

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004607.D
 Acq On : 10 Aug 2018 19:33
 Operator : SY/AP
 Sample : J4398-02RE
 Misc : 3.52G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-P10A(5-10)

Quant Time: Aug 11 01:02:24 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	689494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1153898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	940446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	324809	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	350770	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
35) Dibromofluoromethane	7.88	113	333884	43.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.80%	
50) Toluene-d8	10.33	98	1098590	37.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.90%	
62) 4-Bromofluorobenzene	12.62	95	279958	26.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.00%	

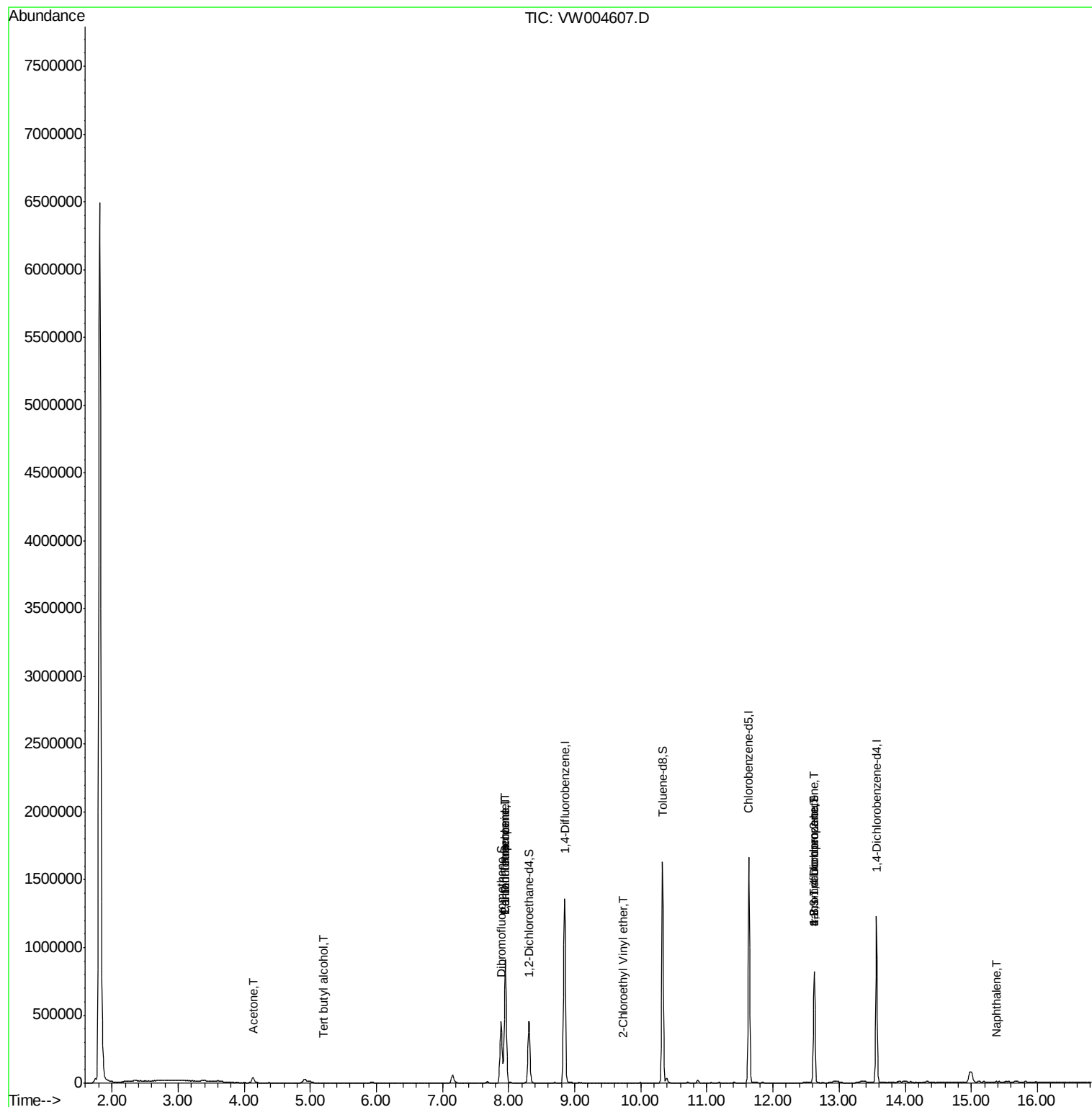
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	1203	2.692	ug/l #	75
16) Acetone	4.13	43	67906	35.626	ug/l	99
20) Methylene Chloride	4.92	84	24501	Below Cal		89
36) 1,1-Dichloropropene	7.95	75	54193	4.362	ug/l #	48
38) Carbon Tetrachloride	7.95	117	64937	5.808	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.73	63	27	8.950	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	133567	39.740	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	133567	95.131	ug/l #	12
95) Naphthalene	15.38	128	2773	3.095	ug/l #	96

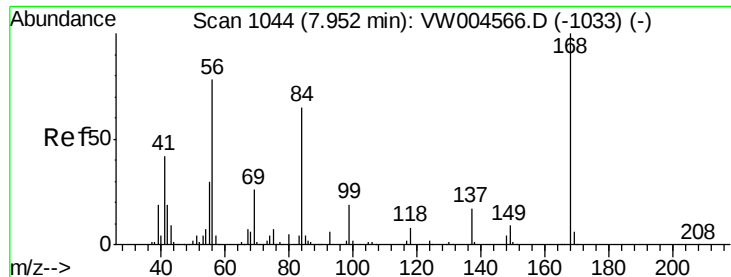
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
Data File : VW004607.D
Acq On : 10 Aug 2018 19:33
Operator : SY/AP
Sample : J4398-02RE
Misc : 3.52G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(5-10)

Quant Time: Aug 11 01:02:24 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: VW004607.D

Acq: 10 Aug 2018 19:33

Instrument :

MSVOA_W

ClientSampleId :

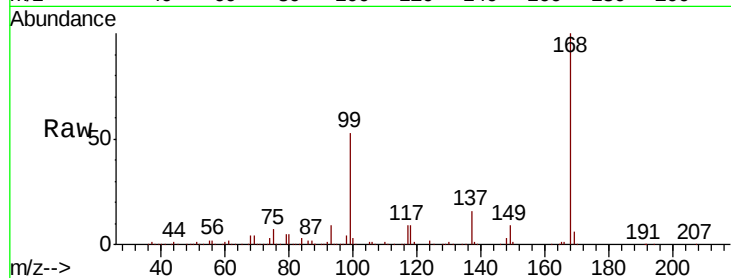
EPE-P10A(5-10)

Tgt Ion:168 Resp: 689494

Ion Ratio Lower Upper

168 100

99 53.3 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

300000

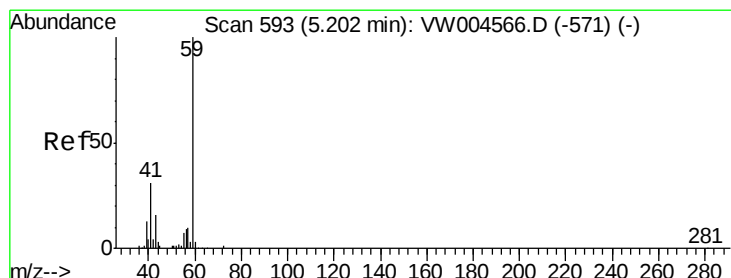
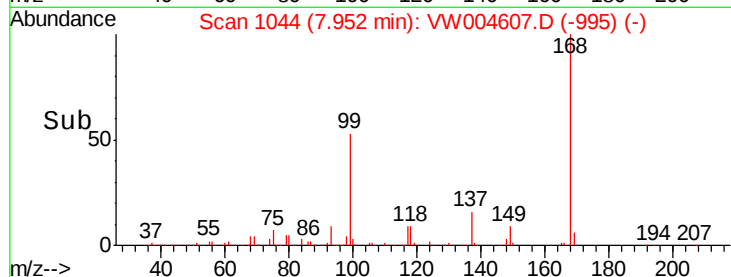
200000

100000

0

Time-->

7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.692 ug/l

RT: 5.20 min Scan# 593

Delta R.T. -0.01 min

Lab File: VW004607.D

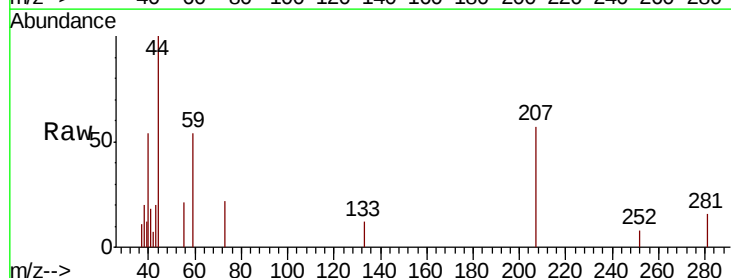
Acq: 10 Aug 2018 19:33

Tgt Ion: 59 Resp: 1203

Ion Ratio Lower Upper

59 100

57 1.7 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

500

400

300

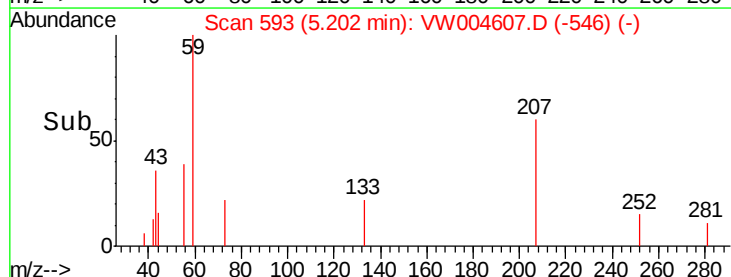
200

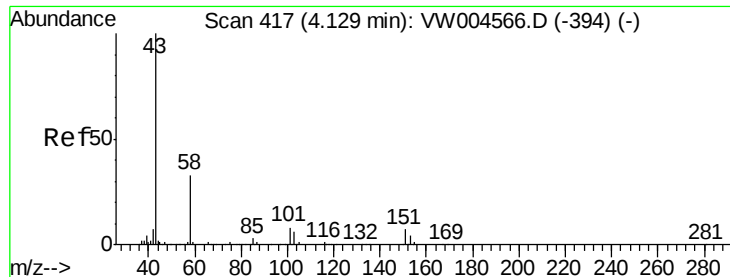
100

0

Time-->

5.15 5.20 5.25

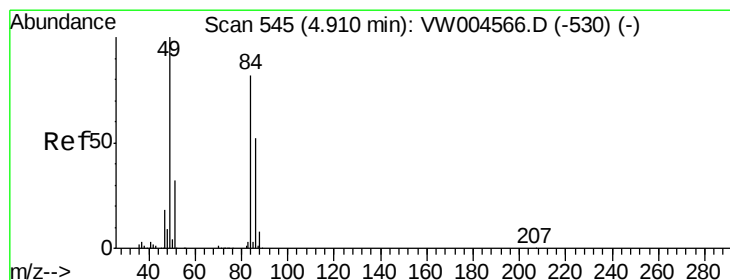
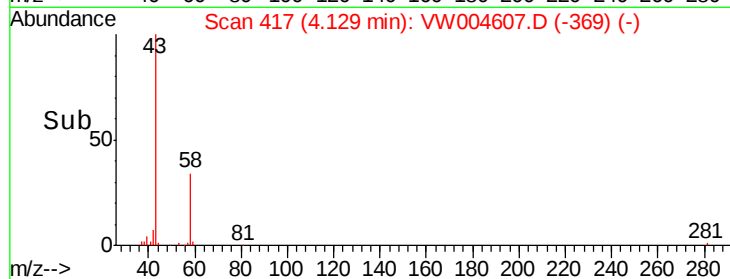
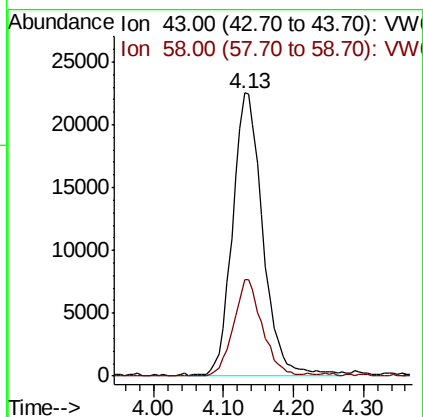
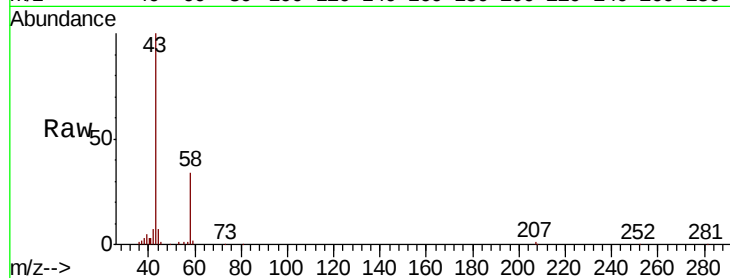




#16
Acetone
Concen: 35.626 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW004607.D
Acq: 10 Aug 2018 19:33

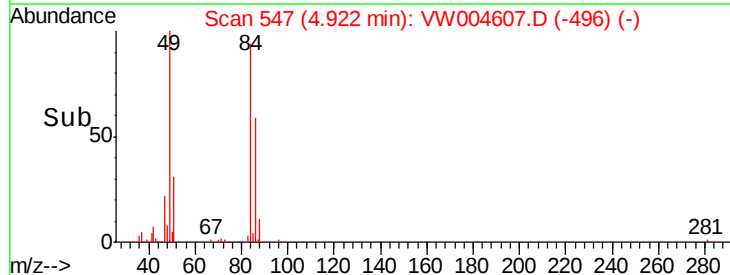
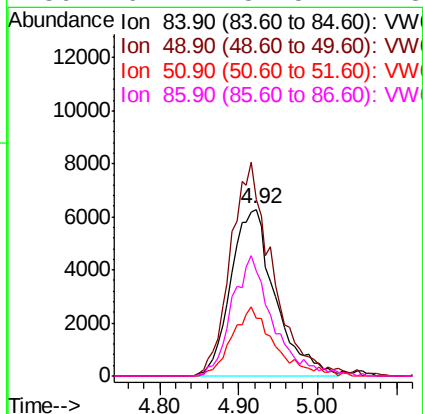
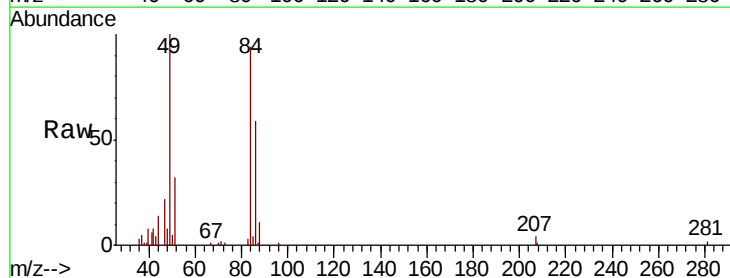
Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(5-10)

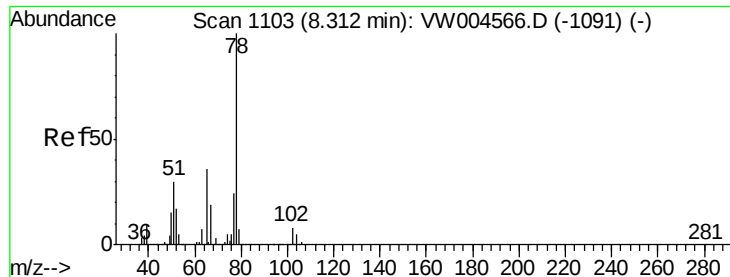
Tgt Ion: 43 Resp: 67906
Ion Ratio Lower Upper
43 100
58 34.3 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW004607.D
Acq: 10 Aug 2018 19:33

Tgt Ion: 84 Resp: 24501
Ion Ratio Lower Upper
84 100
49 106.4 99.6 149.4
51 34.3 31.0 46.4
86 62.7 51.5 77.3

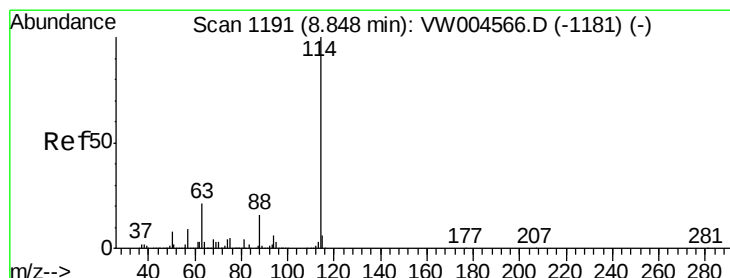
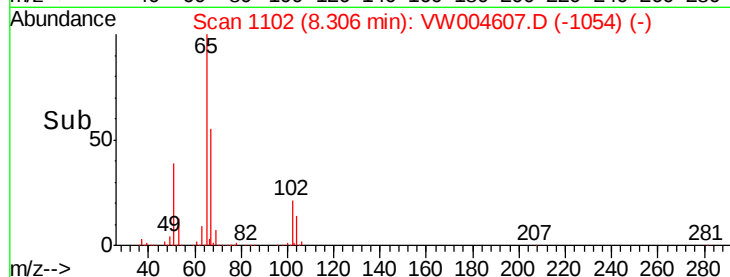
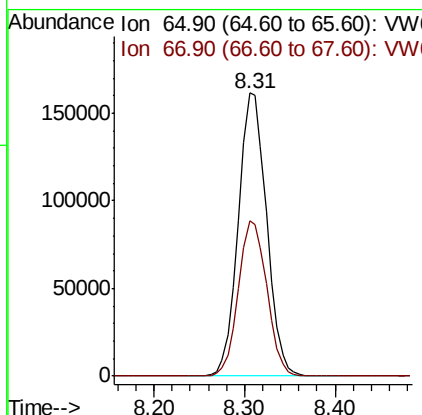
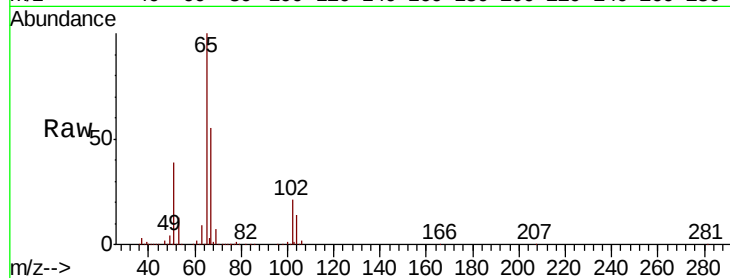




#33
 1,2-Dichloroethane-d4
 Concen: 45.957 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004607.D
 Acq: 10 Aug 2018 19:33

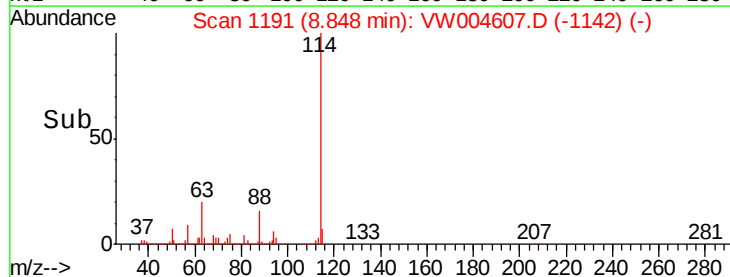
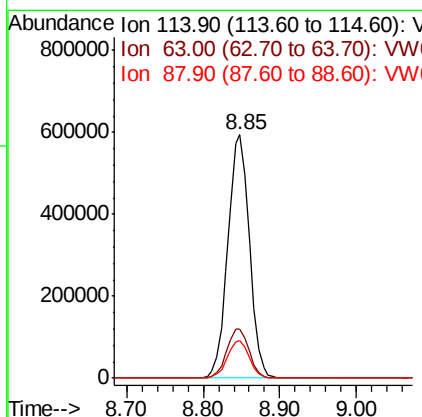
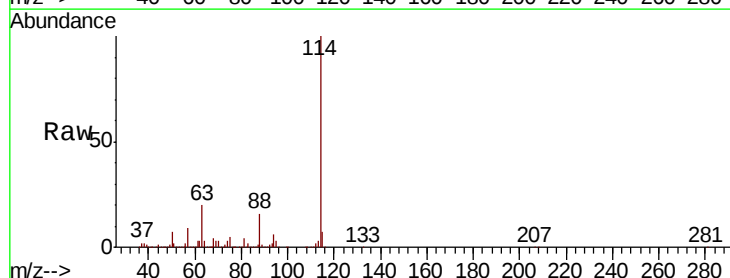
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-P10A(5-10)

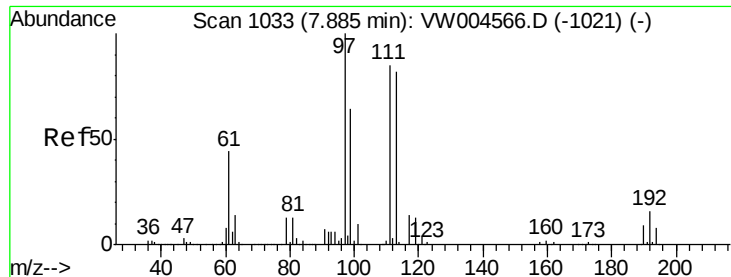
Tgt Ion: 65 Resp: 350770
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004607.D
 Acq: 10 Aug 2018 19:33

Tgt Ion: 114 Resp: 1153898
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 43.396 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004607.D

Acq: 10 Aug 2018 19:33

Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(5-10)

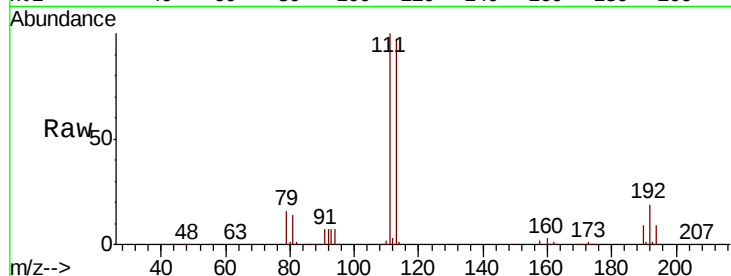
Tgt Ion:113 Resp: 333884

Ion Ratio Lower Upper

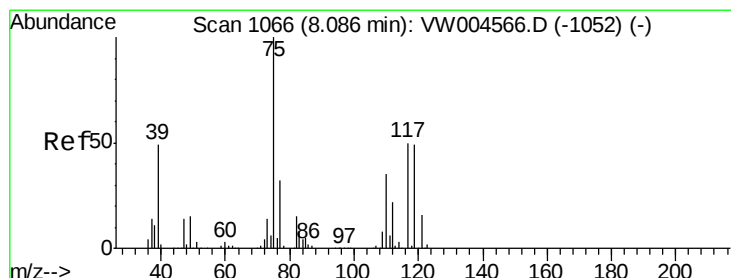
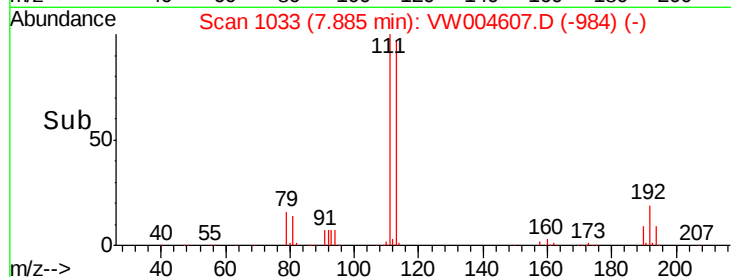
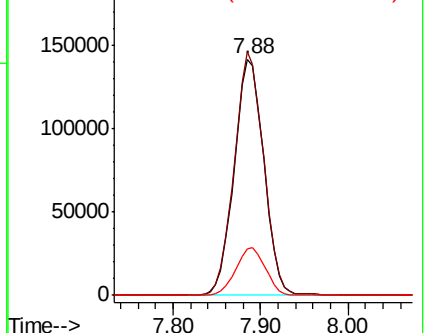
113 100

111 101.8 82.9 124.3

192 20.1 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: 4.362 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004607.D

Acq: 10 Aug 2018 19:33

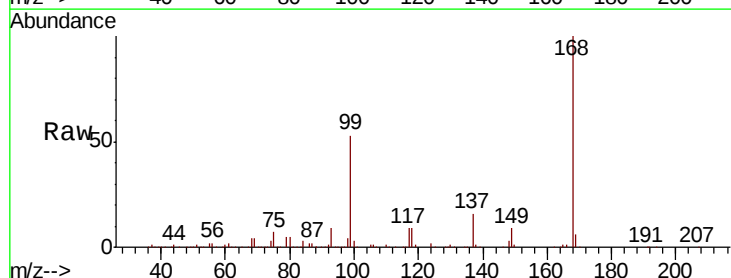
Tgt Ion: 75 Resp: 54193

Ion Ratio Lower Upper

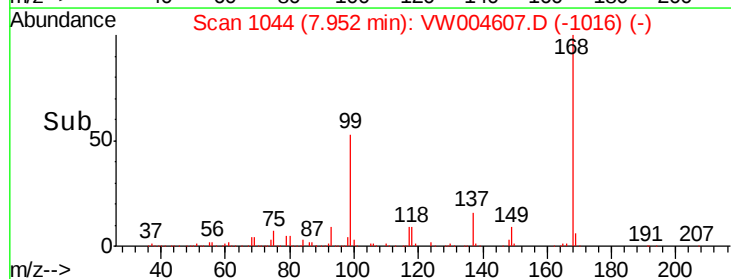
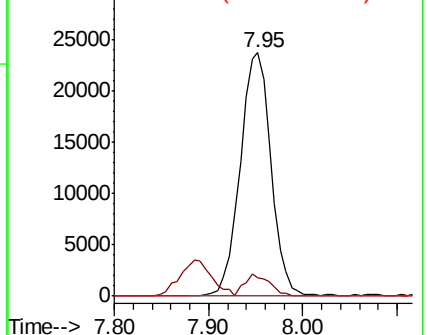
75 100

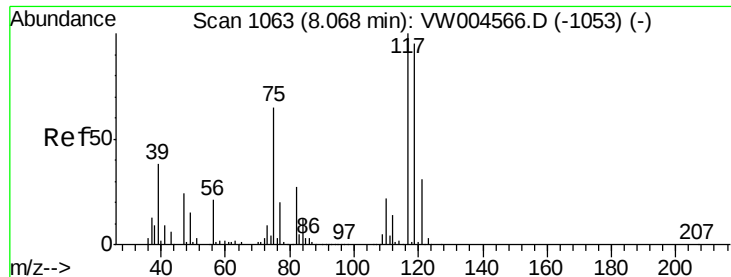
110 7.3 17.4 52.2#

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

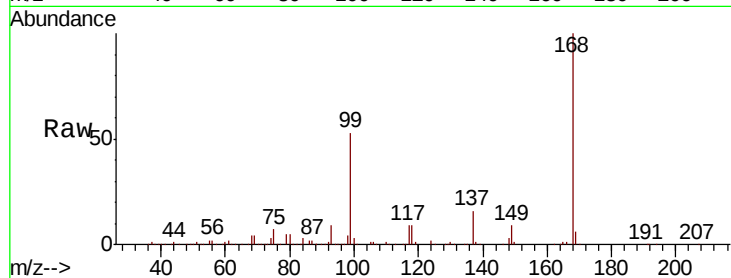




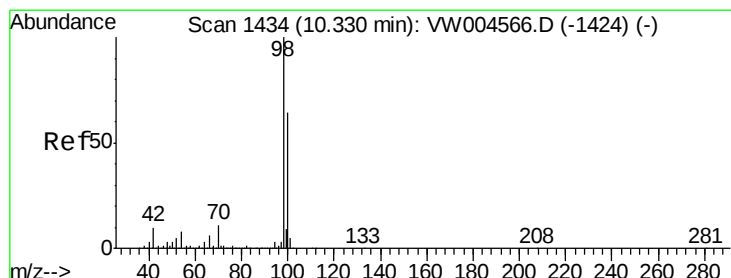
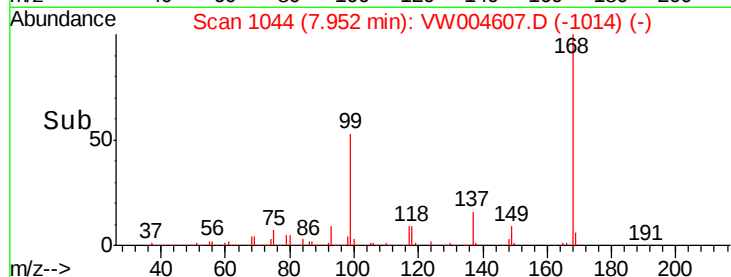
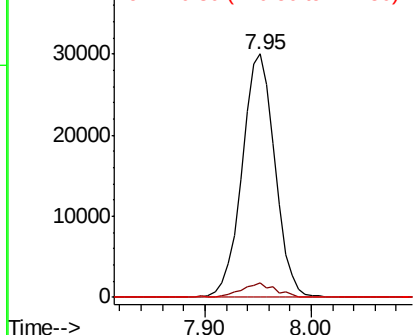
#38
Carbon Tetrachloride
Concen: 5.808 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004607.D
Acq: 10 Aug 2018 19:33

Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(5-10)

Tgt Ion:117 Resp: 64937
Ion Ratio Lower Upper
117 100
119 6.1 76.1 114.1#
121 0.0 24.2 36.4#

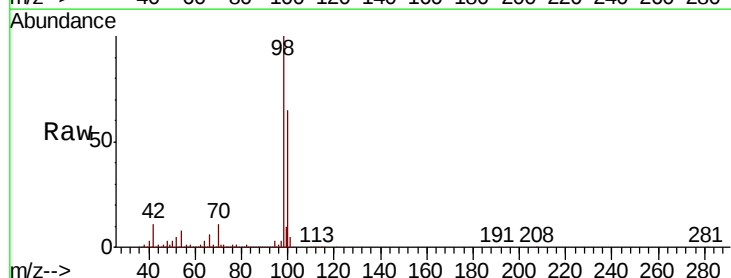


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

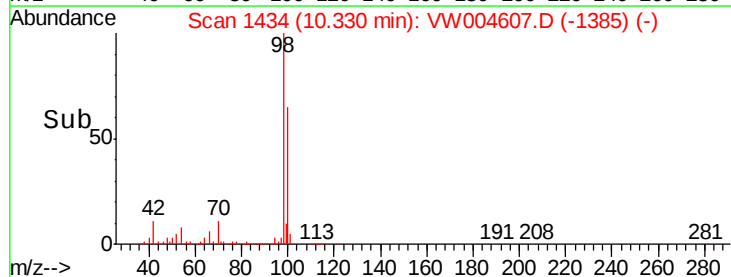
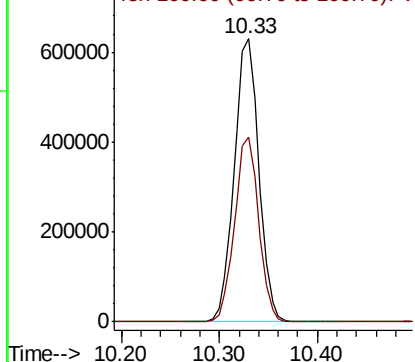


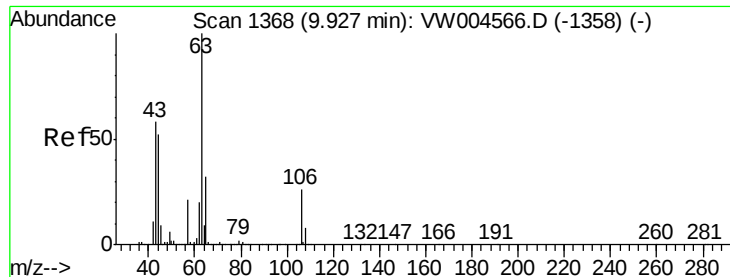
#50
Toluene-d8
Concen: 37.454 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004607.D
Acq: 10 Aug 2018 19:33

Tgt Ion: 98 Resp: 1098590
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2



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

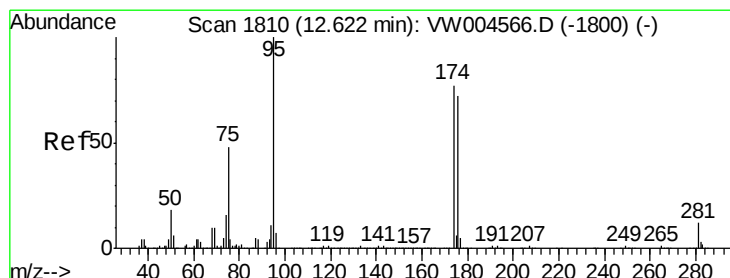
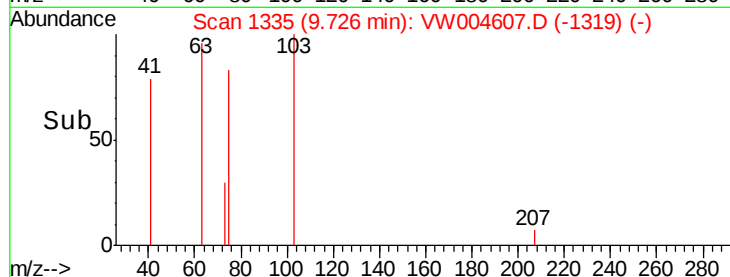
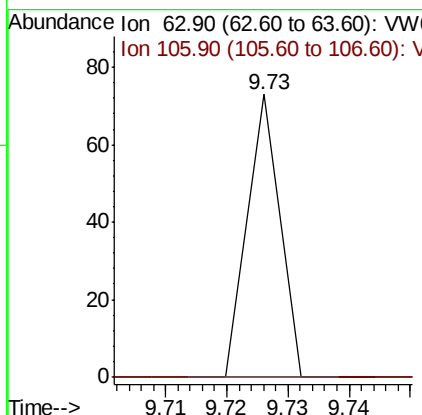
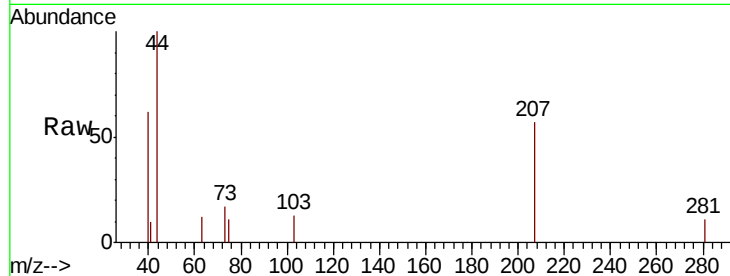




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.950 ug/l
 RT: 9.73 min Scan# 1335
 Delta R.T. -0.20 min
 Lab File: VW004607.D
 Acq: 10 Aug 2018 19:33

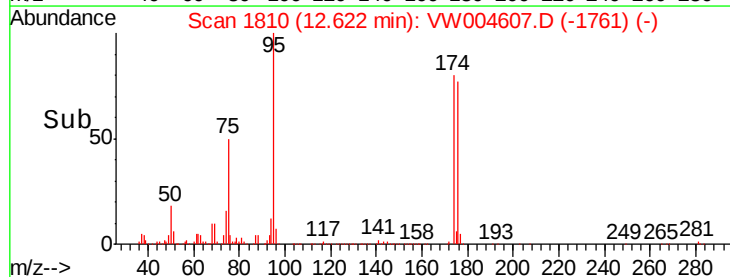
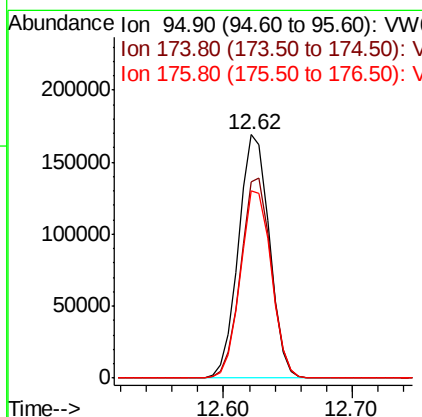
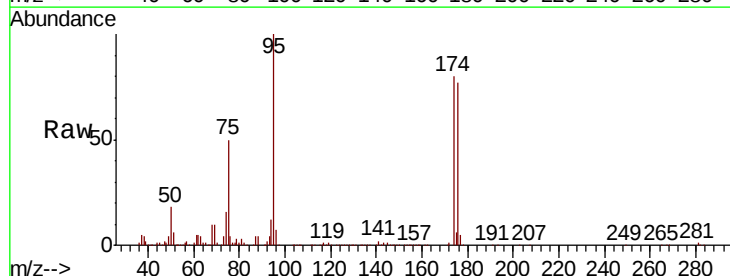
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-P10A(5-10)

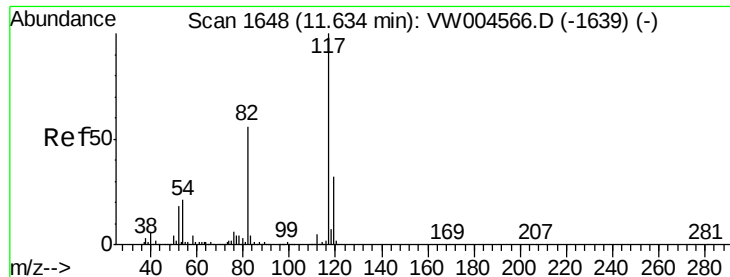
Tgt Ion: 63 Resp: 27
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 26.497 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004607.D
 Acq: 10 Aug 2018 19:33

Tgt Ion: 95 Resp: 279958
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 160.4
 176 77.4 0.0 153.2

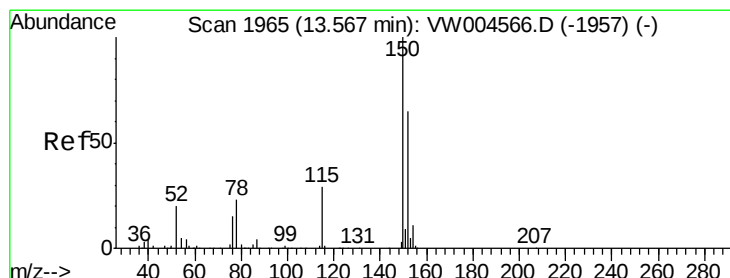
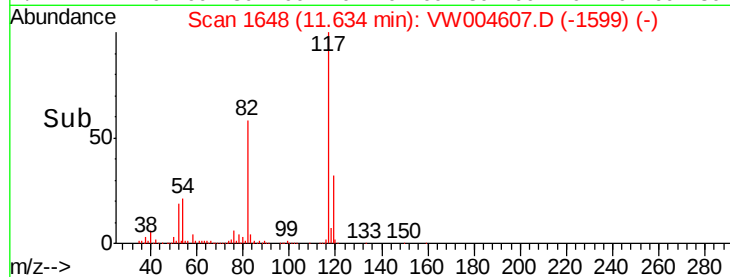
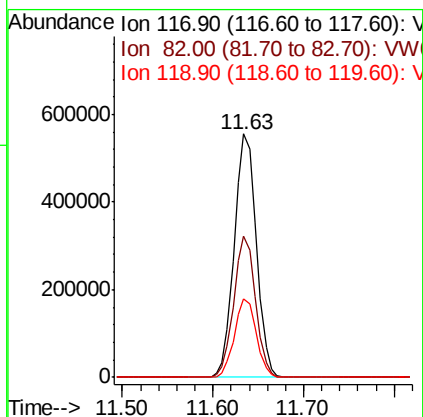
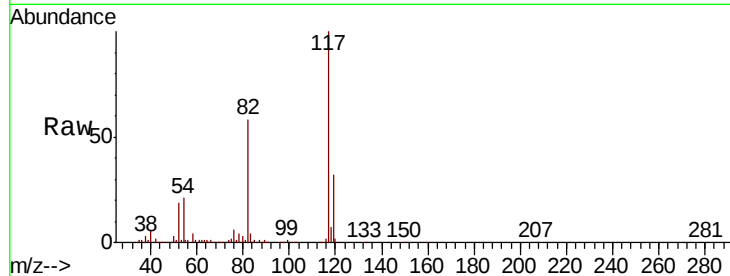




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004607.D
Acq: 10 Aug 2018 19:33

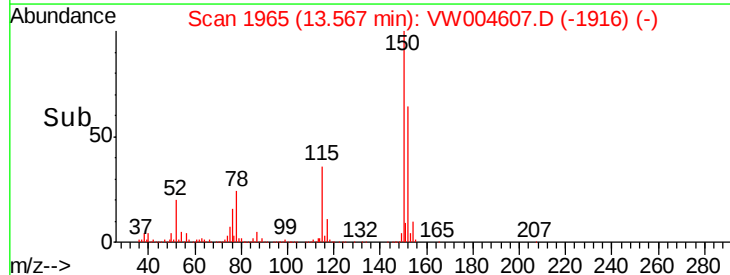
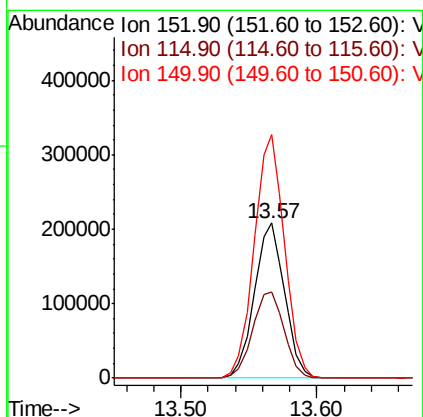
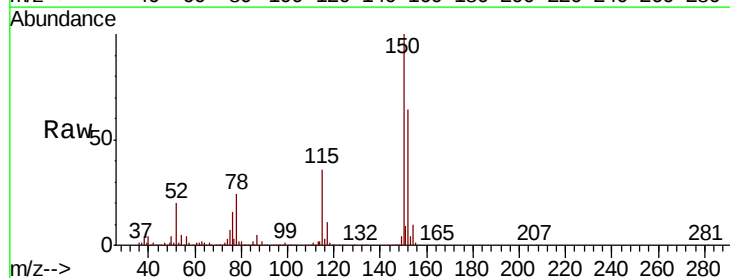
Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(5-10)

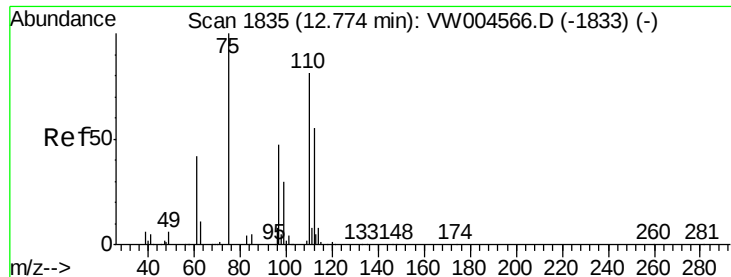
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.3	67.9
119	32.0	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004607.D
Acq: 10 Aug 2018 19:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.1	87.3
150	157.0	0.0	349.6





#76

1,2,3-Trichloropropane

Concen: 39.740 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004607.D

Acq: 10 Aug 2018 19:33

Instrument :

MSVOA_W

ClientSampleId :

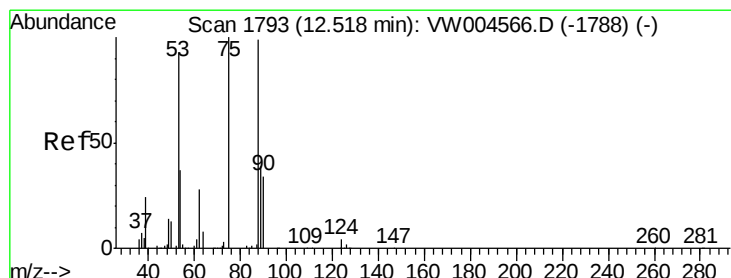
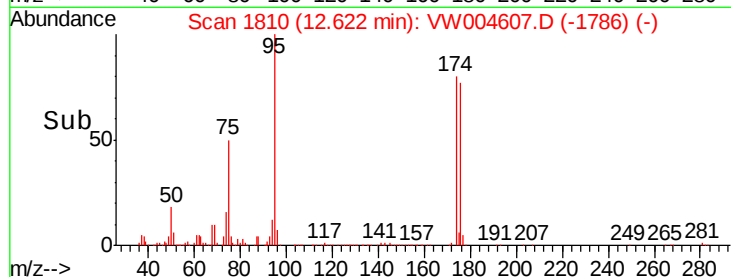
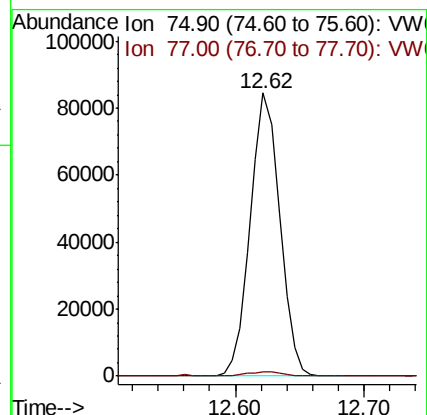
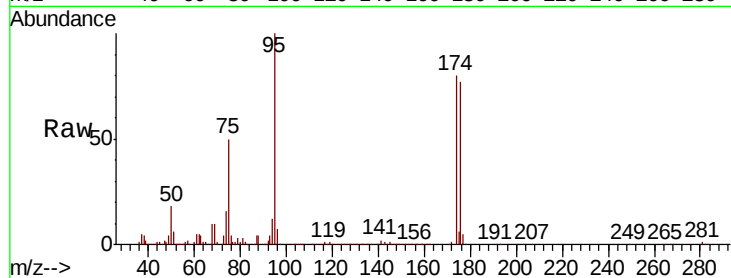
EPE-P10A(5-10)

Tgt Ion: 75 Resp: 133567

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.131 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004607.D

Acq: 10 Aug 2018 19:33

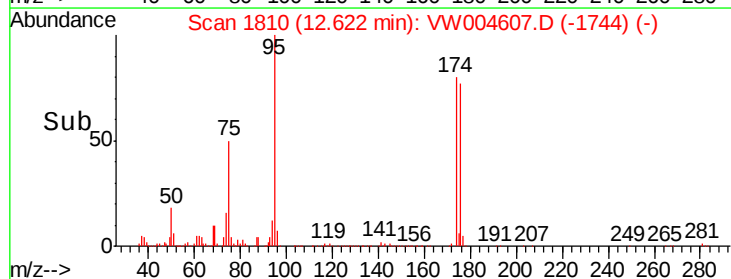
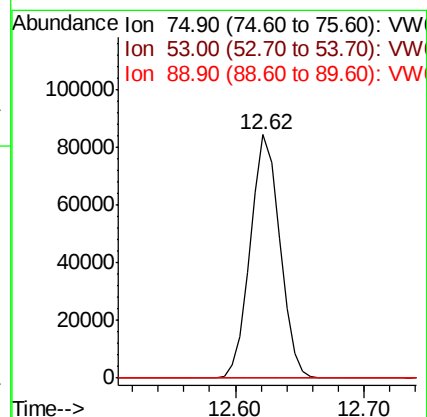
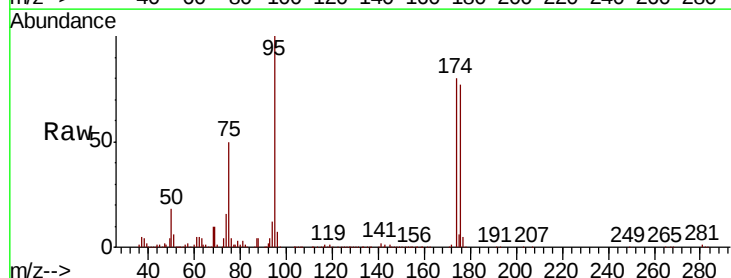
Tgt Ion: 75 Resp: 133567

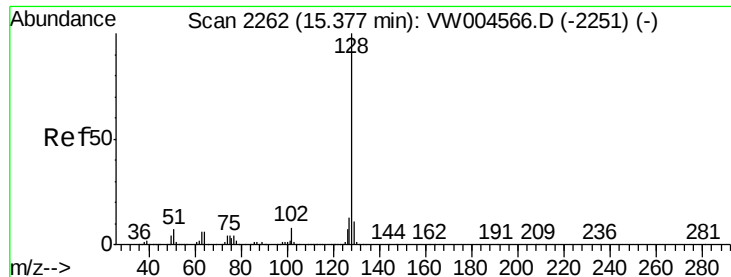
Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

89 0.0 35.9 53.9#





#95
Naphthalene
Concen: 3.095 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004607.D
Acq: 10 Aug 2018 19:33

Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(5-10)

Tgt Ion:128 Resp: 2773
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 13.6 8.6 13.0#

