

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
 Data File : VW004575.D
 Acq On : 10 Aug 2018 02:26
 Operator : SY/AP
 Sample : J4398-02
 Misc : 4.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 10 03:52:58 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	597655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1006348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	810648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	264117	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	376184	56.86	ug/l	0.00
Spiked Amount			Recovery	=	113.72%	
35) Dibromofluoromethane	7.89	113	356219	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
50) Toluene-d8	10.33	98	1139733	44.55	ug/l	0.00
Spiked Amount			Recovery	=	89.10%	
62) 4-Bromofluorobenzene	12.63	95	273469	29.68	ug/l	0.00
Spiked Amount			Recovery	=	59.36%	

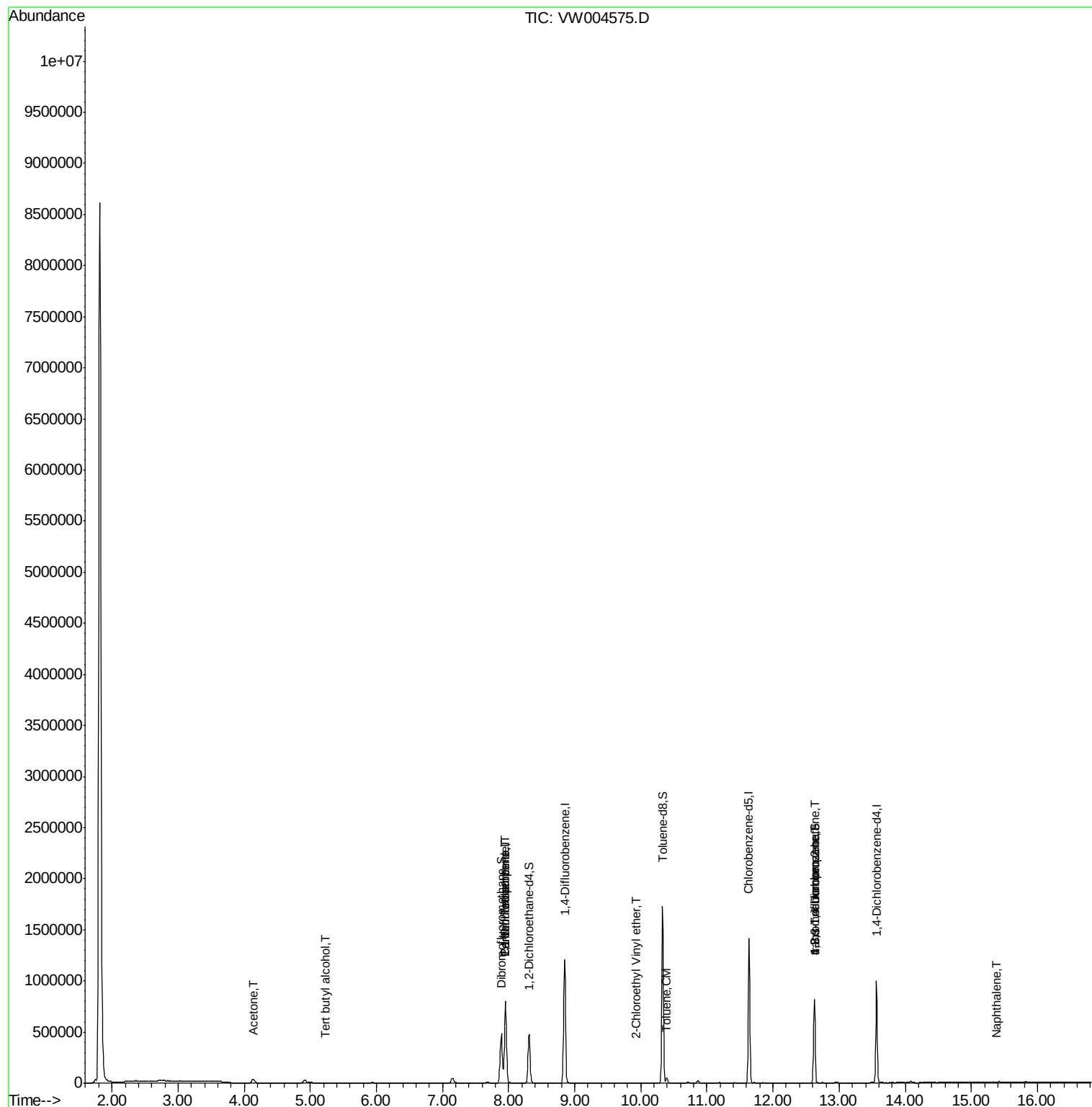
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	704	1.817	ug/l #	70
16) Acetone	4.14	43	65239	39.486	ug/l	99
20) Methylene Chloride	4.92	84	23050	Below Cal		95
36) 1,1-Dichloropropene	7.95	75	47119	4.349	ug/l #	49
38) Carbon Tetrachloride	7.95	117	56563	5.801	ug/l #	17
52) Toluene	10.39	92	20463	1.091	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.93	63	158	8.985	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	132681	48.547	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	132681	116.216	ug/l #	12
95) Naphthalene	15.38	128	1084	3.001	ug/l #	90

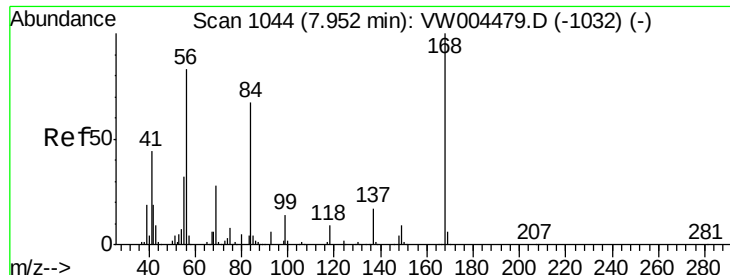
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
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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: VW004575.D

Acq: 10 Aug 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

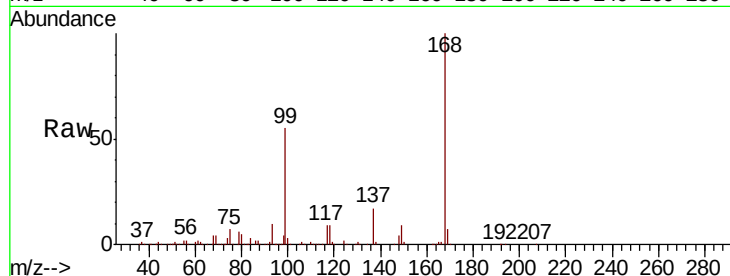
EPE-P10A(5-10)

Tgt Ion:168 Resp: 597655

Ion Ratio Lower Upper

168 100

99 54.7 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

250000

200000

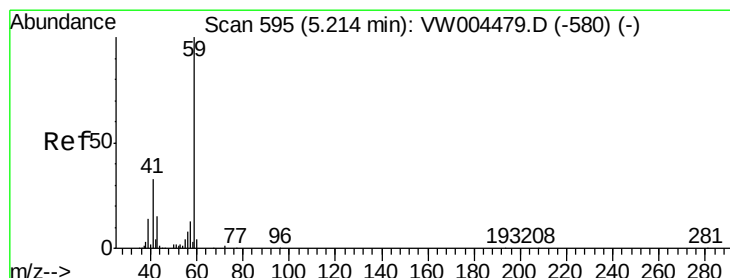
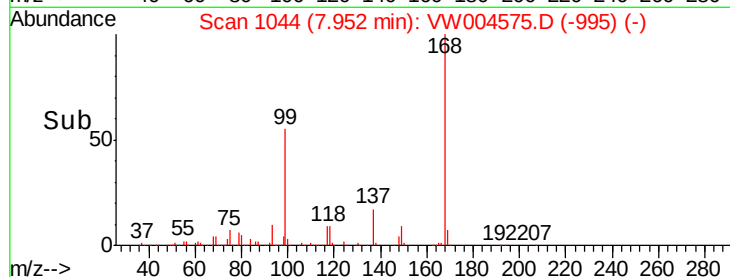
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.817 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.01 min

Lab File: VW004575.D

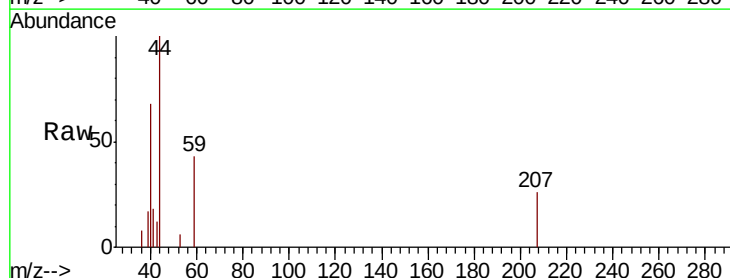
Acq: 10 Aug 2018 02:26

Tgt Ion: 59 Resp: 704

Ion Ratio Lower Upper

59 100

57 0.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.22

400

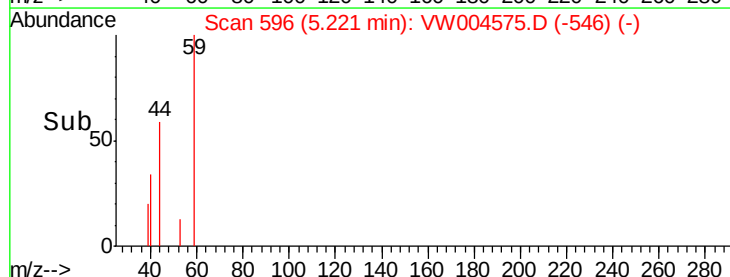
300

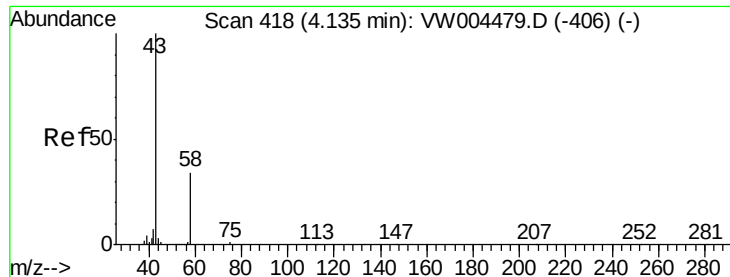
200

100

0

Time-->

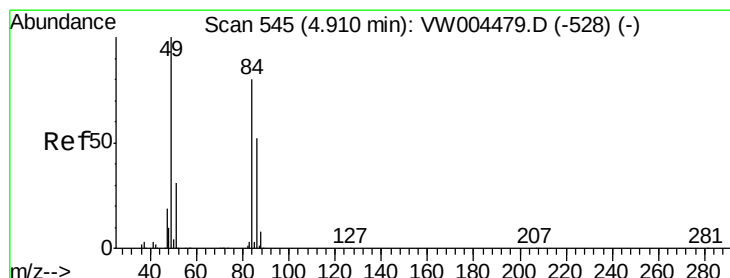
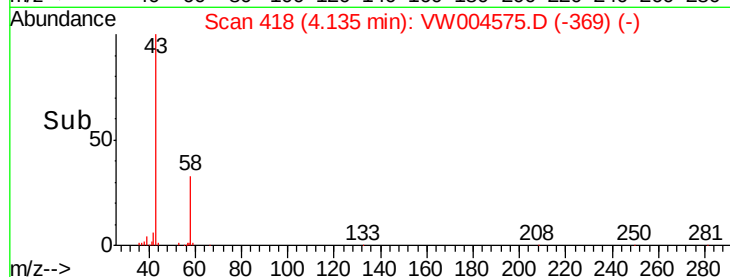
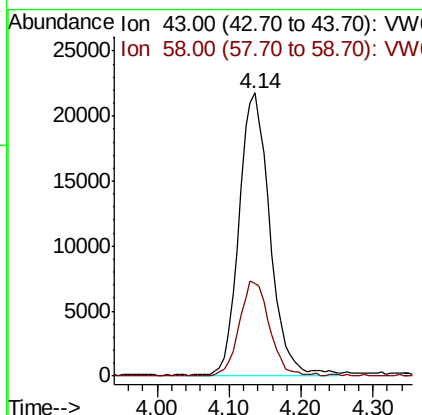
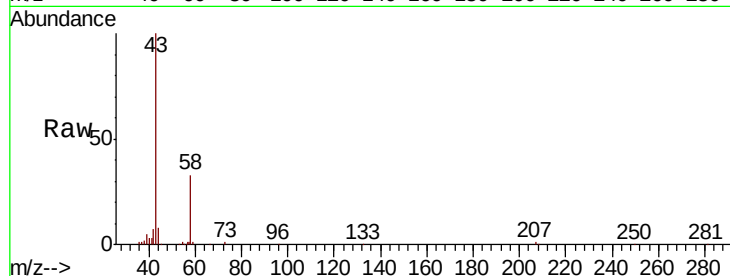




#16
Acetone
Concen: 39.486 ug/l
RT: 4.14 min Scan# 418
Delta R.T. 0.00 min
Lab File: VW004575.D
Acq: 10 Aug 2018 02:26

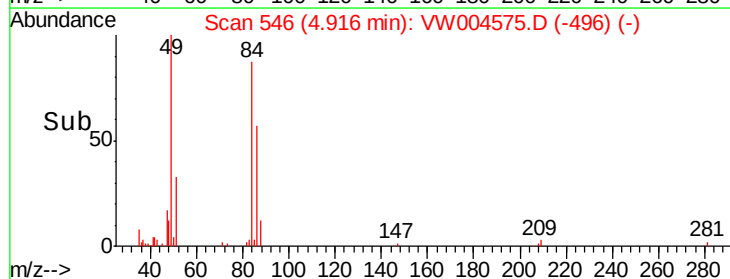
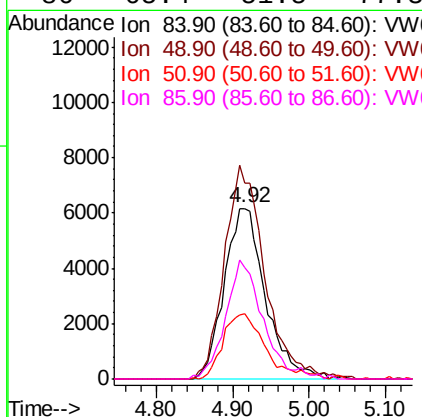
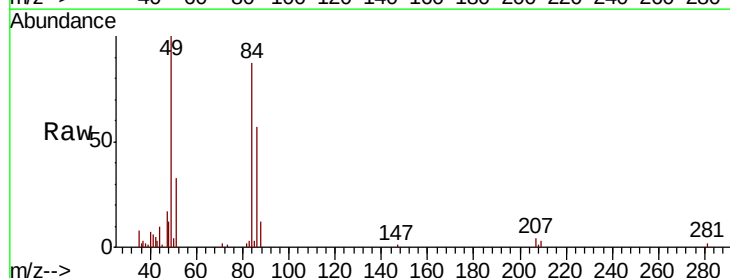
Instrument :
MSVOA_W
ClientSampleId :
EPE-P10A(5-10)

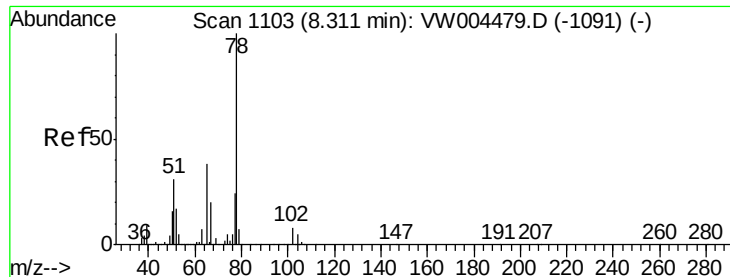
Tgt Ion: 43 Resp: 65239
Ion Ratio Lower Upper
43 100
58 32.8 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004575.D
Acq: 10 Aug 2018 02:26

Tgt Ion: 84 Resp: 23050
Ion Ratio Lower Upper
84 100
49 114.8 99.6 149.4
51 37.9 31.0 46.4
86 65.4 51.5 77.3

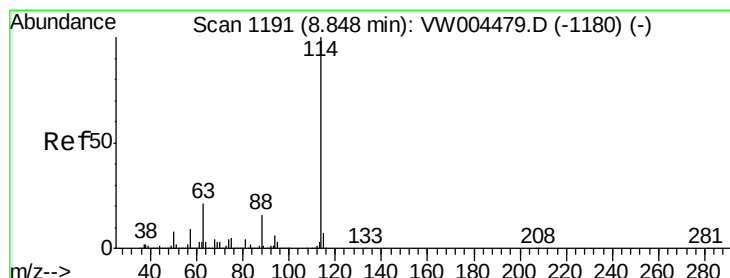
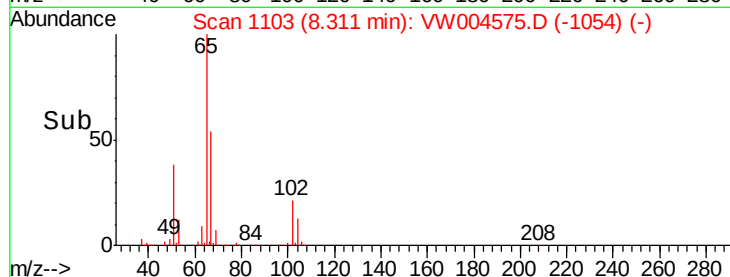
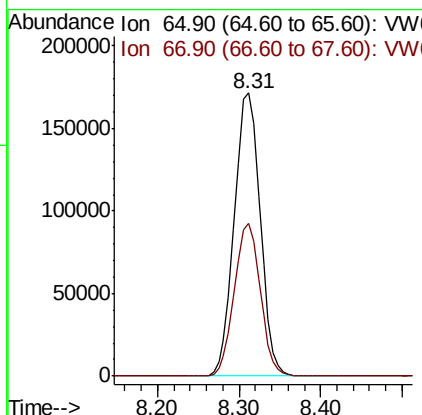
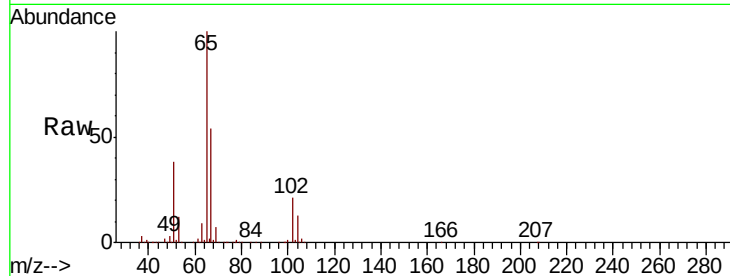




#33
 1,2-Dichloroethane-d4
 Concen: 56.861 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004575.D
 Acq: 10 Aug 2018 02:26

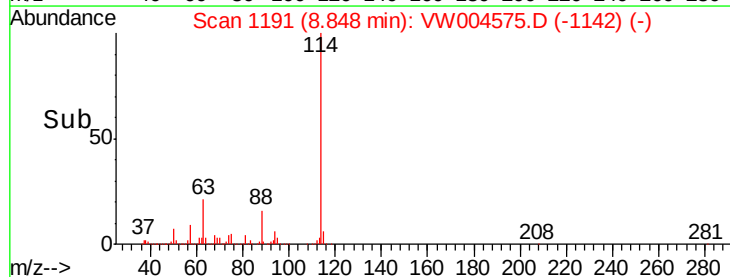
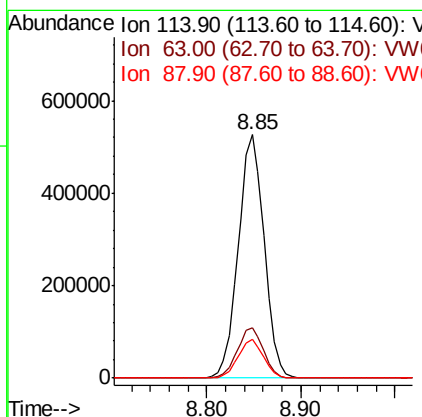
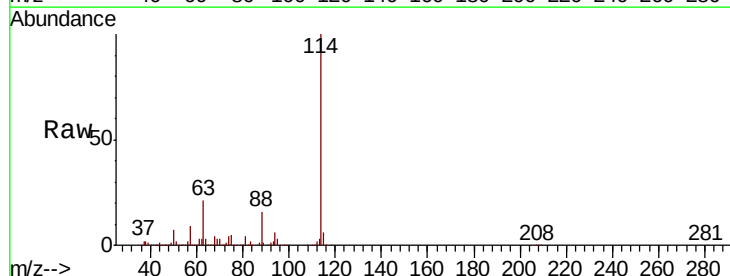
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-P10A(5-10)

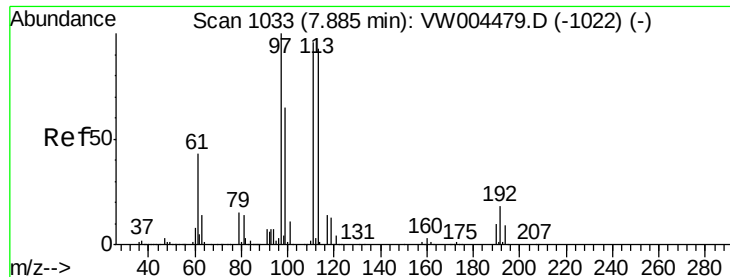
Tgt Ion: 65 Resp: 376184
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004575.D
 Acq: 10 Aug 2018 02:26

Tgt Ion: 114 Resp: 1006348
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.7 0.0 31.2

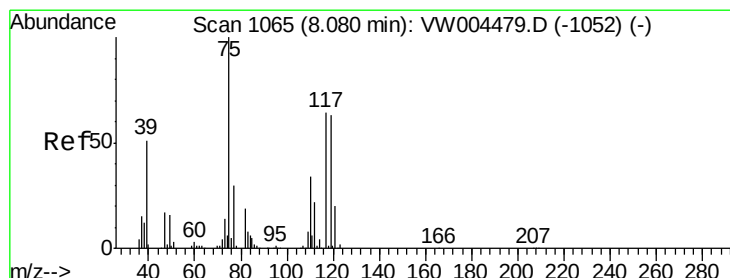
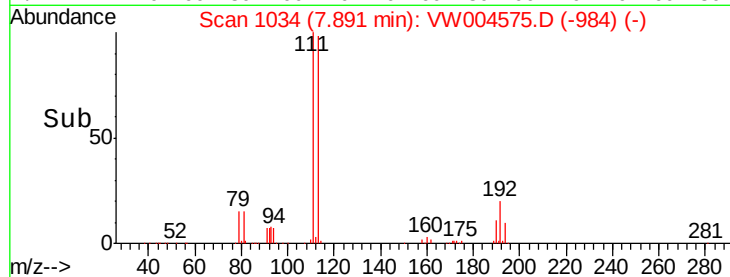
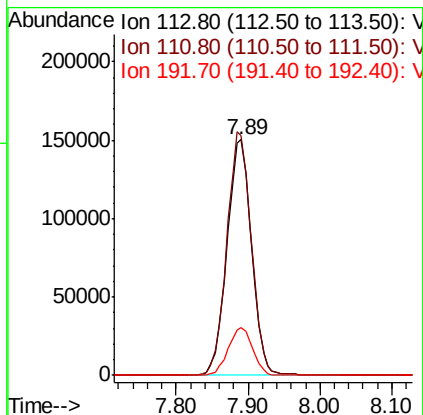
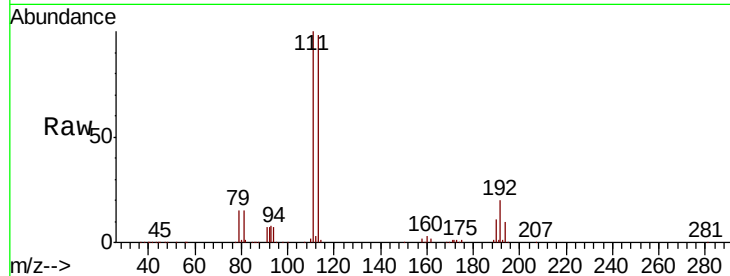




#35
 Dibromofluoromethane
 Concen: 53.088 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004575.D
 Acq: 10 Aug 2018 02:26

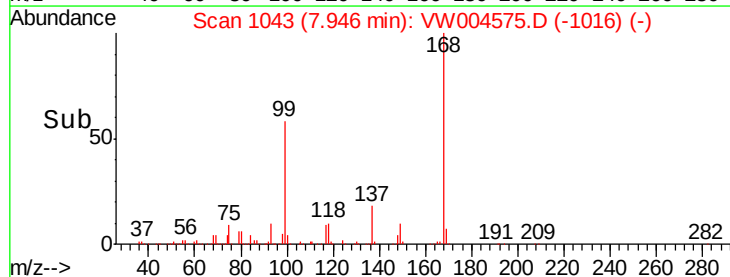
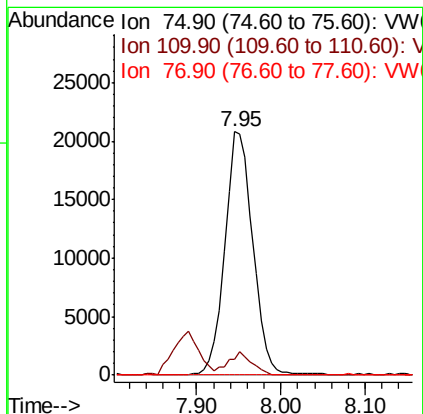
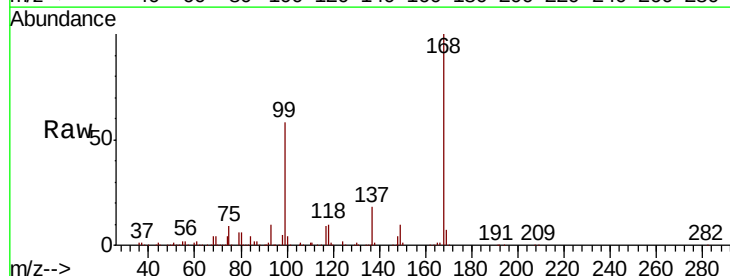
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-P10A(5-10)

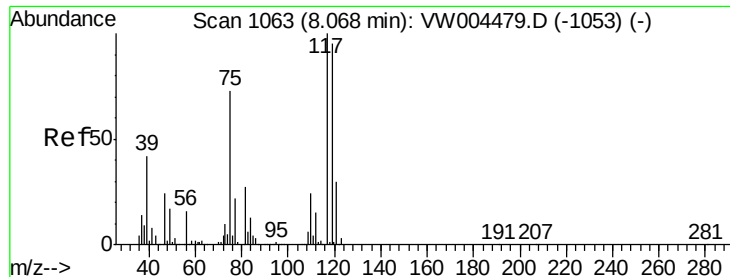
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	20.3	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.349 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004575.D
 Acq: 10 Aug 2018 02:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.4	52.2#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.801 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004575.D

Acq: 10 Aug 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

EPE-P10A(5-10)

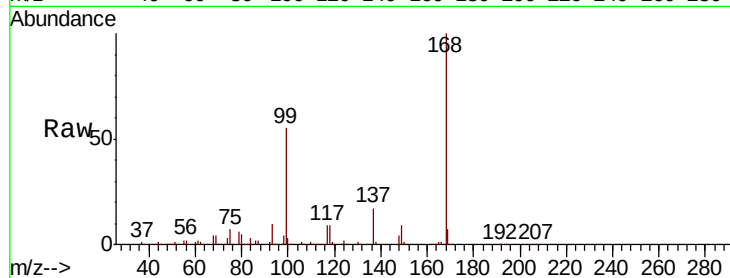
Tgt Ion:117 Resp: 56563

Ion Ratio Lower Upper

117 100

119 6.6 76.1 114.1#

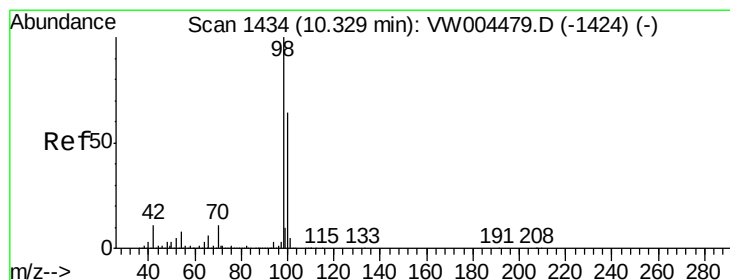
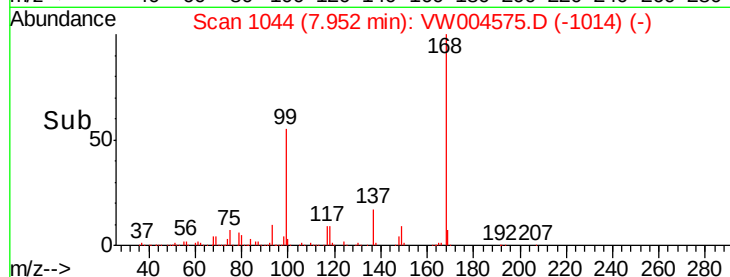
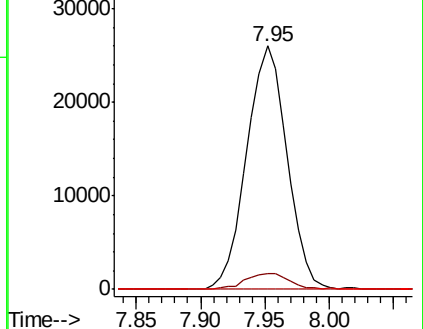
121 0.0 24.2 36.4#



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: 44.554 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004575.D

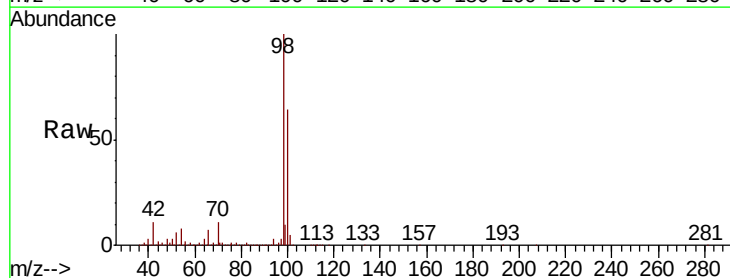
Acq: 10 Aug 2018 02:26

Tgt Ion: 98 Resp: 1139733

Ion Ratio Lower Upper

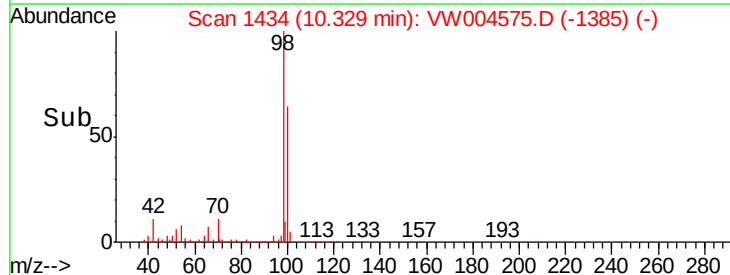
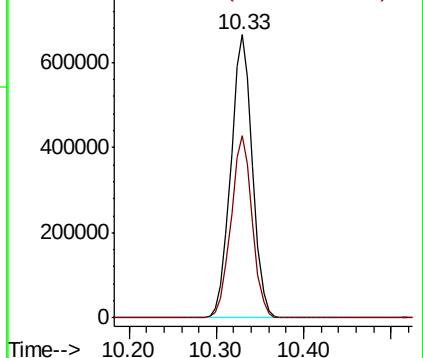
98 100

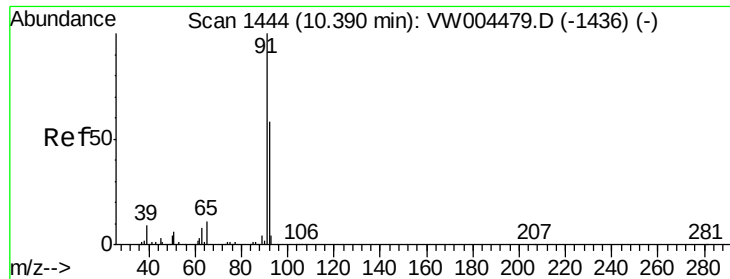
100 63.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.091 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004575.D

Acq: 10 Aug 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

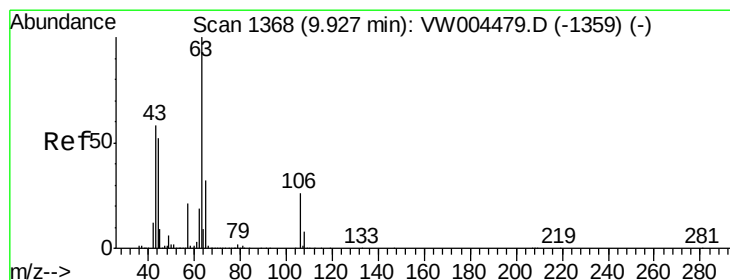
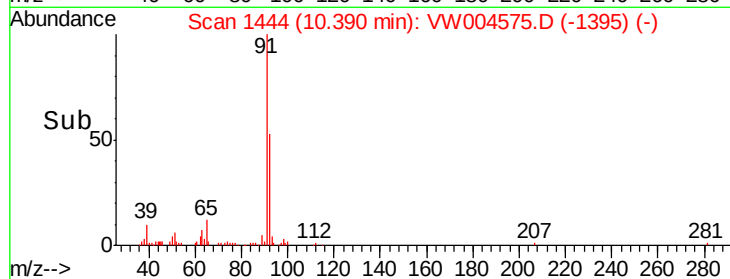
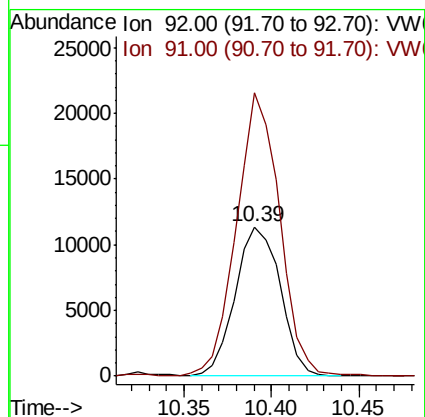
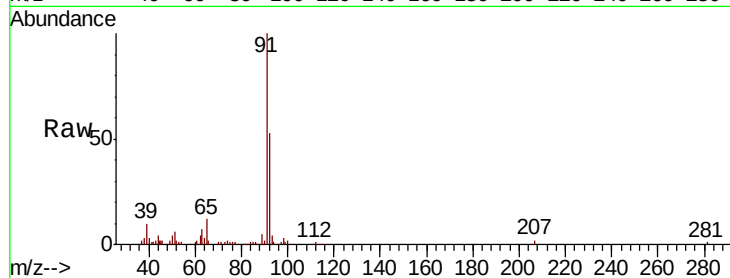
EPE-P10A(5-10)

Tgt Ion: 92 Resp: 20463

Ion Ratio Lower Upper

92 100

91 181.8 137.9 206.9



#58

2-Chloroethyl Vinyl ether

Concen: 8.985 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004575.D

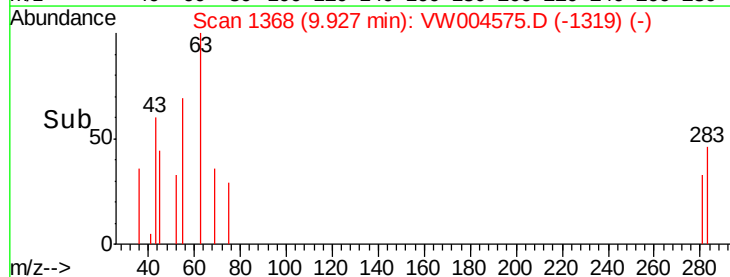
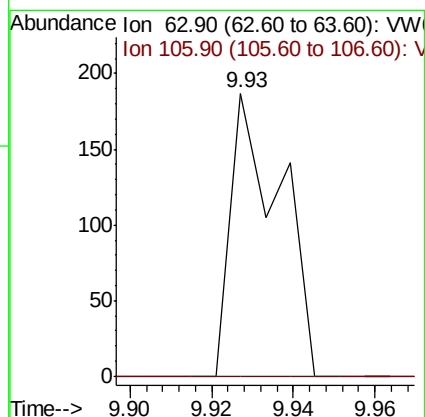
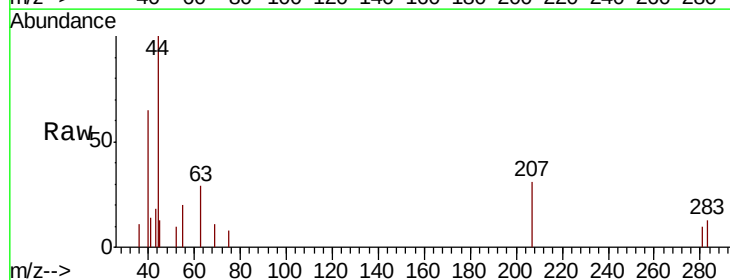
Acq: 10 Aug 2018 02:26

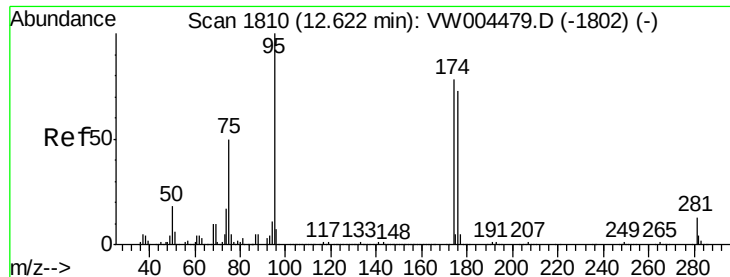
Tgt Ion: 63 Resp: 158

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#

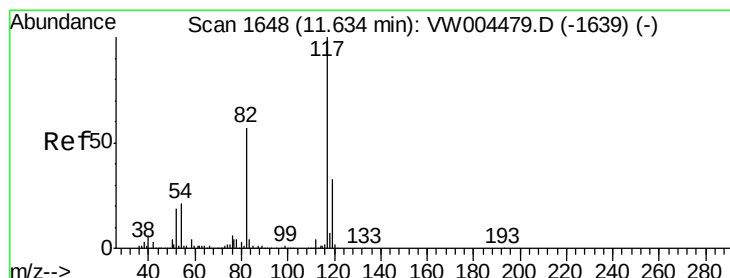
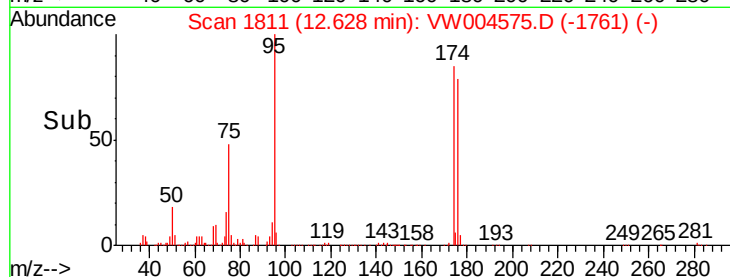
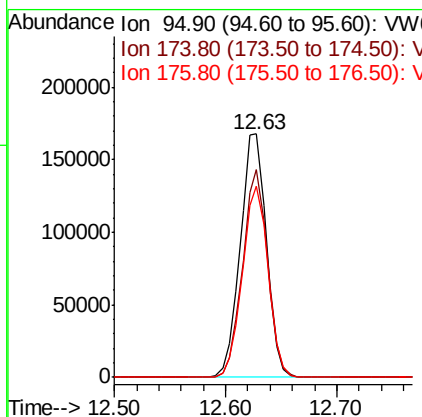
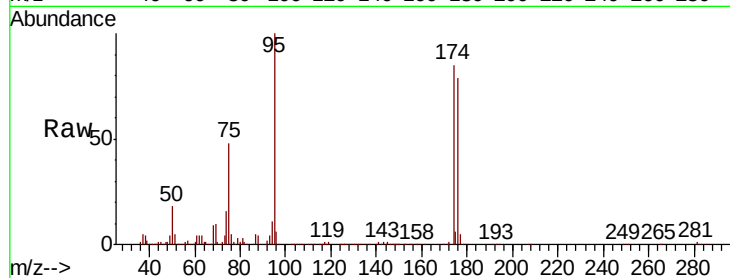




#62
4-Bromofluorobenzene
Concen: 29.677 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004575.D
Acq: 10 Aug 2018 02:26

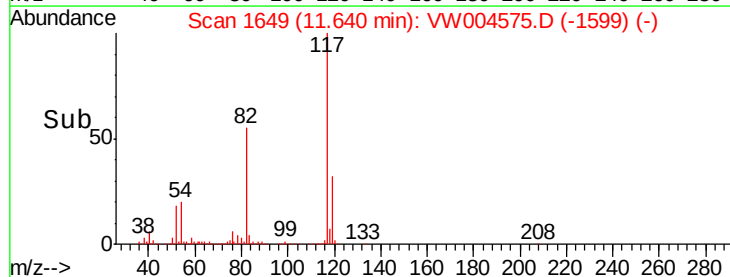
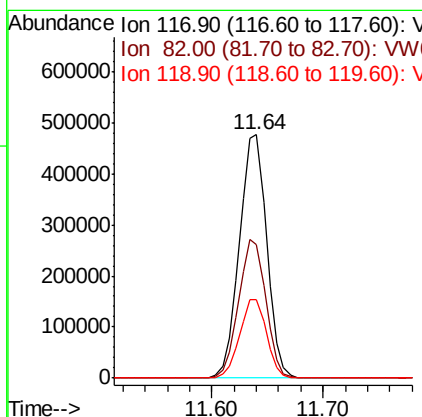
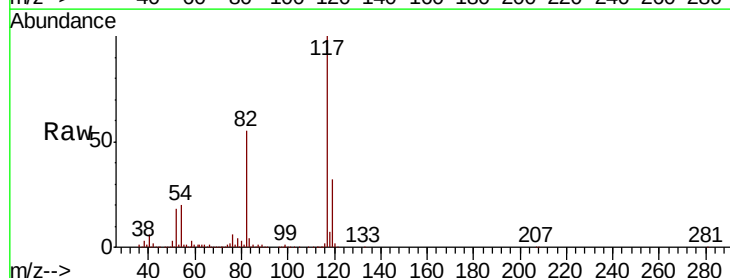
Instrument :
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EPE-P10A(5-10)

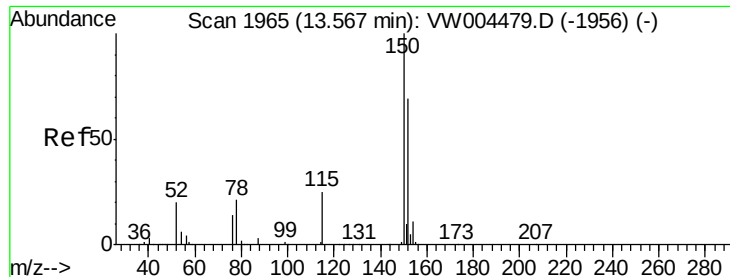
Tgt Ion: 95 Resp: 273469
Ion Ratio Lower Upper
95 100
174 81.8 0.0 160.4
176 77.2 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004575.D
Acq: 10 Aug 2018 02:26

Tgt Ion: 117 Resp: 810648
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 32.2 26.2 39.4

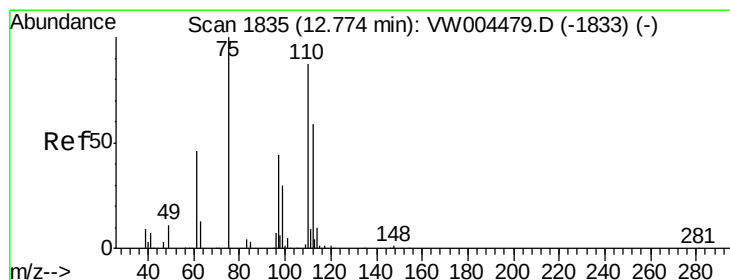
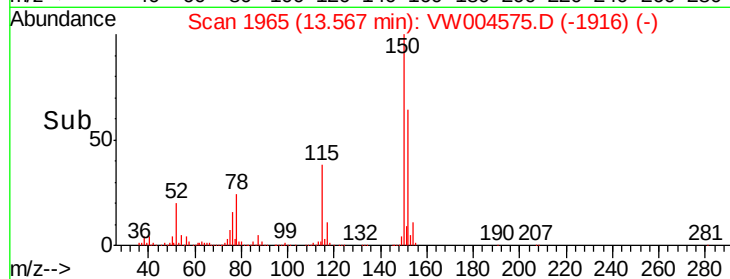
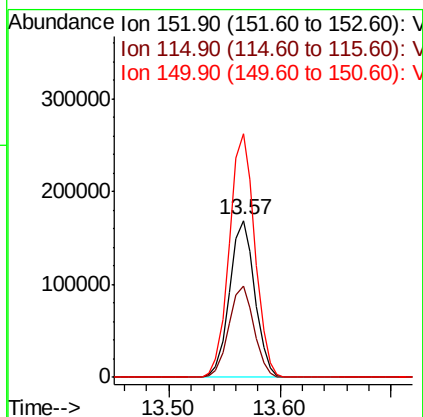
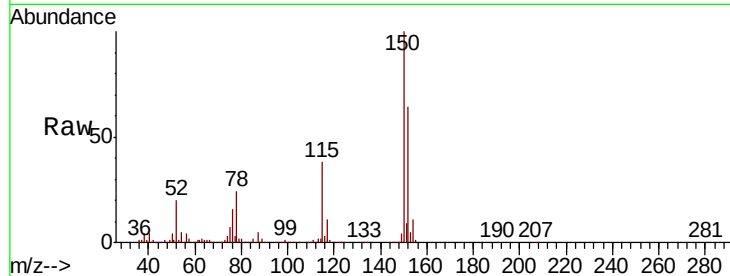




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW004575.D
 Acq: 10 Aug 2018 02:26

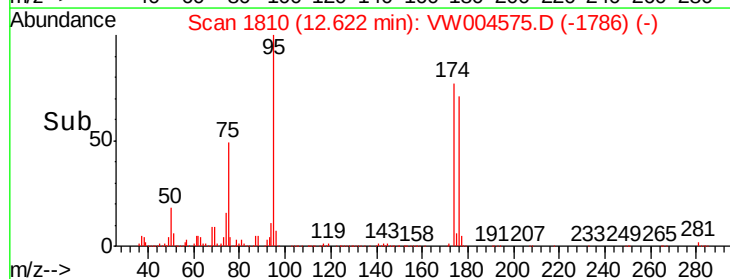
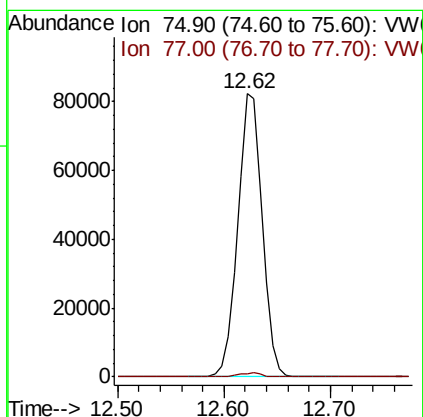
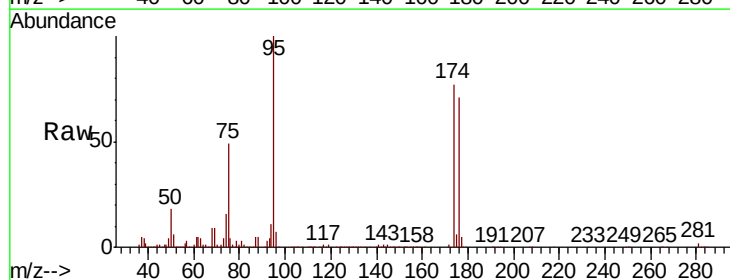
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-P10A(5-10)

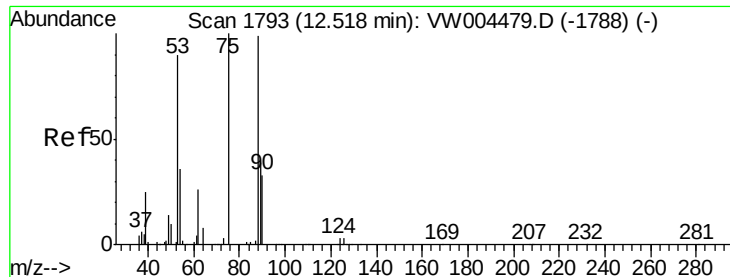
Tgt Ion:152 Resp: 264117
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.1 87.3
 150 157.0 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 48.547 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004575.D
 Acq: 10 Aug 2018 02:26

Tgt Ion: 75 Resp: 132681
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 116.216 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004575.D

Acq: 10 Aug 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

EPE-P10A(5-10)

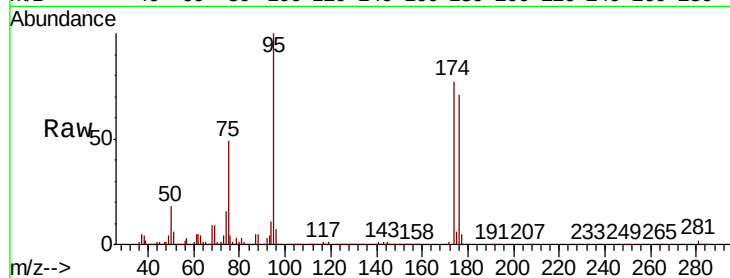
Tgt Ion: 75 Resp: 132681

Ion Ratio Lower Upper

75 100

53 0.2 74.4 111.6#

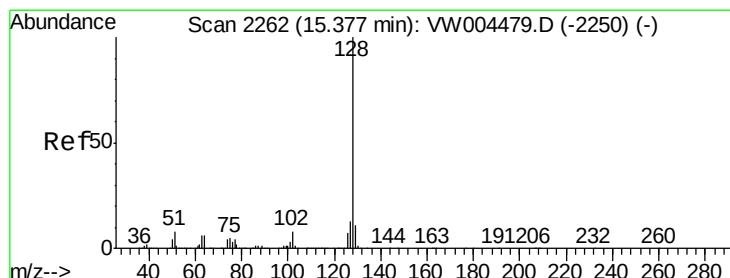
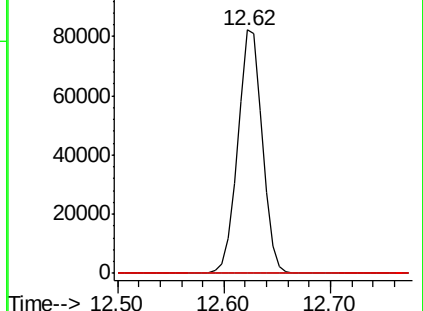
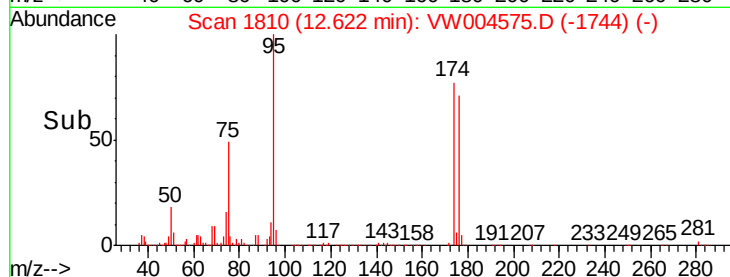
89 0.1 35.9 53.9#



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: 3.001 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004575.D

Acq: 10 Aug 2018 02:26

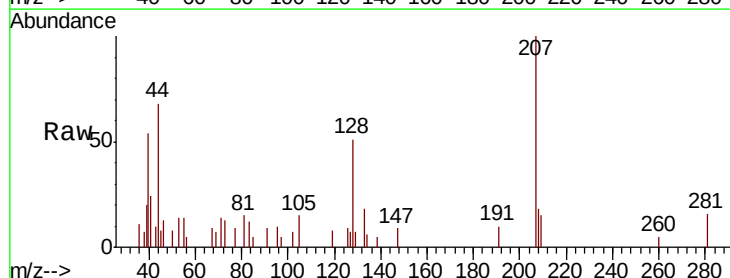
Tgt Ion: 128 Resp: 1084

Ion Ratio Lower Upper

128 100

127 7.3 10.3 15.5#

129 8.8 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

