:	84	Resp:	27970
Ion	Ratio	Lower	Upper
84	100		
49	122.0	99.6	149.4
51	36.2	31.0	46.4
86	64.1	51.5	77.3

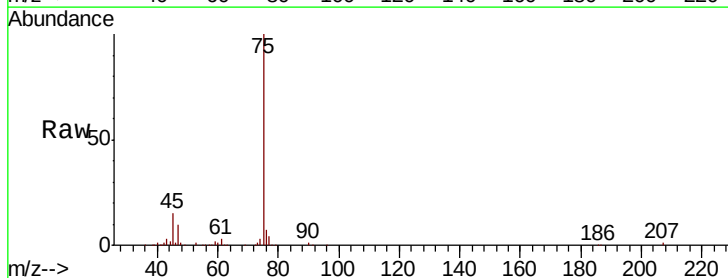


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

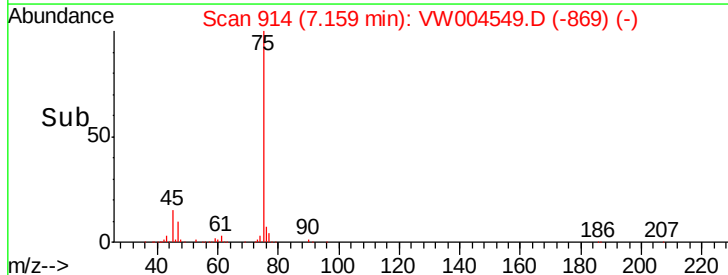
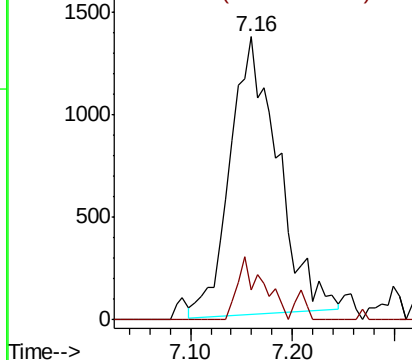


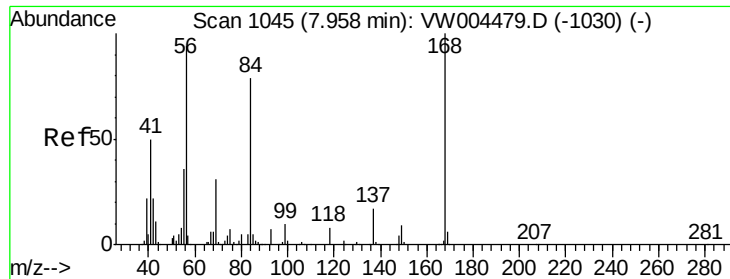
#25
2-Butanone
Concen: 1.823 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

Tgt Ion:	43	Resp:	4397
Ion	Ratio	Lower	Upper
43	100		
72	11.3	21.0	31.6#



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

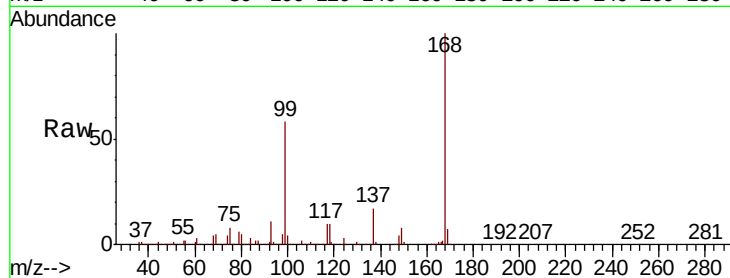




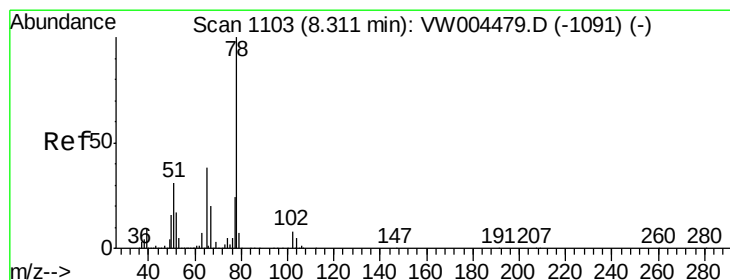
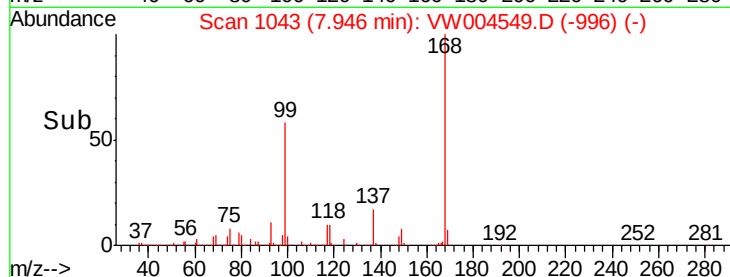
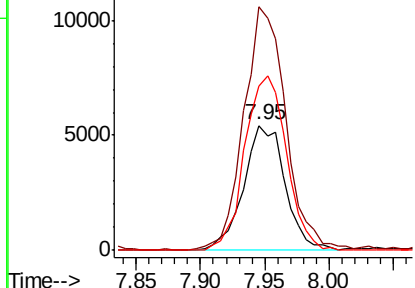
#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

Instrument :
MSVOA_W
ClientSampled :
C-14

Tgt Ion: 56 Resp: 12082
Ion Ratio Lower Upper
56 100
69 194.5 26.4 39.6#
84 130.8 66.9 100.3#

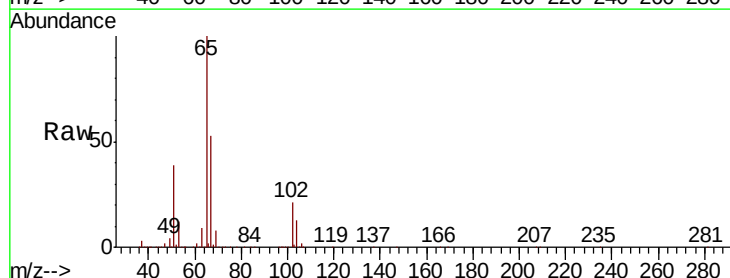


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

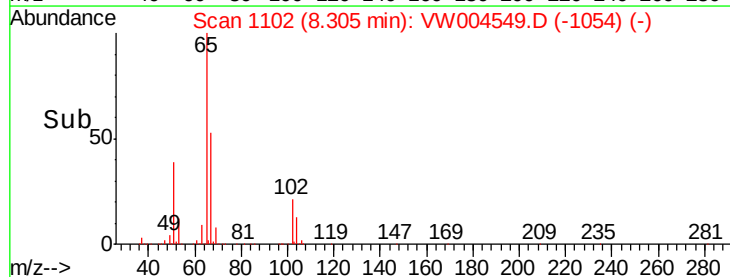
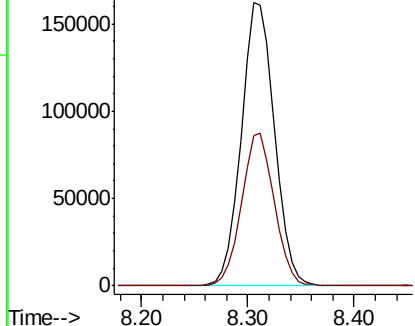


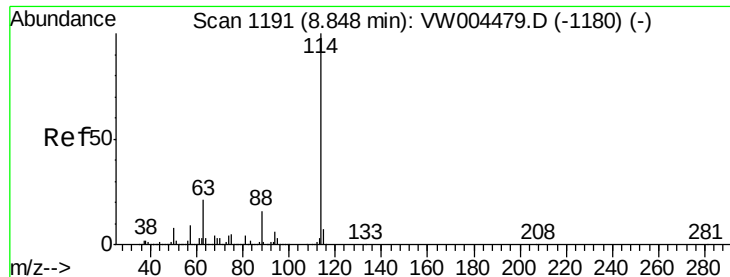
#33
1,2-Dichloroethane-d4
Concen: 59.151 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

Tgt Ion: 65 Resp: 355107
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

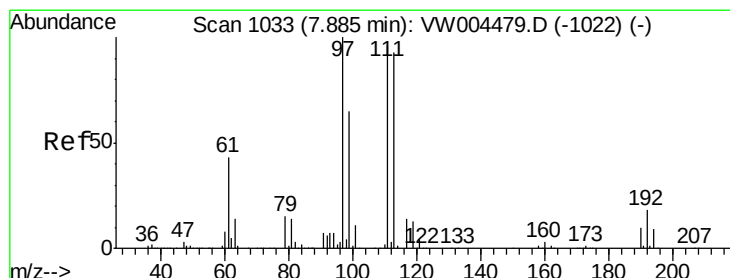
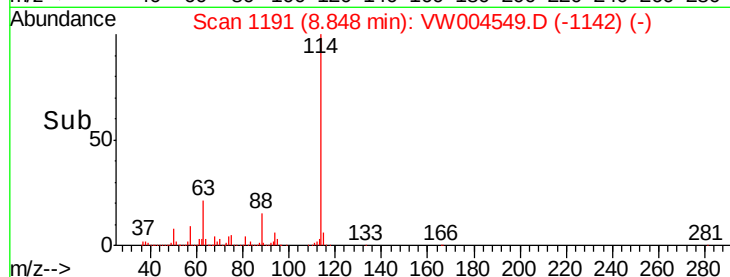
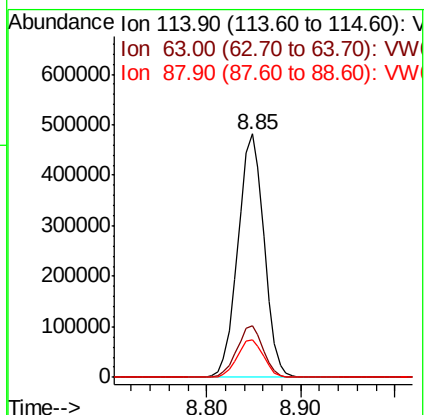
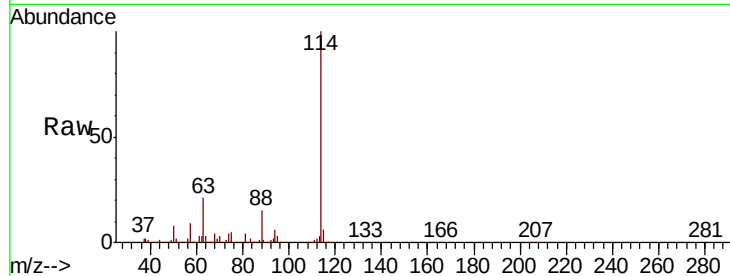




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

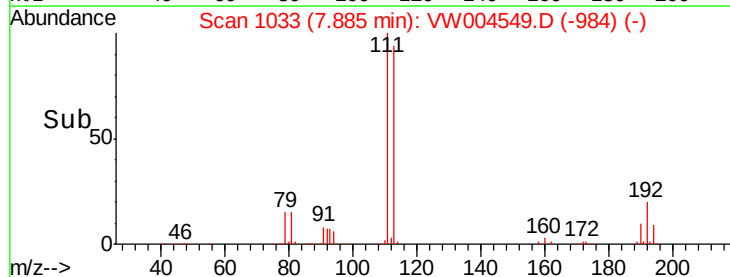
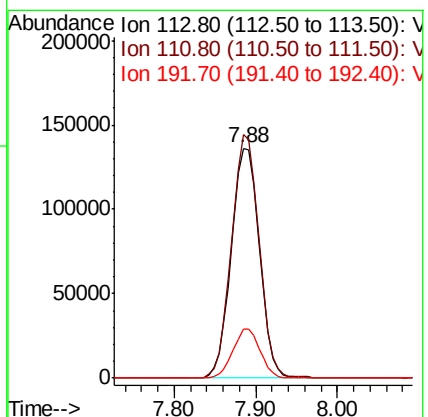
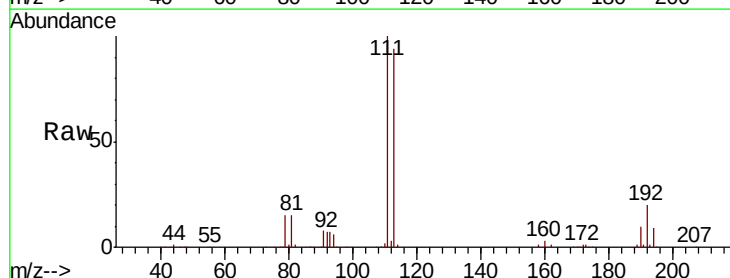
Instrument :
MSVOA_W
ClientSampleId :
C-14

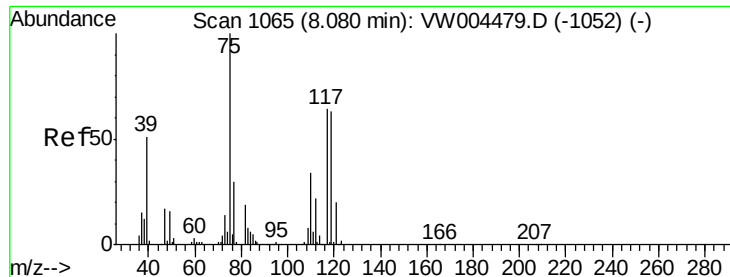
Tgt Ion:114 Resp: 931488
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 15.5 0.0 31.2



#35
Dibromofluoromethane
Concen: 52.219 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

Tgt Ion:113 Resp: 324323
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 20.6 15.8 23.6





#36

1,1-Dichloropropene

Concen: 4.239 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW004549.D

Acq: 09 Aug 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

C-14

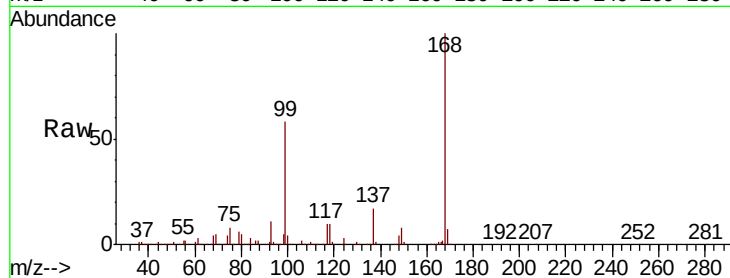
Tgt Ion: 75 Resp: 42512

Ion Ratio Lower Upper

75 100

110 7.6 17.4 52.2#

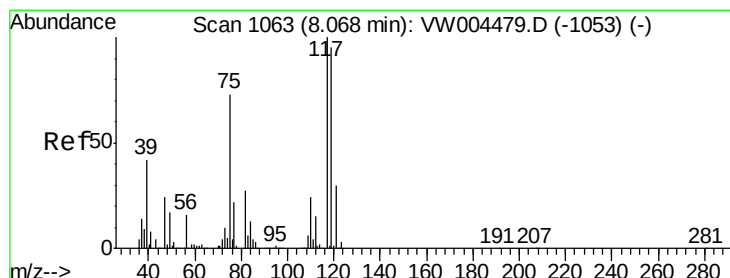
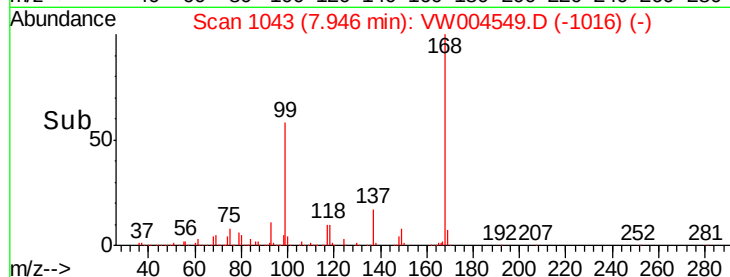
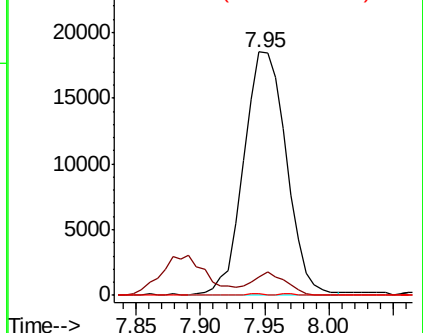
77 0.3 24.7 37.1#



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: 5.788 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004549.D

Acq: 09 Aug 2018 01:02

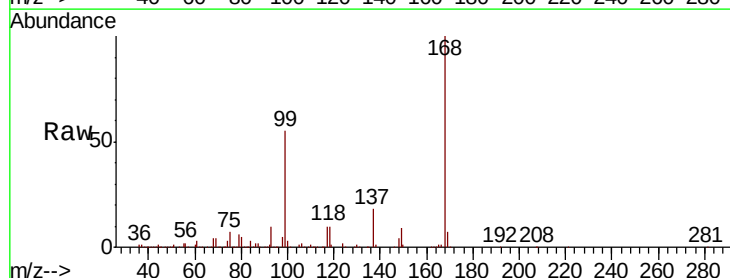
Tgt Ion: 117 Resp: 52234

Ion Ratio Lower Upper

117 100

119 6.1 76.1 114.1#

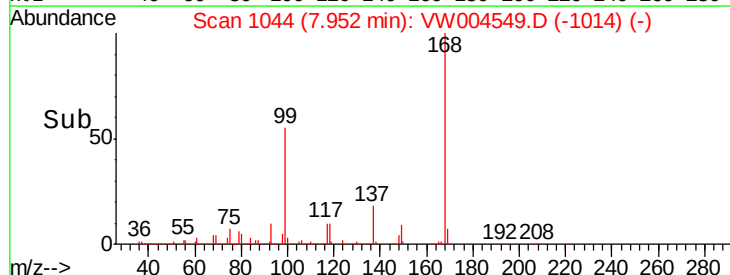
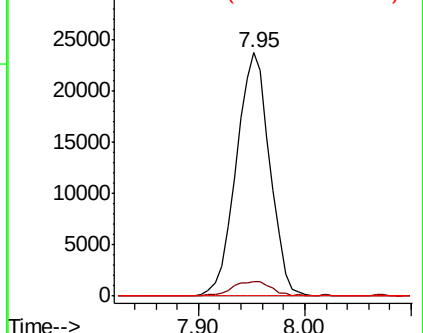
121 0.0 24.2 36.4#

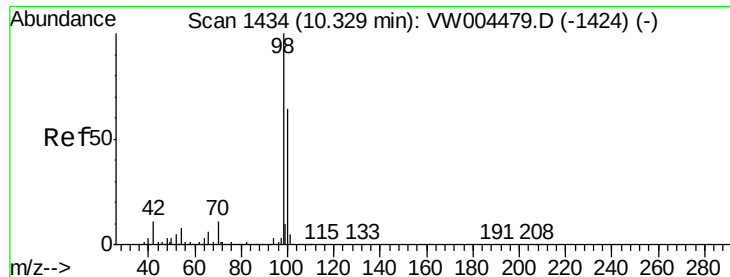


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 42.544 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004549.D

Acq: 09 Aug 2018 01:02

Instrument :

MSVOA_W

ClientSampled :

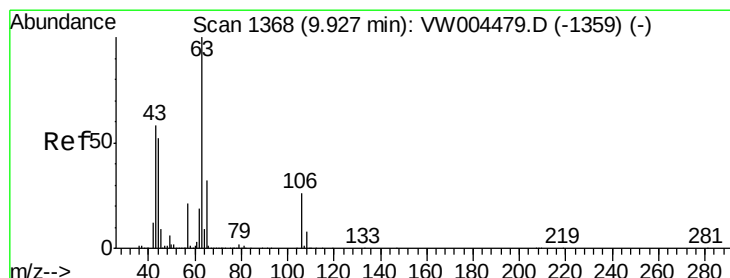
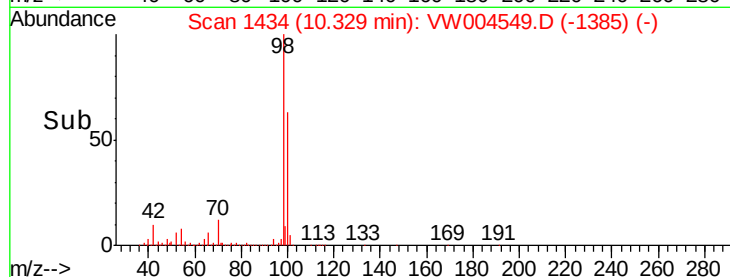
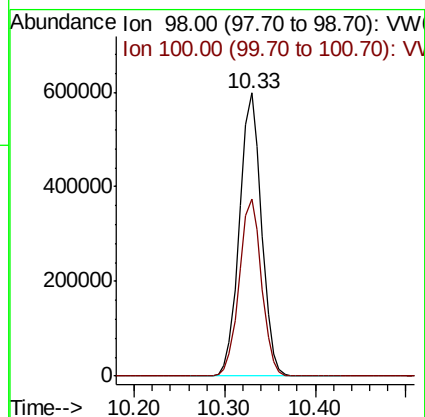
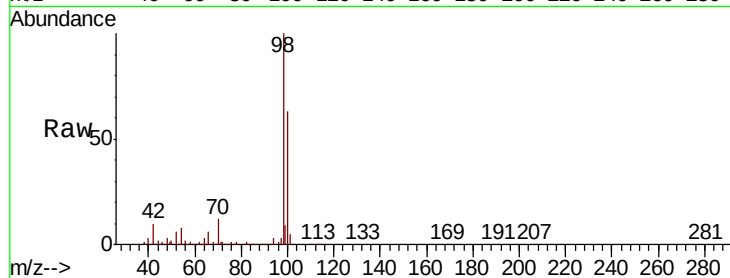
C-14

Tgt Ion: 98 Resp: 1007350

Ion Ratio Lower Upper

98 100

100 63.2 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 8.986 ug/l

RT: 9.92 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VW004549.D

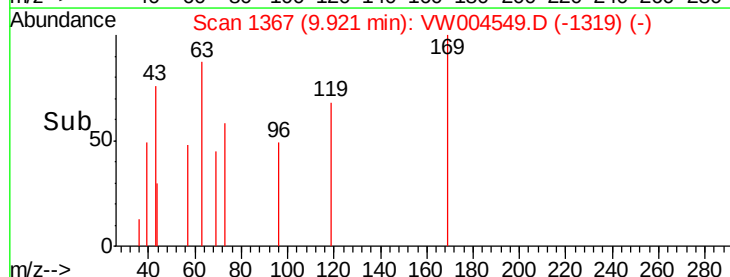
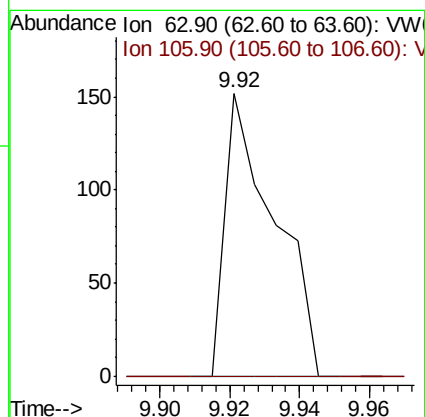
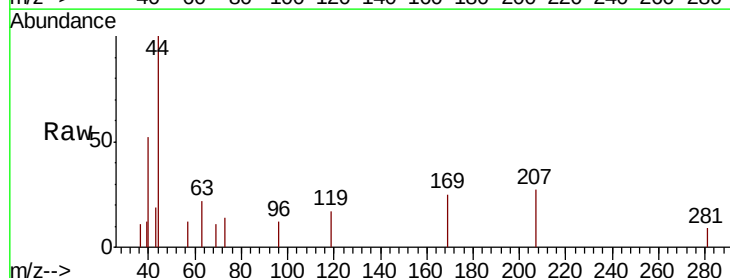
Acq: 09 Aug 2018 01:02

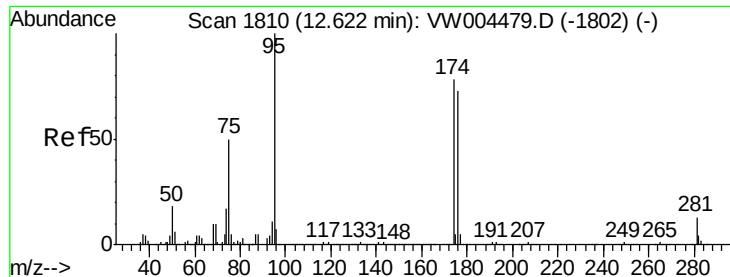
Tgt Ion: 63 Resp: 150

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#

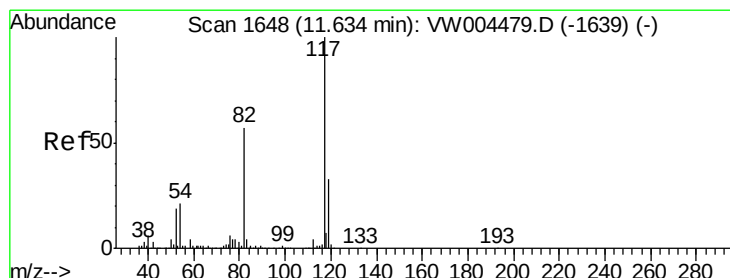
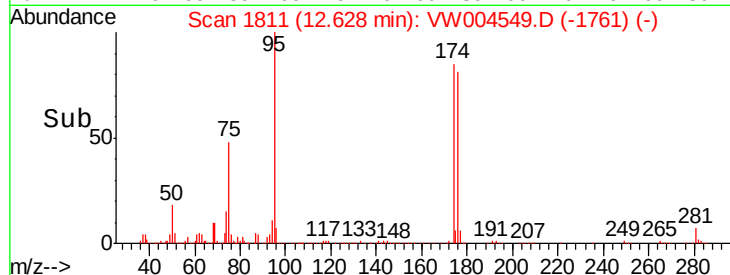
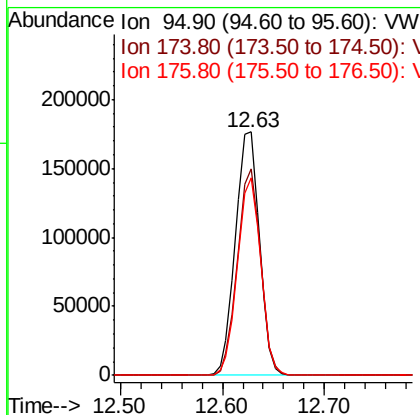
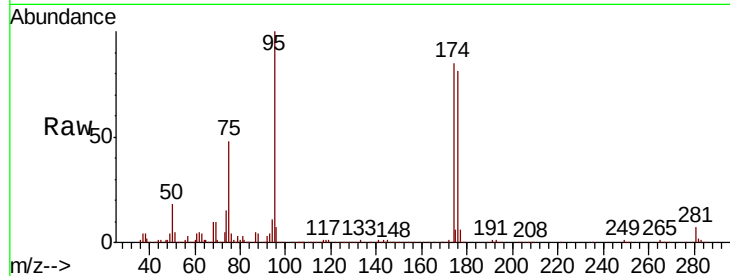




#62
4-Bromofluorobenzene
Concen: 33.599 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

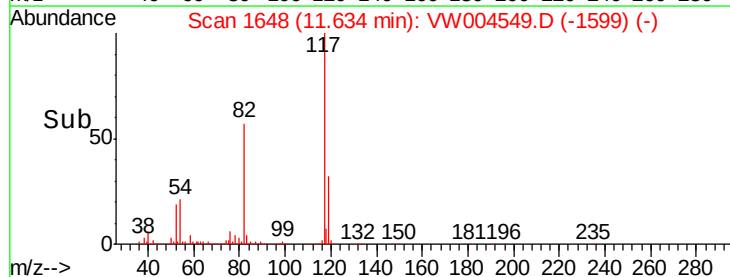
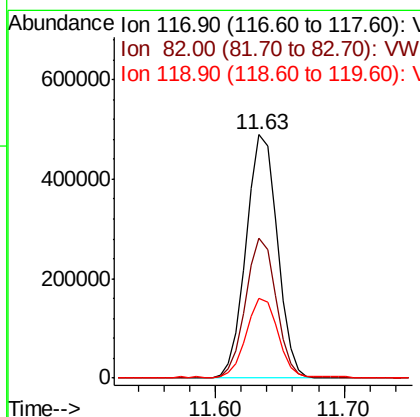
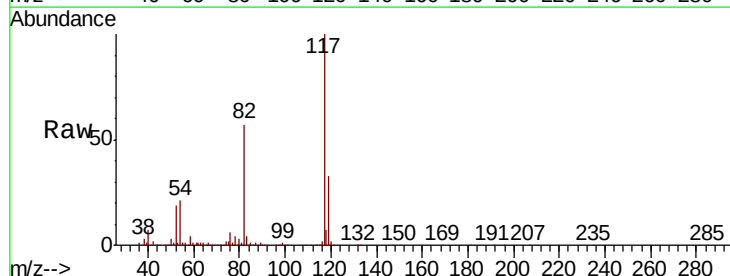
Instrument :
MSVOA_W
ClientSampled :
C-14

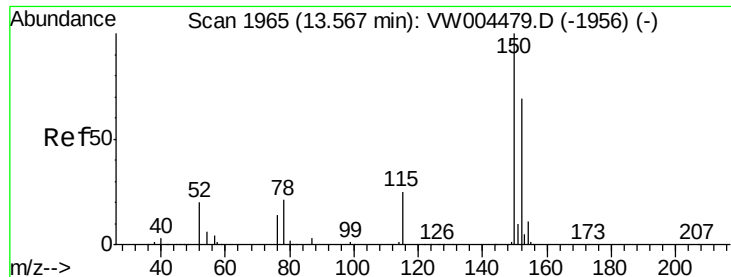
Tgt Ion: 95 Resp: 286571
Ion Ratio Lower Upper
95 100
174 82.1 0.0 160.4
176 78.8 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

Tgt Ion: 117 Resp: 819651
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 32.1 26.2 39.4



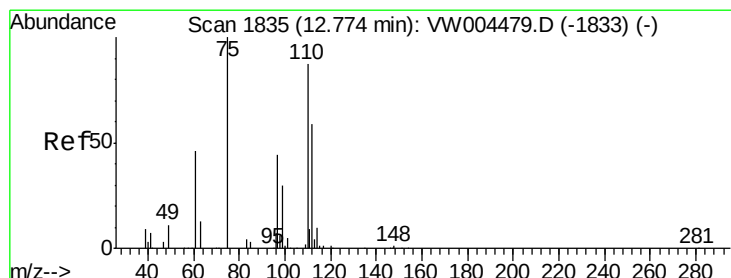
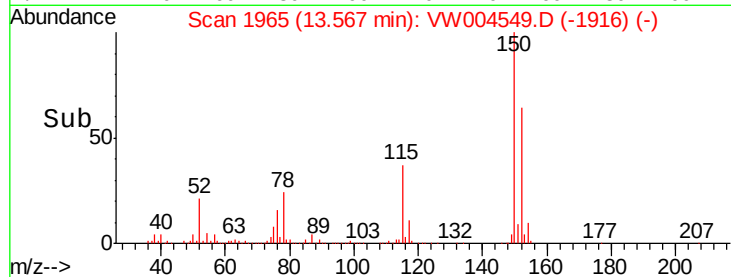
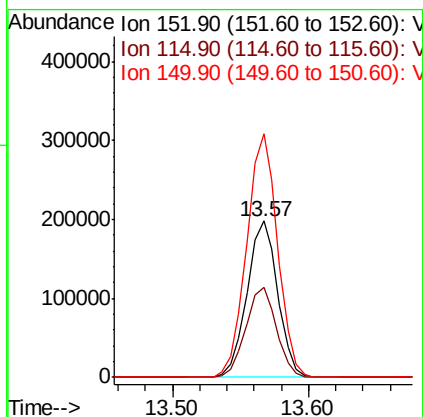
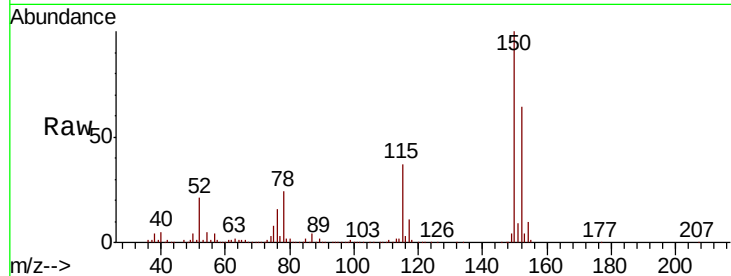


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

Instrument :
MSVOA_W
ClientSampled :
C-14

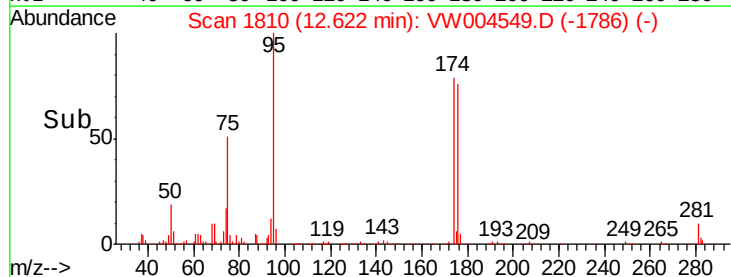
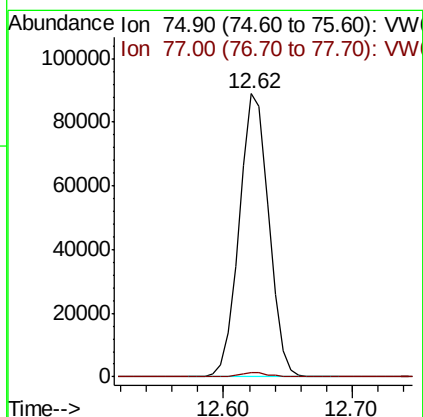
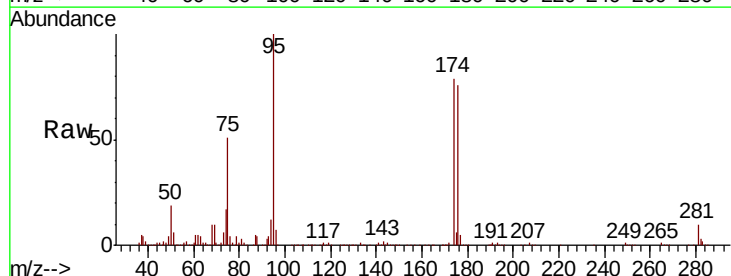
Tgt Ion:152 Resp: 313000
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 156.7 0.0 349.6

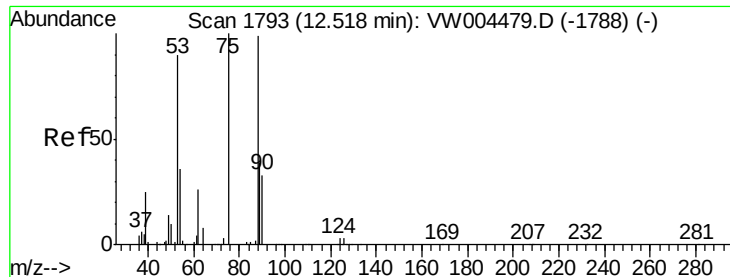


#76

1,2,3-Trichloropropane
Concen: 43.555 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

Tgt Ion: 75 Resp: 141070
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

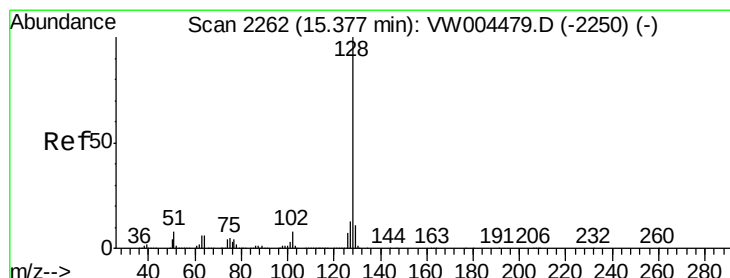
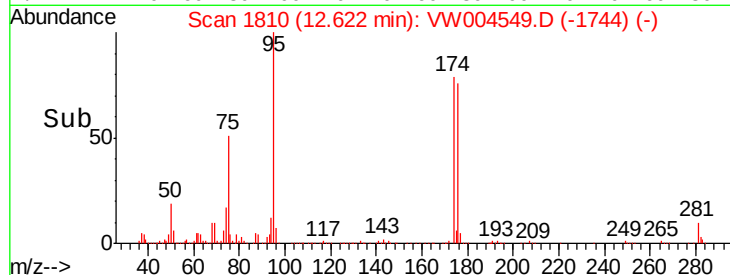
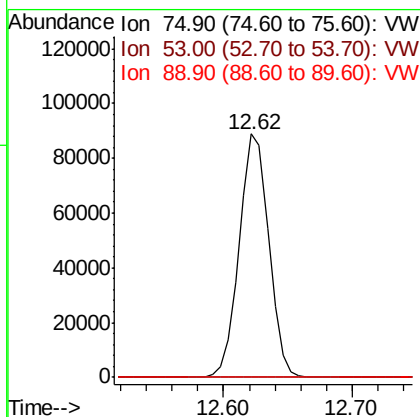
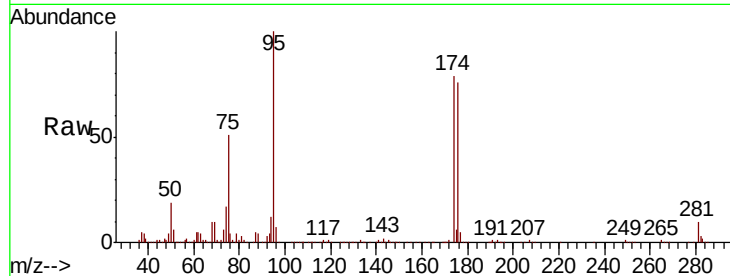




#81
trans-1,4-Dichloro-2-butene
Concen: 104.266 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
C-14

Tgt Ion: 75 Resp: 141070
Ion Ratio Lower Upper
75 100
53 0.3 74.4 111.6#
89 0.0 35.9 53.9#



#95
Naphthalene
Concen: 2.987 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

Tgt Ion: 128 Resp: 1078
Ion Ratio Lower Upper
128 100
127 10.8 10.3 15.5
129 6.6 8.6 13.0#

