

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
 Data File : VW004544.D
 Acq On : 08 Aug 2018 22:52
 Operator : SY/AP
 Sample : J4313-07RE
 Misc : 5.15G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-8RE

Quant Time: Aug 09 05:16:54 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	249177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	415344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	414067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166103	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	206653	74.92	ug/l	0.00
Spiked Amount			Recovery	=	149.84%	
35) Dibromofluoromethane	7.88	113	174871	63.14	ug/l	0.00
Spiked Amount			Recovery	=	126.28%	
50) Toluene-d8	10.33	98	486972	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.62	95	149914	39.42	ug/l	0.00
Spiked Amount			Recovery	=	78.84%	

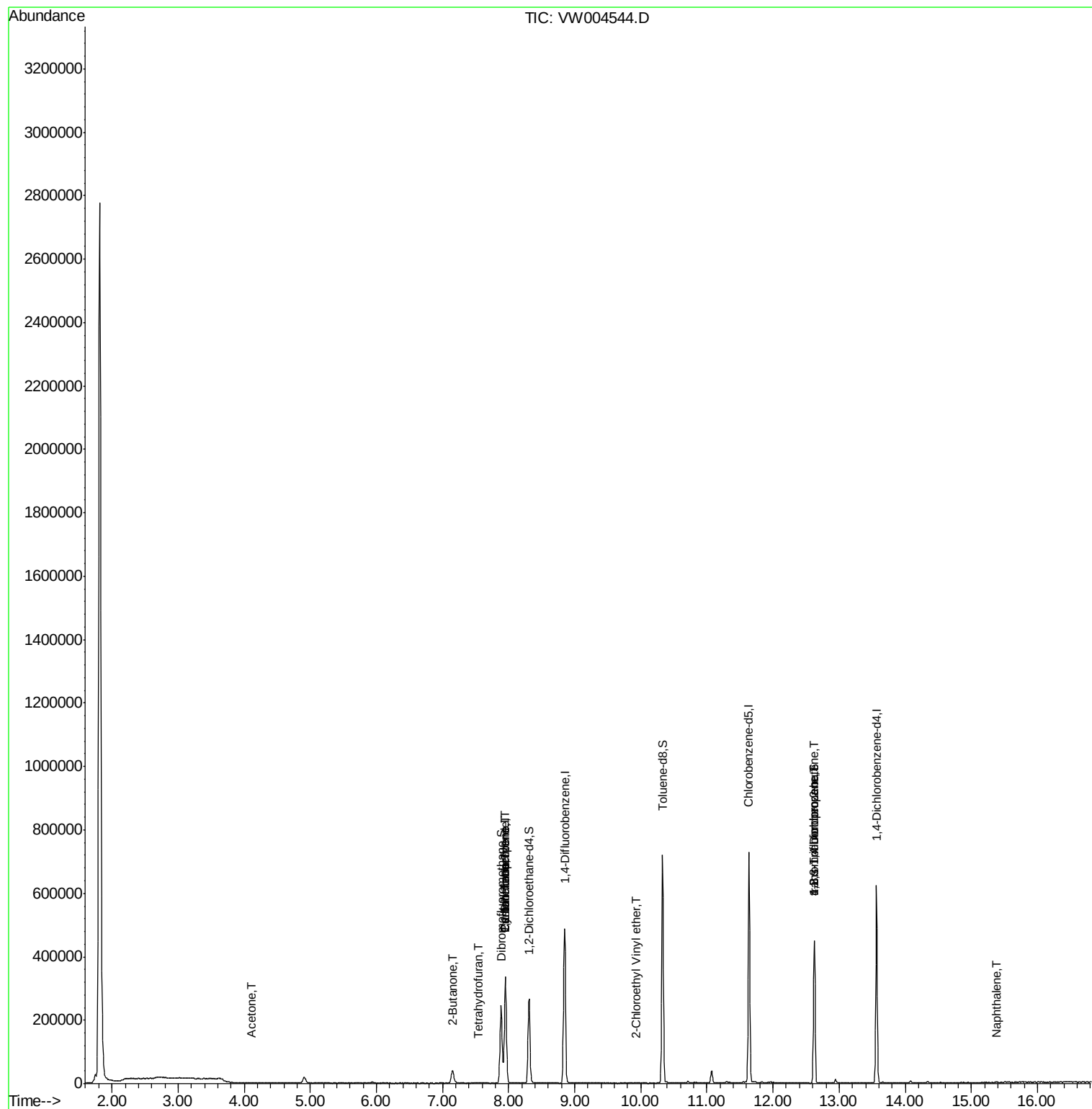
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	1721	2.498	ug/l #	87
20) Methylene Chloride	4.91	84	14465	Below Cal		93
25) 2-Butanone	7.16	43	2377	2.145	ug/l	93
29) Tetrahydrofuran	7.54	42	719	1.255	ug/l #	74
31) Cyclohexane	7.95	56	5609	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20003	4.473	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23777	5.908	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	89	9.000	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	70955	41.282	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70955	98.823	ug/l #	13
95) Naphthalene	15.38	128	1343	3.085	ug/l #	79

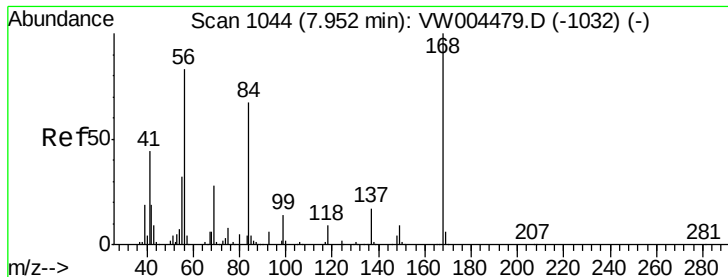
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
Data File : VW004544.D
Acq On : 08 Aug 2018 22:52
Operator : SY/AP
Sample : J4313-07RE
Misc : 5.15G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C-8RE

Quant Time: Aug 09 05:16:54 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: VW004544.D

Acq: 08 Aug 2018 22:52

Instrument :

MSVOA_W

ClientSampleId :

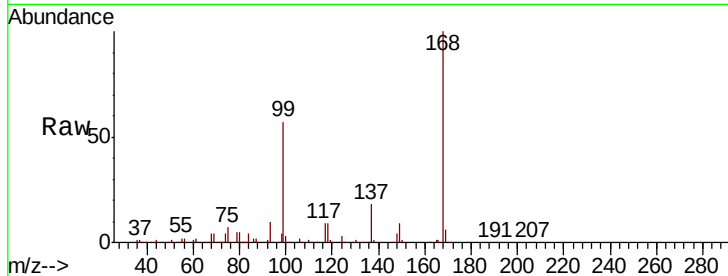
C-8RE

Tgt Ion:168 Resp: 249177

Ion Ratio Lower Upper

168 100

99 56.7 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

120000

100000

80000

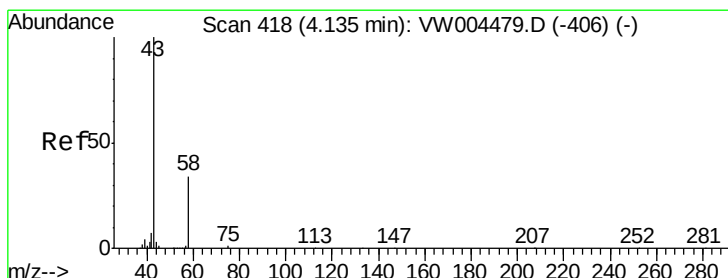
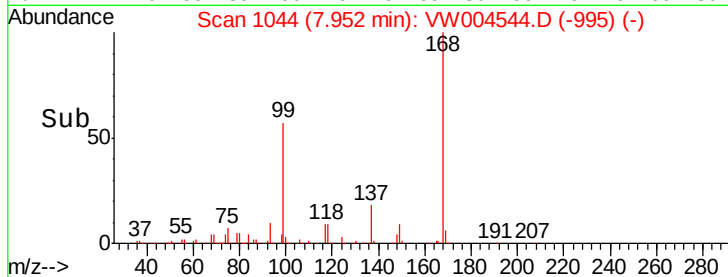
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.498 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW004544.D

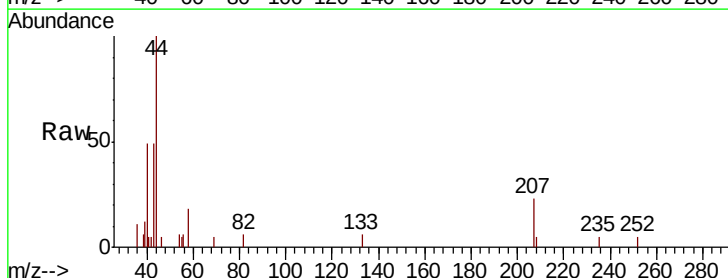
Acq: 08 Aug 2018 22:52

Tgt Ion: 43 Resp: 1721

Ion Ratio Lower Upper

43 100

58 40.9 26.8 40.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

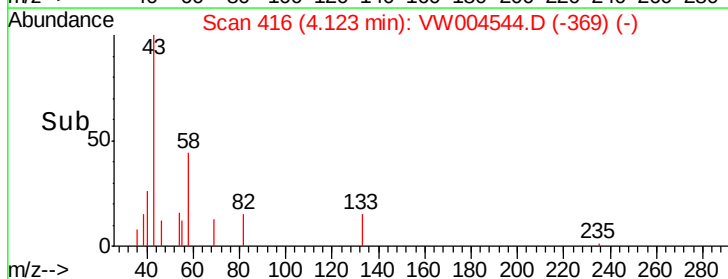
600

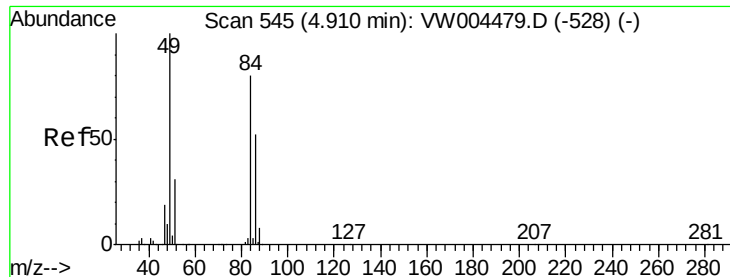
400

200

0

Time-->

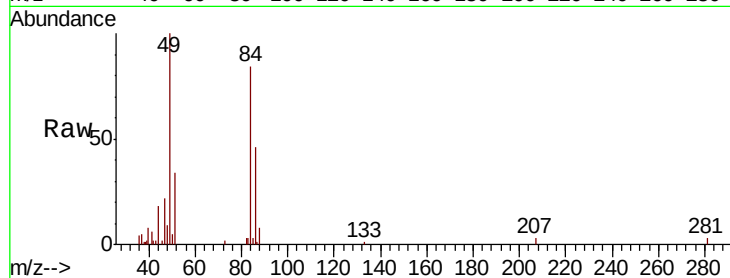




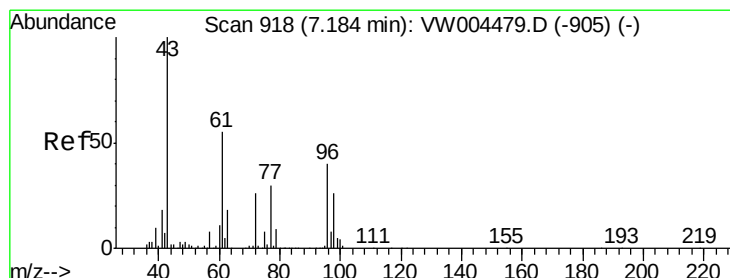
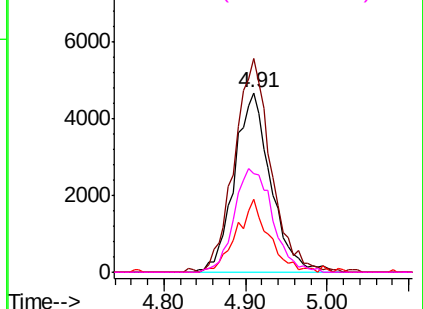
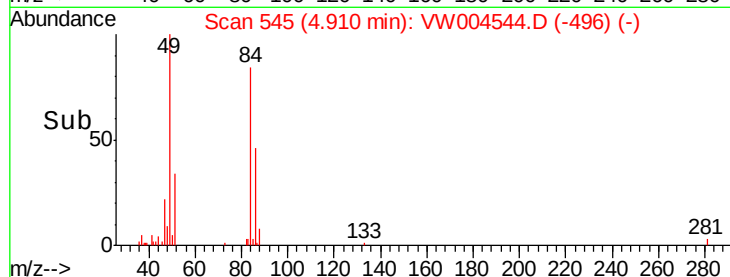
#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004544.D
Acq: 08 Aug 2018 22:52

Instrument :
MSVOA_W
ClientSampleId :
C-8RE

Tgt Ion: 84 Resp: 14465
Ion Ratio Lower Upper
84 100
49 117.5 99.6 149.4
51 40.7 31.0 46.4
86 55.2 51.5 77.3

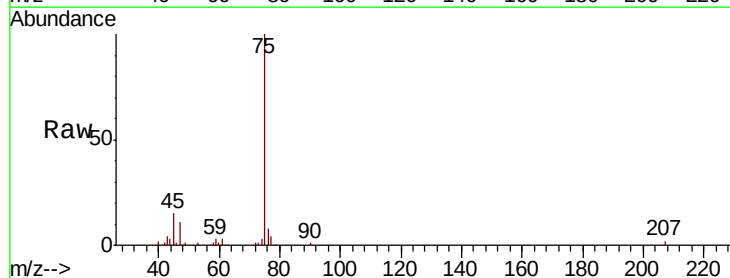


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

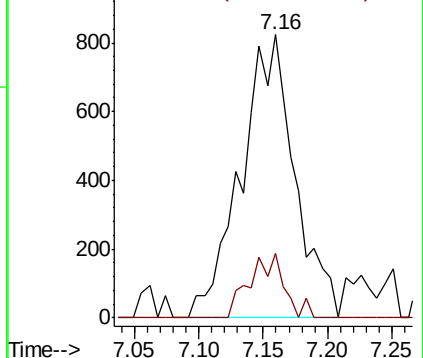
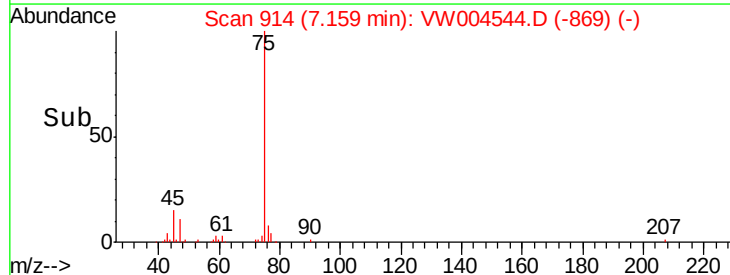


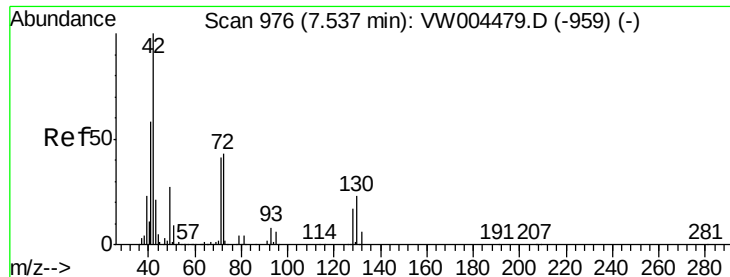
#25
2-Butanone
Concen: 2.145 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004544.D
Acq: 08 Aug 2018 22:52

Tgt Ion: 43 Resp: 2377
Ion Ratio Lower Upper
43 100
72 22.7 21.0 31.6



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

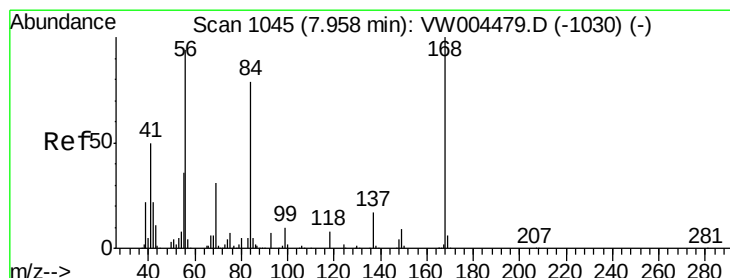
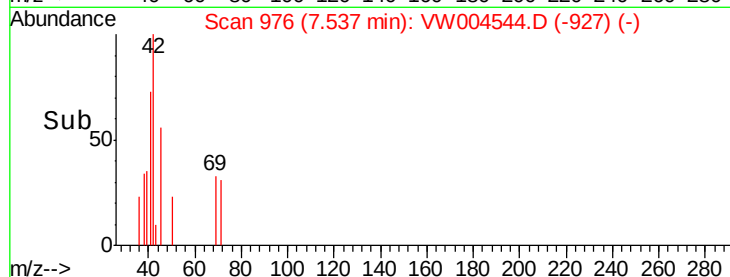
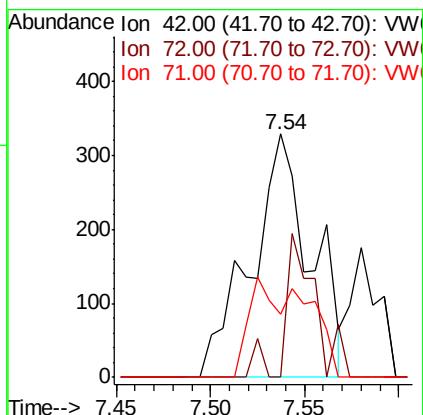
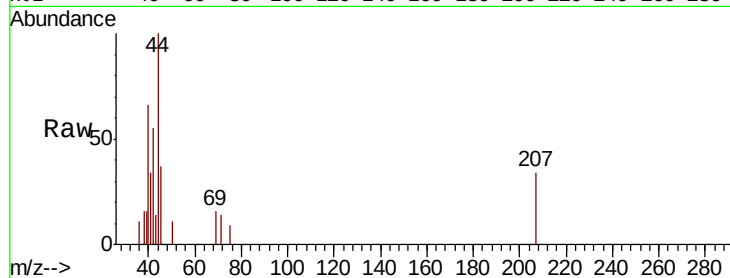




#29
Tetrahydrofuran
Concen: 1.255 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004544.D
Acq: 08 Aug 2018 22:52

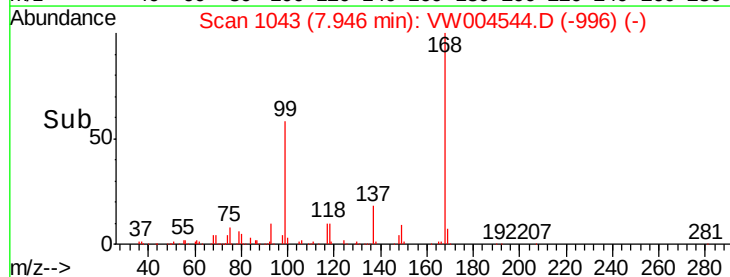
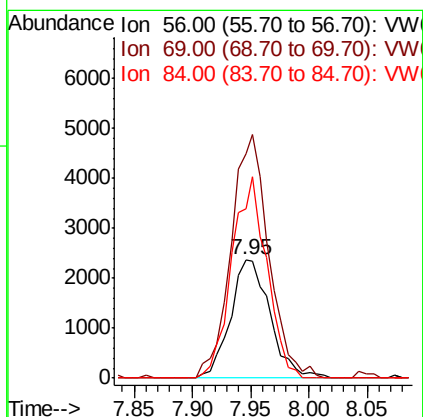
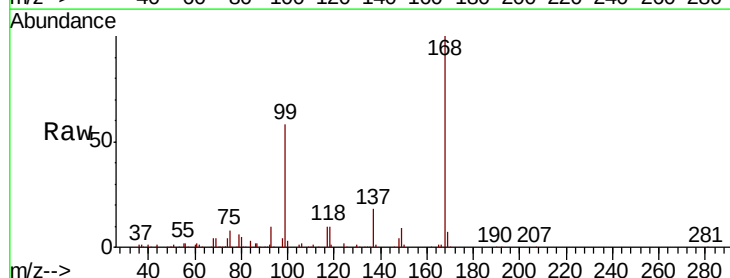
Instrument :
MSVOA_W
ClientSampleId :
C-8RE

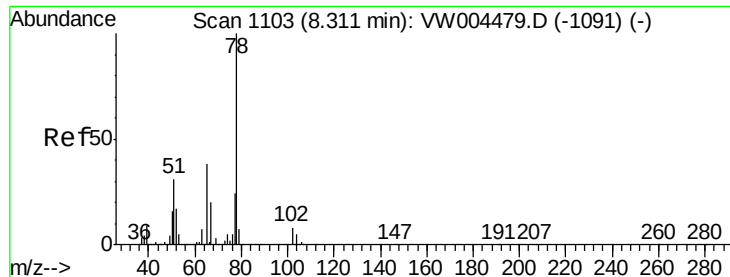
Tgt Ion: 42 Resp: 719
Ion Ratio Lower Upper
42 100
72 29.8 34.1 51.1#
71 20.0 32.5 48.7#



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004544.D
Acq: 08 Aug 2018 22:52

Tgt Ion: 56 Resp: 5609
Ion Ratio Lower Upper
56 100
69 188.9 26.4 39.6#
84 142.7 66.9 100.3#

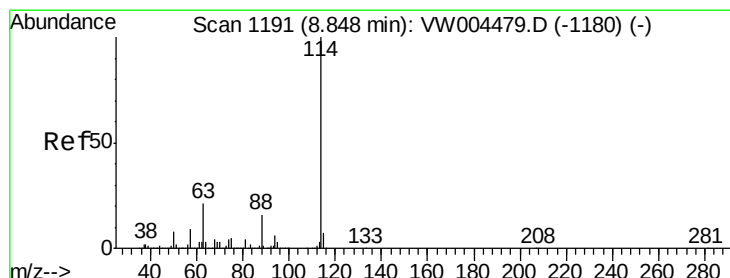
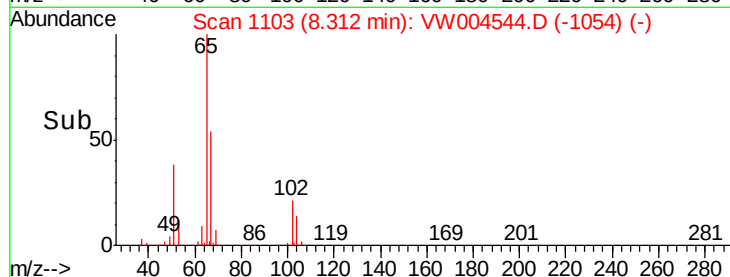
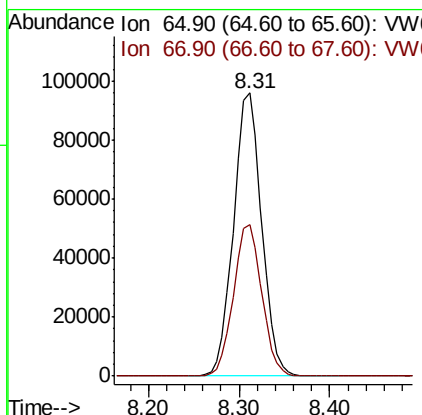
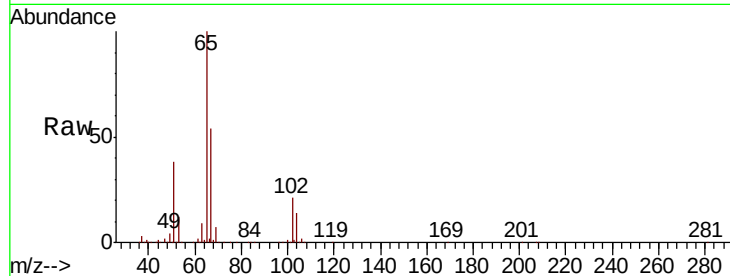




#33
 1,2-Dichloroethane-d4
 Concen: 74.920 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004544.D
 Acq: 08 Aug 2018 22:52

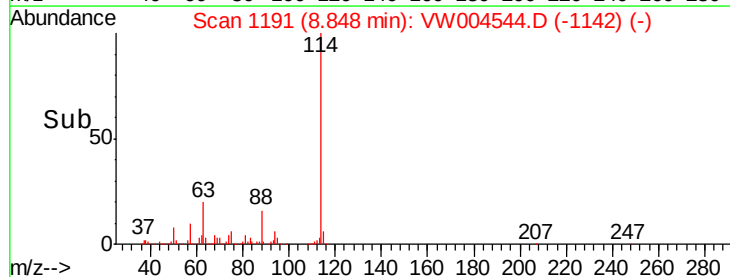
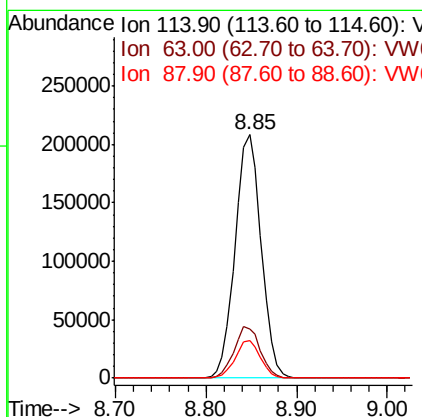
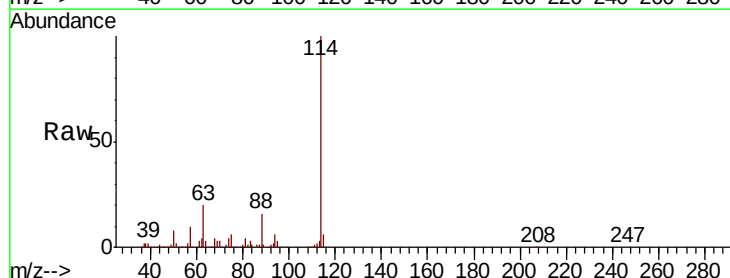
Instrument :
 MSVOA_W
 ClientSampleId :
 C-8RE

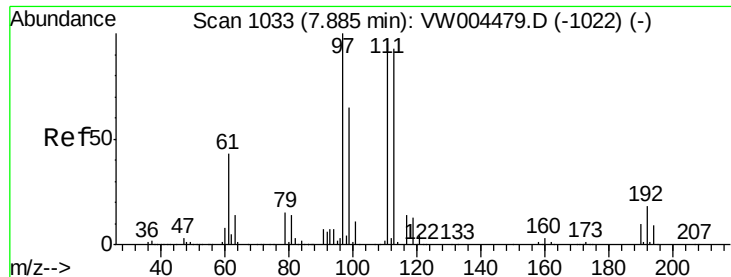
Tgt Ion: 65 Resp: 206653
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004544.D
 Acq: 08 Aug 2018 22:52

Tgt Ion: 114 Resp: 415344
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.4
 88 15.5 0.0 31.2

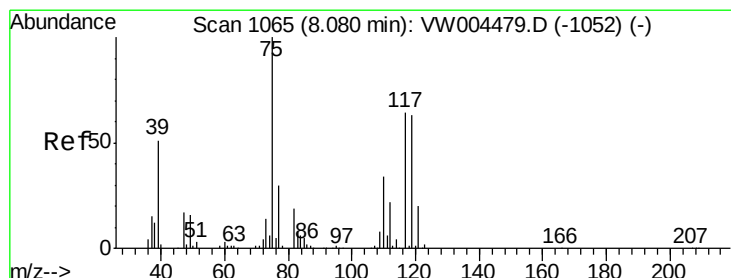
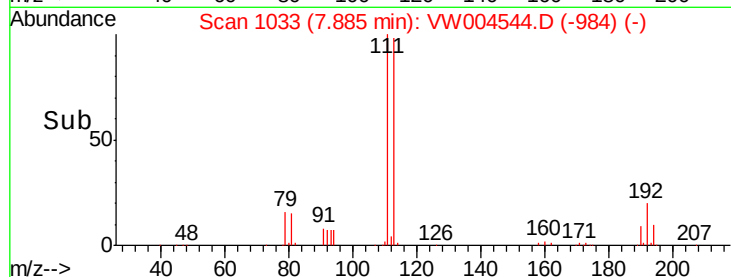
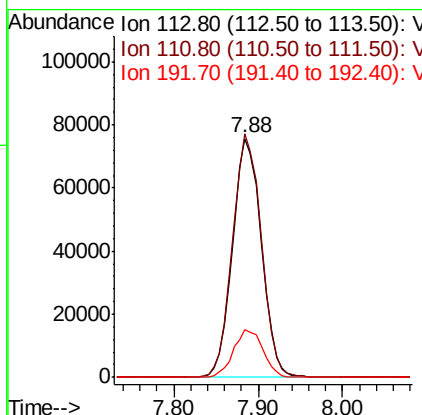
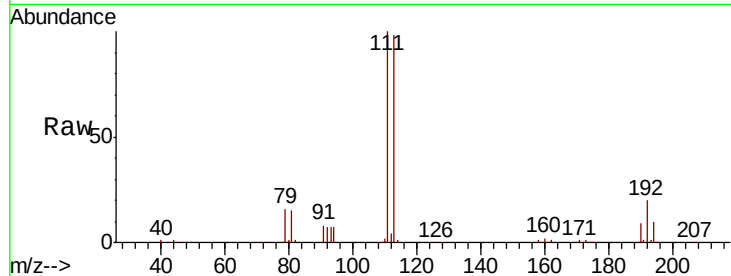




#35
 Dibromofluoromethane
 Concen: 63.144 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004544.D
 Acq: 08 Aug 2018 22:52

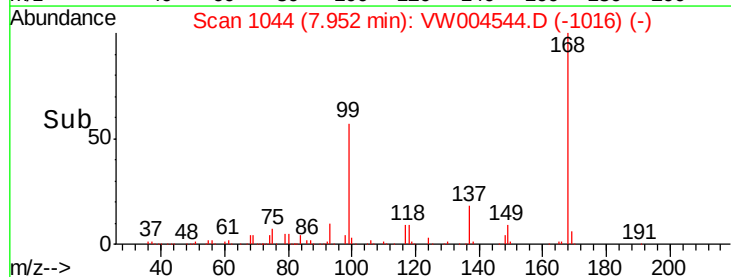
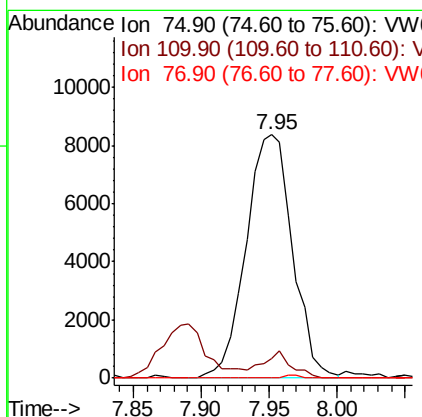
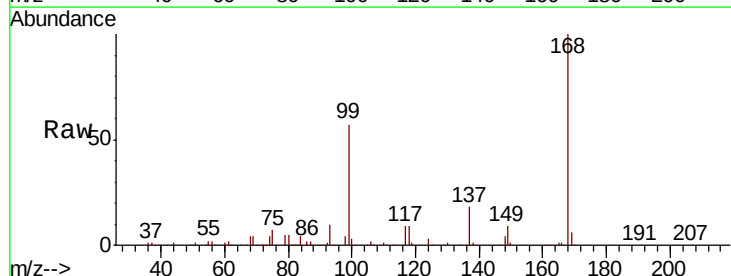
Instrument :
 MSVOA_W
 ClientSampled :
 C-8RE

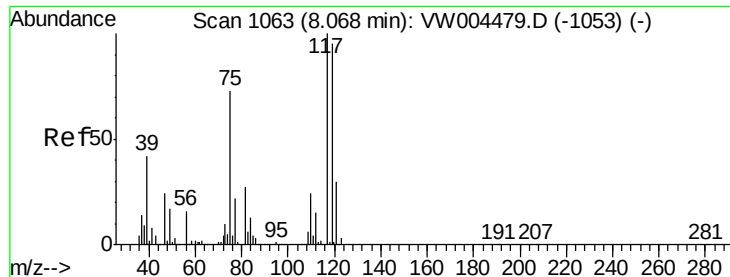
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	20.3	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.473 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004544.D
 Acq: 08 Aug 2018 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.8	17.4	52.2#
77	0.4	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.908 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004544.D

Acq: 08 Aug 2018 22:52

Instrument :

MSVOA_W

ClientSampled :

C-8RE

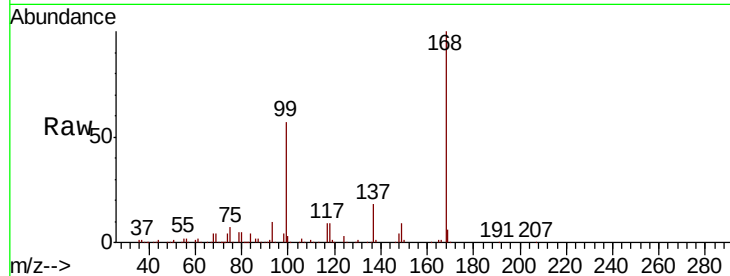
Tgt Ion: 117 Resp: 23777

Ion Ratio Lower Upper

117 100

119 5.8 76.1 114.1#

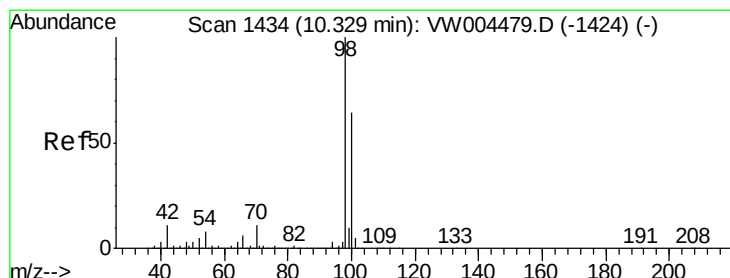
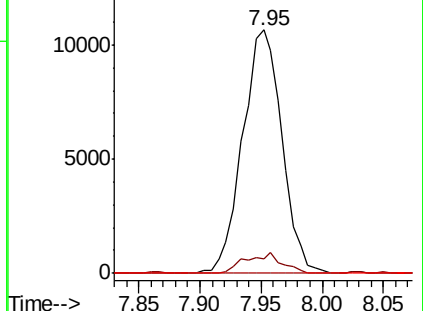
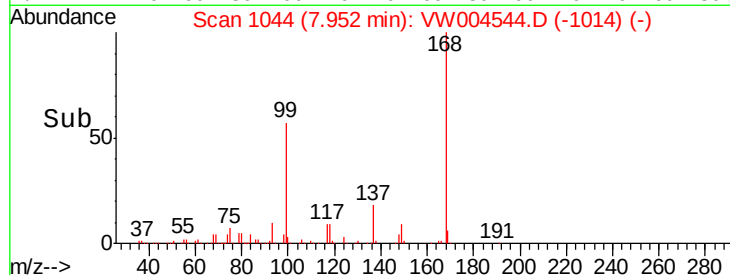
121 0.0 24.2 36.4#



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: 46.124 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004544.D

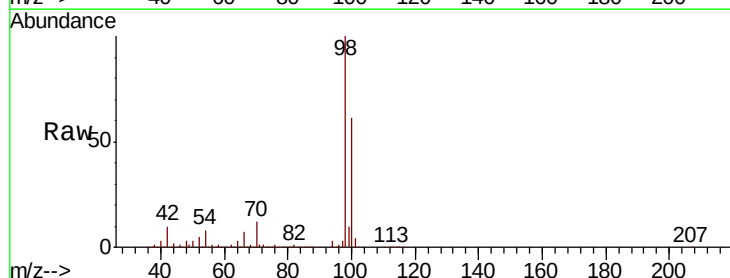
Acq: 08 Aug 2018 22:52

Tgt Ion: 98 Resp: 486972

Ion Ratio Lower Upper

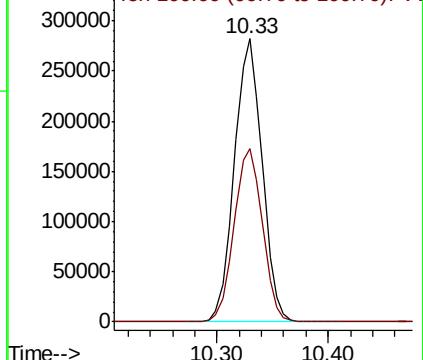
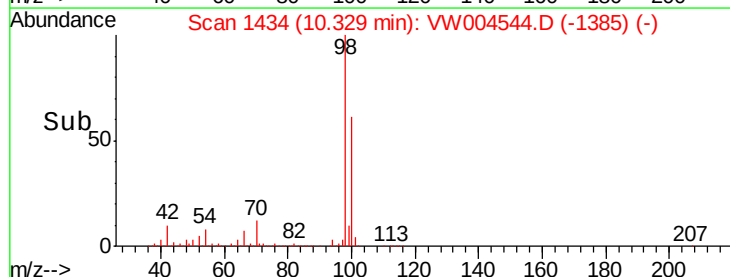
98 100

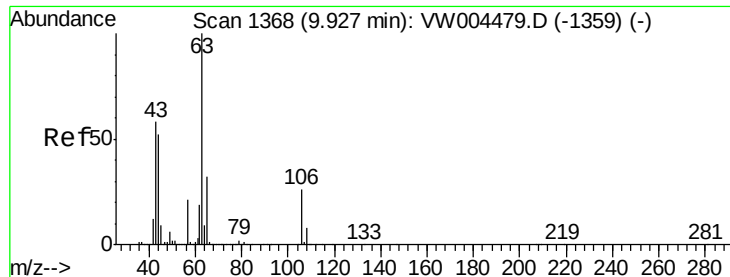
100 62.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

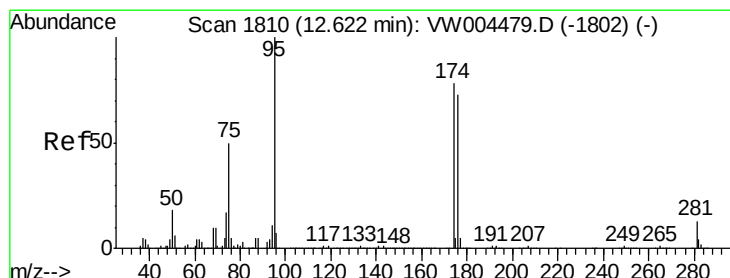
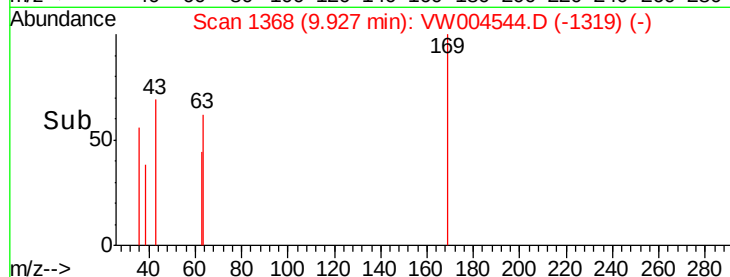
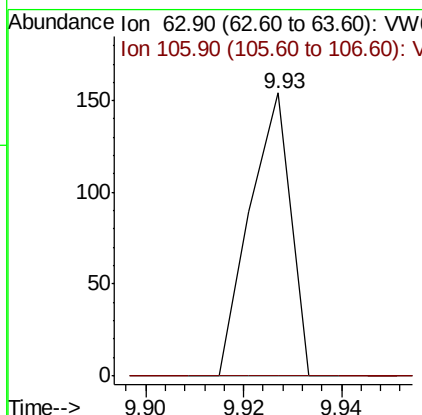
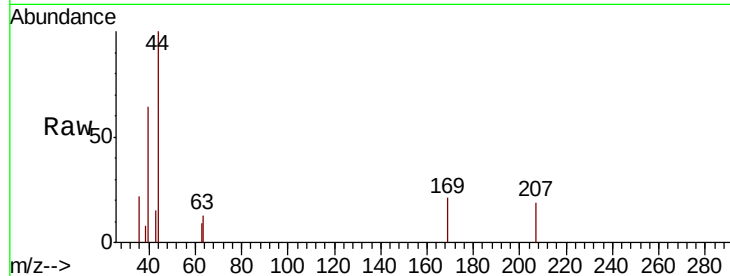




#58
 2-Chloroethyl Vinyl ether
 Concen: 9.000 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004544.D
 Acq: 08 Aug 2018 22:52

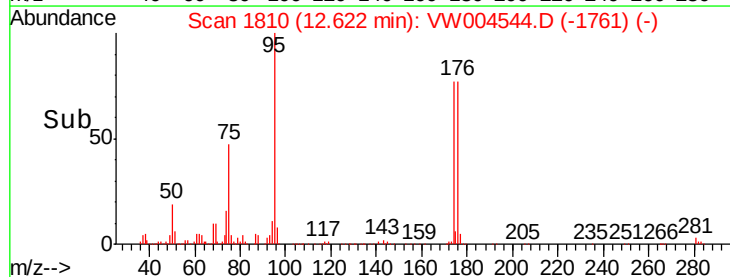
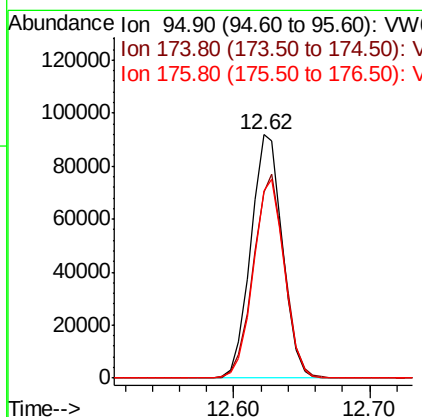
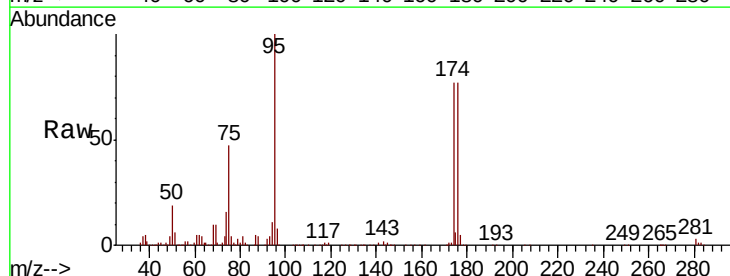
Instrument :
 MSVOA_W
 ClientSampleId :
 C-8RE

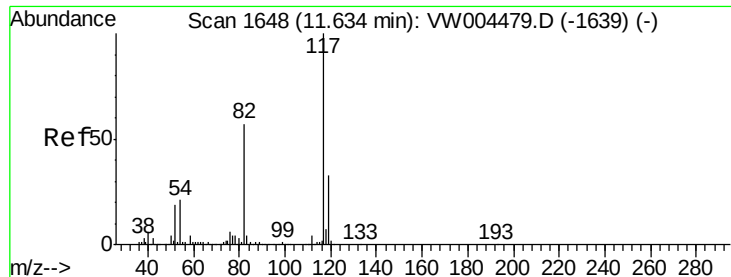
Tgt Ion: 63 Resp: 89
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 39.418 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004544.D
 Acq: 08 Aug 2018 22:52

Tgt Ion: 95 Resp: 149914
 Ion Ratio Lower Upper
 95 100
 174 82.5 0.0 160.4
 176 80.3 0.0 153.2

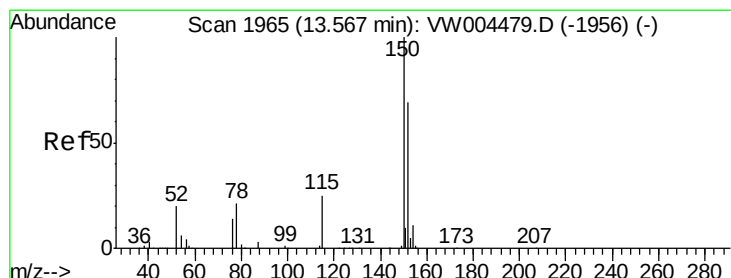
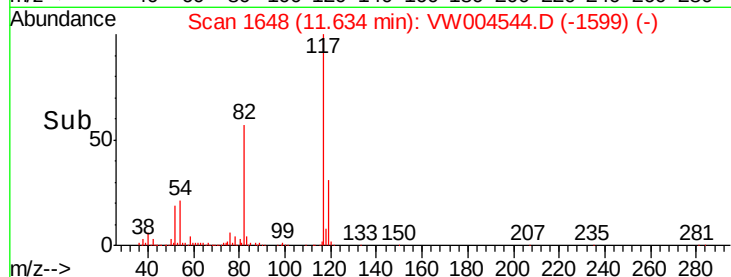
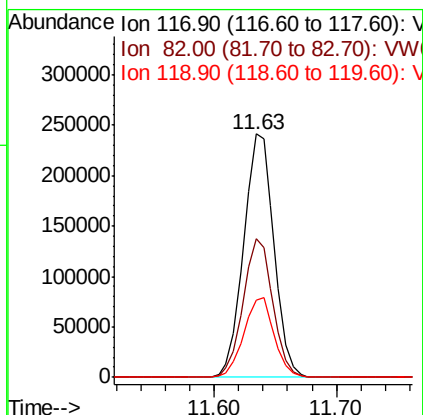
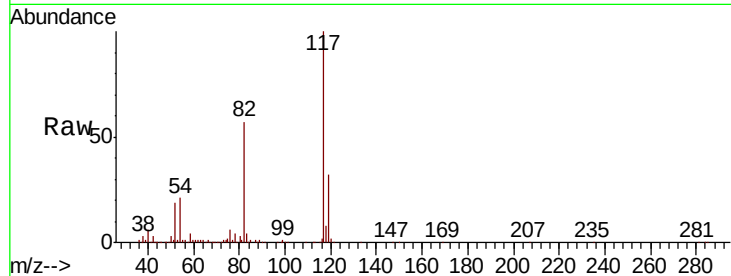




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004544.D
Acq: 08 Aug 2018 22:52

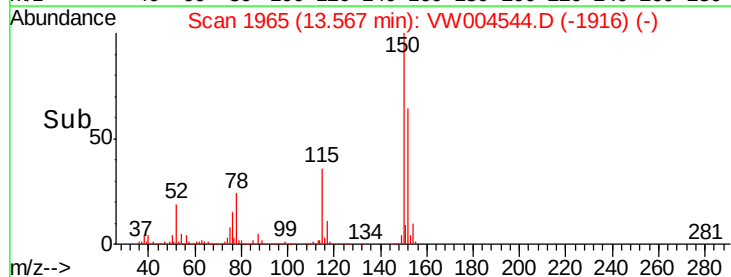
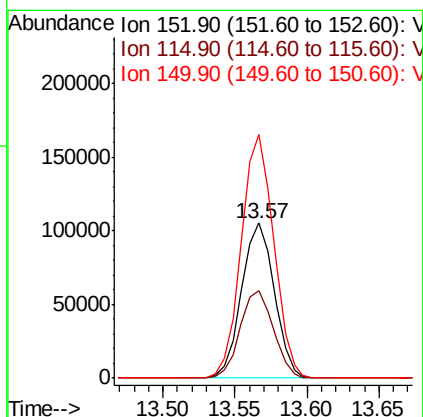
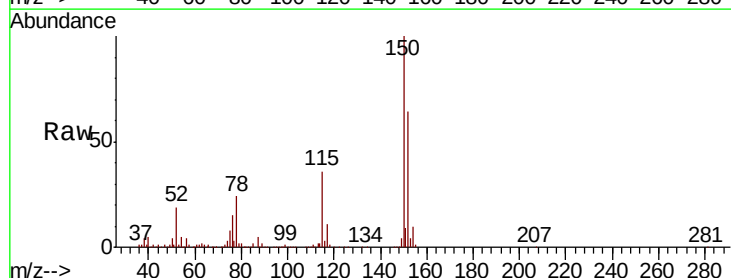
Instrument :
MSVOA_W
ClientSampleId :
C-8RE

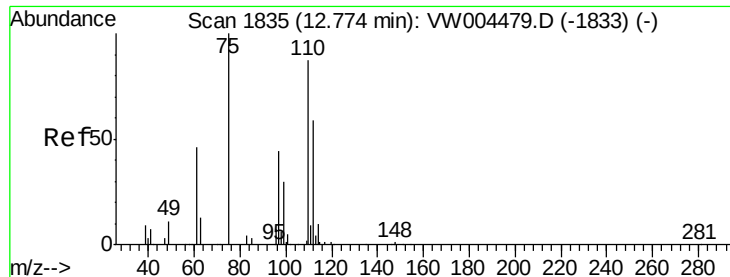
Tgt Ion:117 Resp: 414067
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004544.D
Acq: 08 Aug 2018 22:52

Tgt Ion:152 Resp: 166103
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 155.9 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 41.282 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004544.D

Acq: 08 Aug 2018 22:52

Instrument :

MSVOA_W

ClientSampleId :

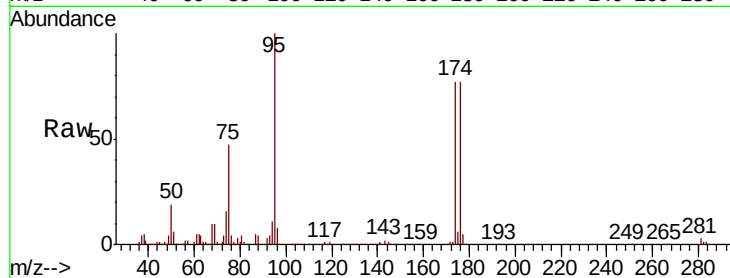
C-8RE

Tgt Ion: 75 Resp: 70955

Ion Ratio Lower Upper

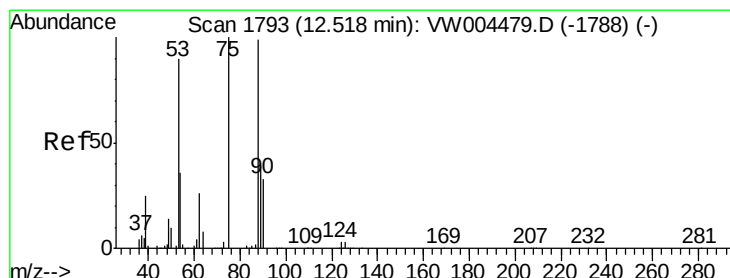
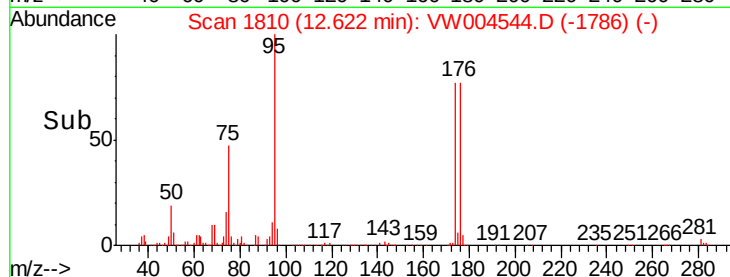
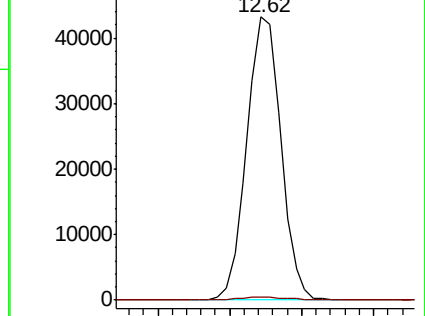
75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 98.823 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004544.D

Acq: 08 Aug 2018 22:52

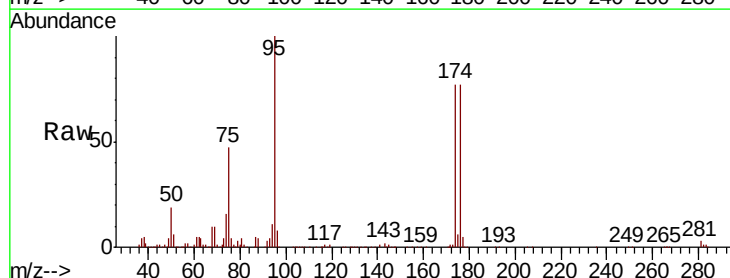
Tgt Ion: 75 Resp: 70955

Ion Ratio Lower Upper

75 100

53 0.4 74.4 111.6#

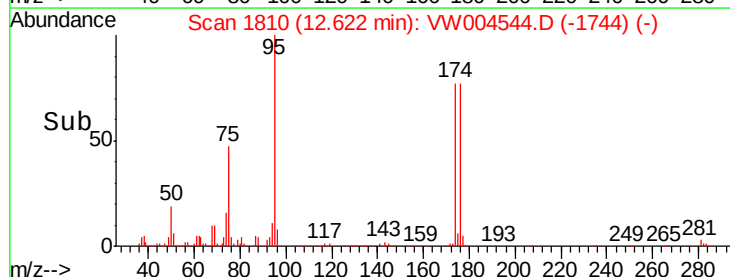
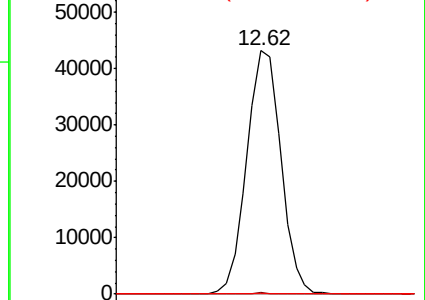
89 0.0 35.9 53.9#

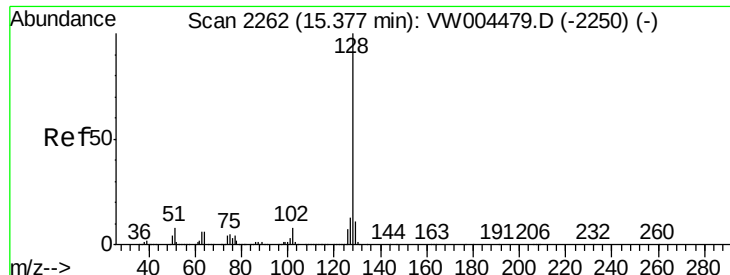


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 3.085 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004544.D

Acq: 08 Aug 2018 22:52

Instrument :

MSVOA_W

ClientSampleId :

C-8RE

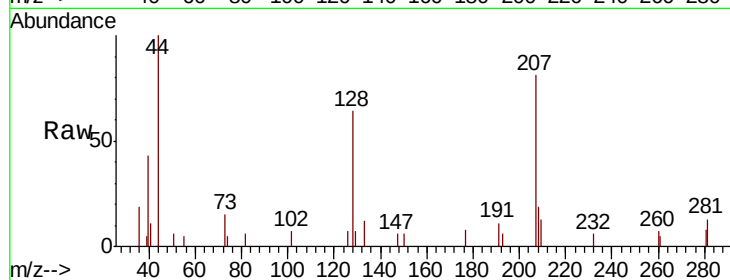
Tgt Ion:128 Resp: 1343

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

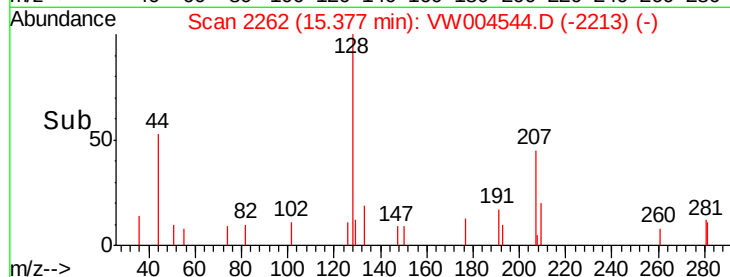
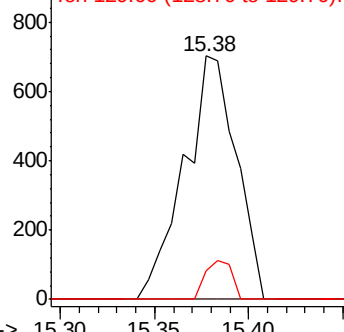
129 8.0 8.6 13.0#



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



Time--> 15.30 15.35 15.40