

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005956.D
 Acq On : 09 Oct 2018 23:39
 Operator : SY/AP
 Sample : J5201-05RE
 Misc : 7.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-100818-CRE

Quant Time: Oct 10 01:22:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	44456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	58192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	42209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	16462	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	19879	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.12%		
35) Dibromofluoromethane	7.88	113	18537	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.78%		
50) Toluene-d8	10.33	98	58036	40.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	81.20%		
62) 4-Bromofluorobenzene	12.62	95	19353	35.59	ug/l	0.00
Spiked Amount 50.000			Recovery =	71.18%		

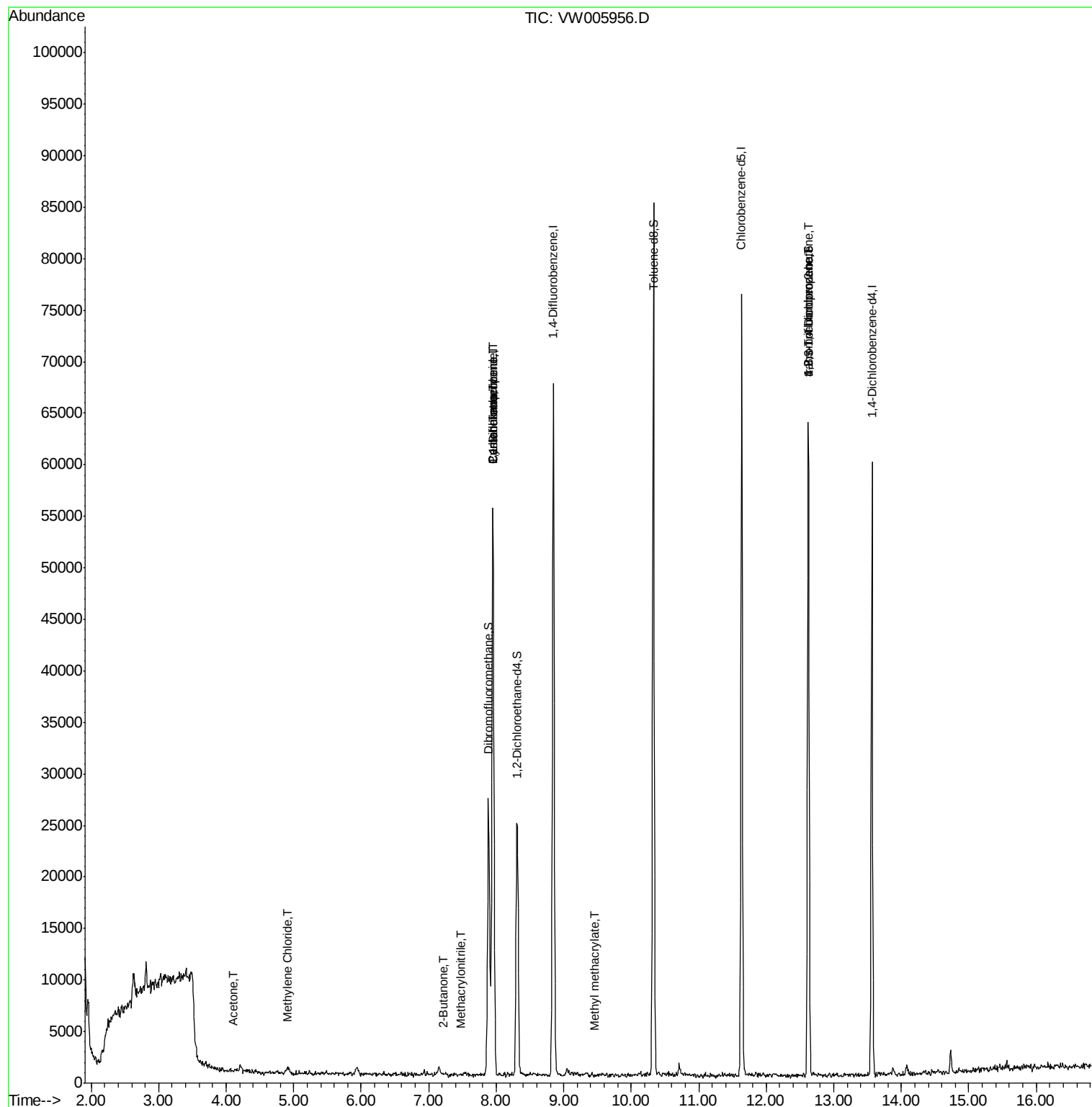
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.10	43	93	1.079	ug/l #	44
20) Methylene Chloride	4.92	84	483	1.118	ug/l #	68
25) 2-Butanone	7.21	43	189	1.541	ug/l #	49
31) Cyclohexane	7.95	56	1007	1.333	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	3214	5.764	ug/l #	50
38) Carbon Tetrachloride	7.95	117	3901	6.512	ug/l #	14
41) Methacrylonitrile	7.47	41	181	1.224	ug/l #	45
48) Methyl methacrylate	9.46	41	253	1.077	ug/l #	12
76) 1,2,3-Trichloropropane	12.62	75	9858	67.038	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	9858	141.525	ug/l #	11

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

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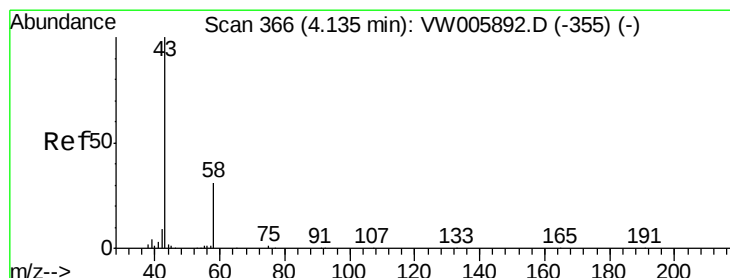
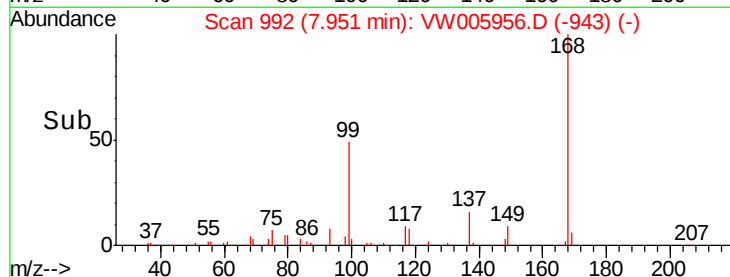
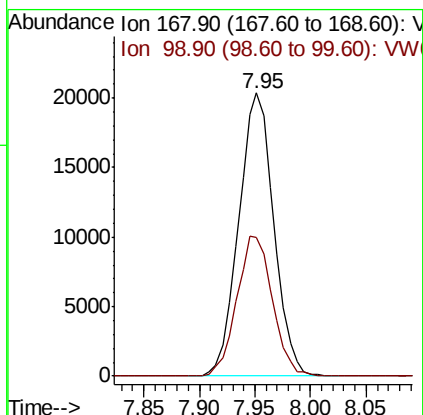
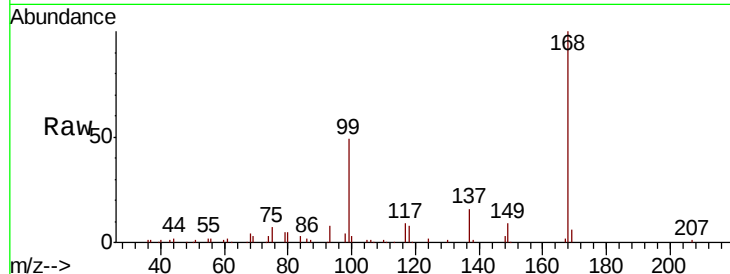


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW005956.D
 Acq: 09 Oct 2018 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-100818-CRE

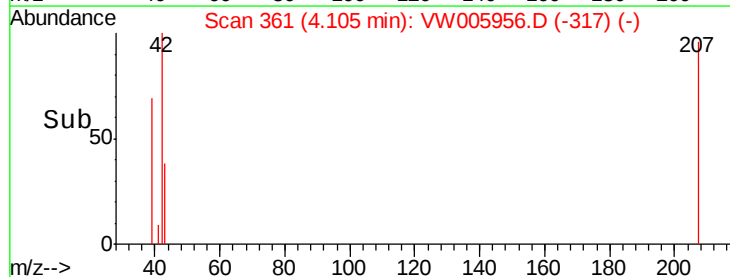
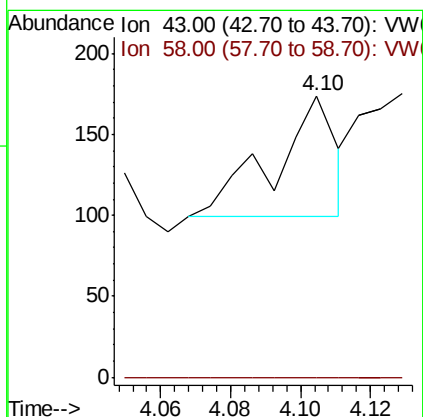
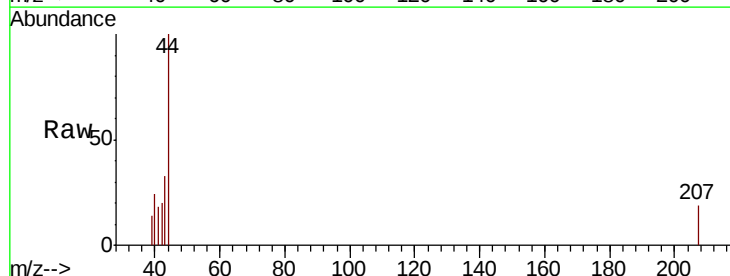
Tgt Ion: 168 Resp: 44456
 Ion Ratio Lower Upper
 168 100
 99 48.8 40.9 61.3



#16

Acetone
 Concen: 1.079 ug/l
 RT: 4.10 min Scan# 361
 Delta R.T. -0.03 min
 Lab File: VW005956.D
 Acq: 09 Oct 2018 23:39

Tgt Ion: 43 Resp: 93
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.7 37.1#

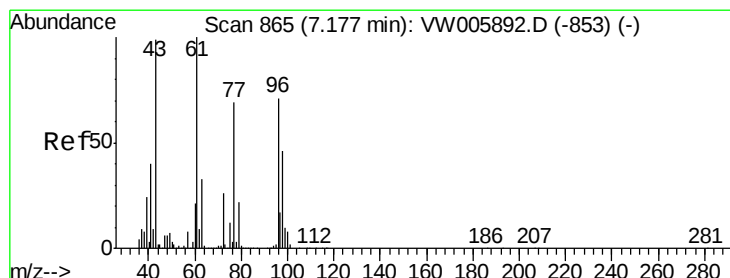
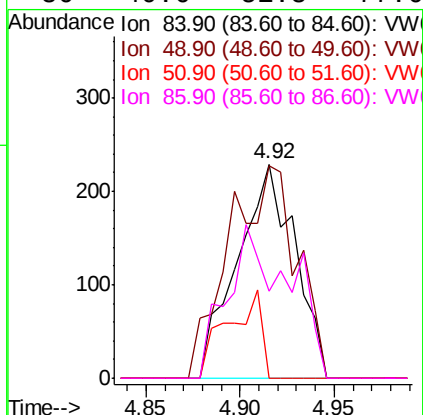
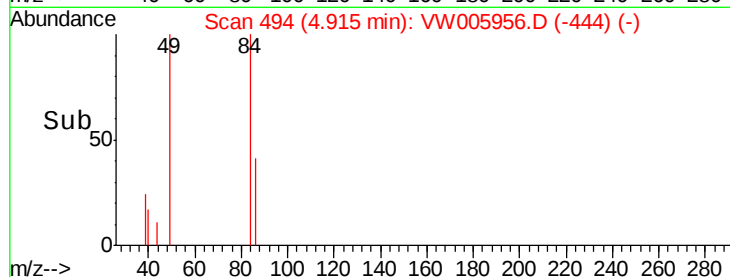
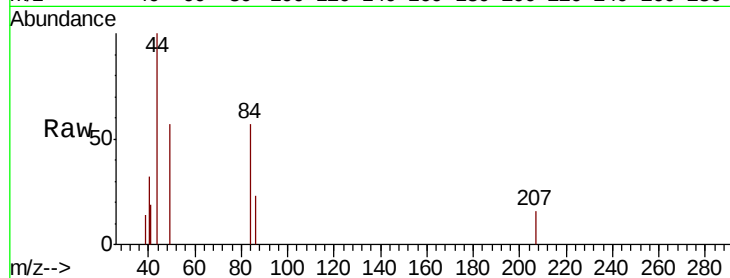




#20
Methylene Chloride
Concen: 1.118 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005956.D
Acq: 09 Oct 2018 23:39

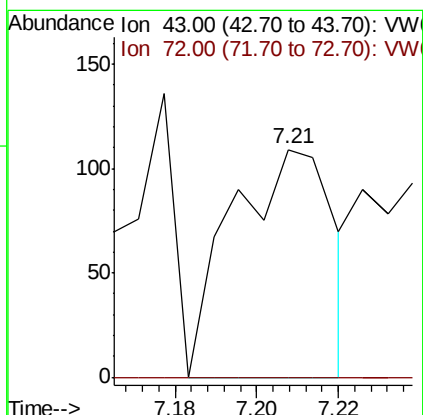
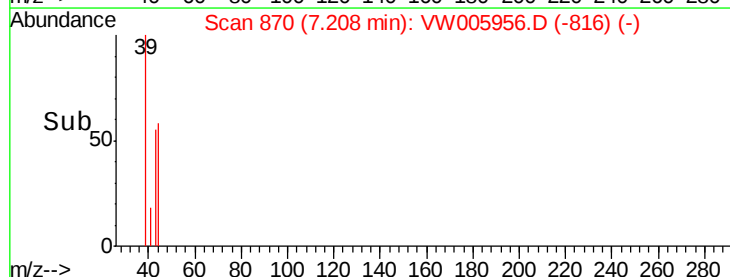
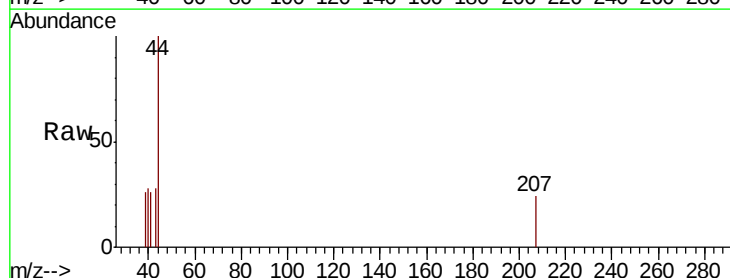
Instrument :
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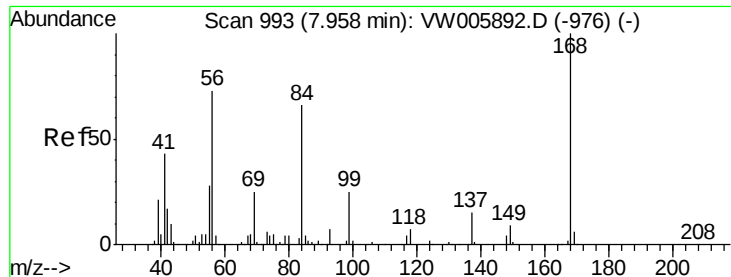
Tgt Ion:	84	Resp:	483
Ion	Ratio	Lower	Upper
84	100		
49	99.6	99.9	149.9#
51	0.0	31.1	46.7#
86	40.6	51.8	77.6#



#25
2-Butanone
Concen: 1.541 ug/l
RT: 7.21 min Scan# 870
Delta R.T. 0.03 min
Lab File: VW005956.D
Acq: 09 Oct 2018 23:39

Tgt Ion:	43	Resp:	189
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

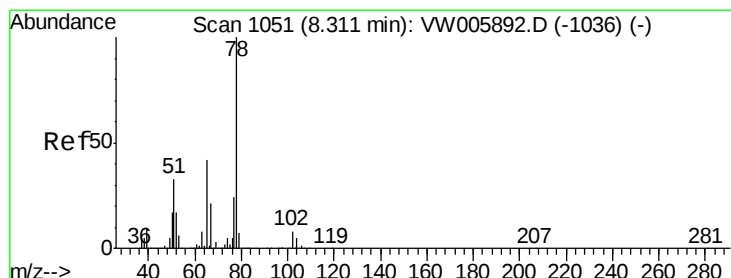
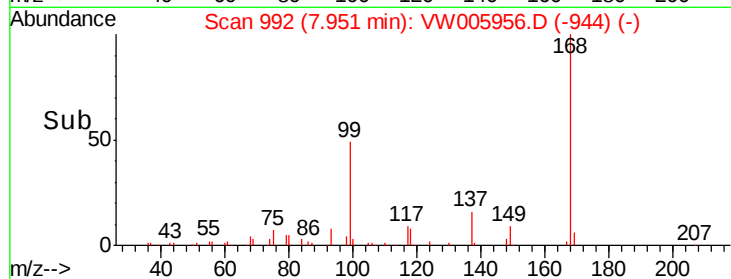
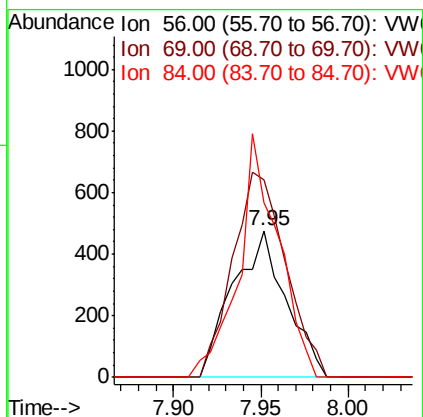
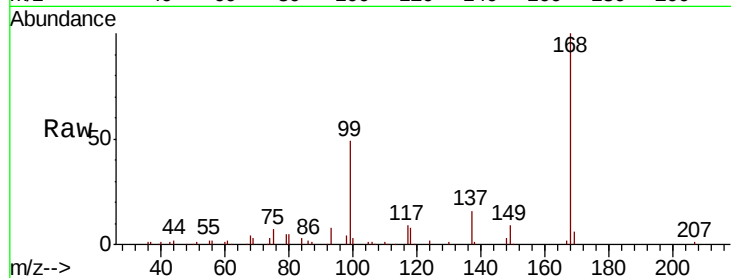




#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005956.D
Acq: 09 Oct 2018 23:39

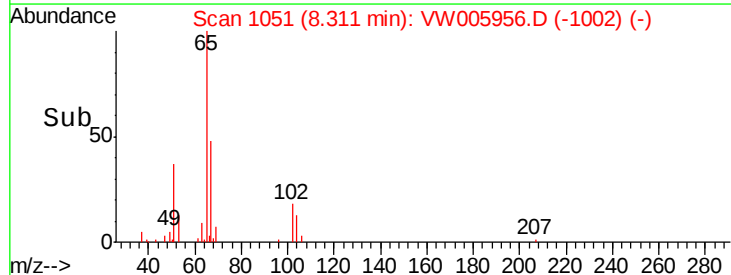
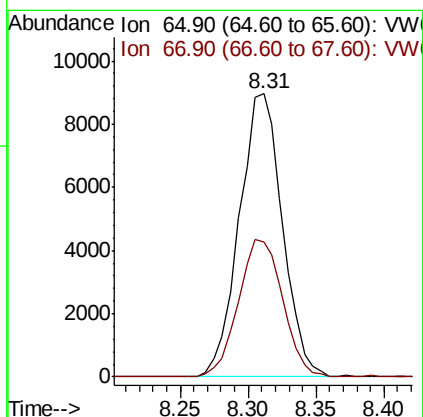
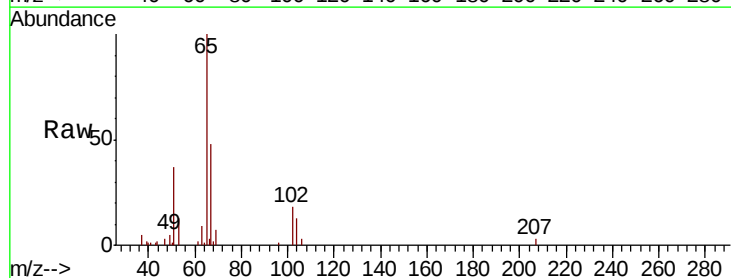
Instrument :
MSVOA_W
ClientSampleId :
EO-02-100818-CRE

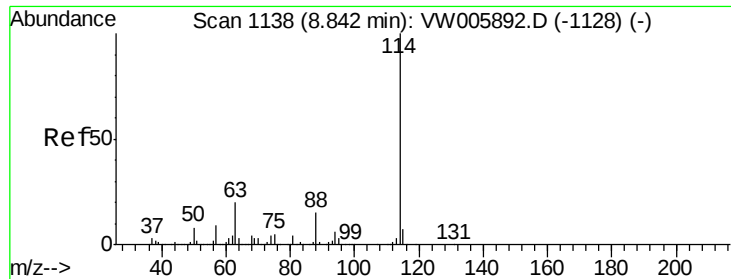
Tgt Ion: 56 Resp: 1007
Ion Ratio Lower Upper
56 100
69 135.2 27.9 41.9#
84 119.2 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 46.062 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005956.D
Acq: 09 Oct 2018 23:39

Tgt Ion: 65 Resp: 19879
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005956.D

Acq: 09 Oct 2018 23:39

Instrument :

MSVOA_W

ClientSampleId :

EO-02-100818-CRE

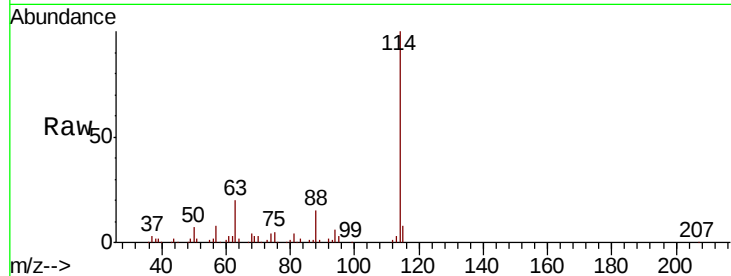
Tgt Ion:114 Resp: 58192

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

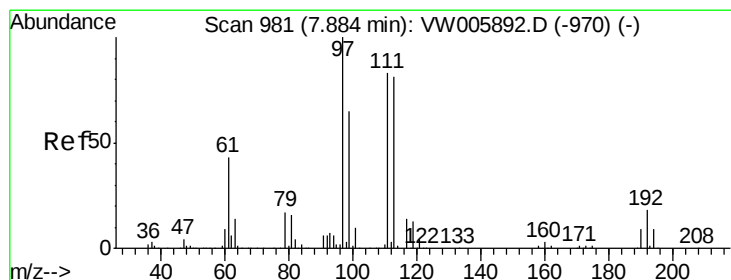
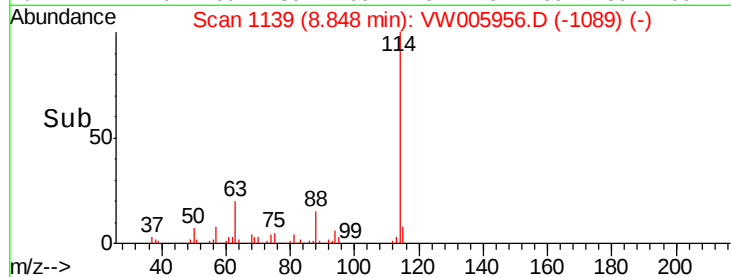
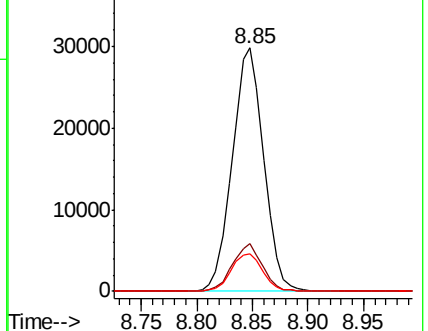
88 15.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 49.894 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005956.D

Acq: 09 Oct 2018 23:39

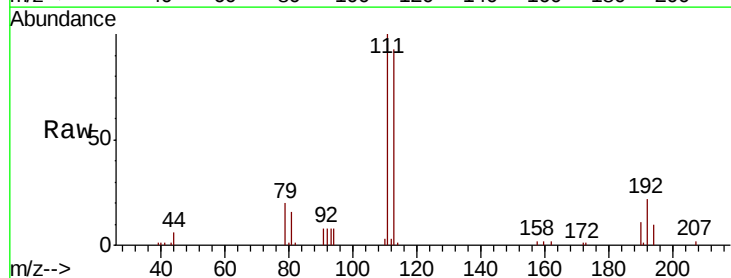
Tgt Ion:113 Resp: 18537

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

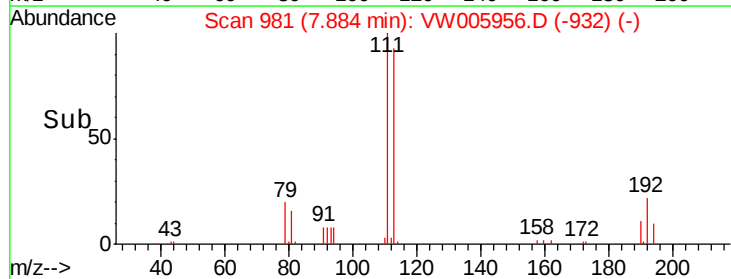
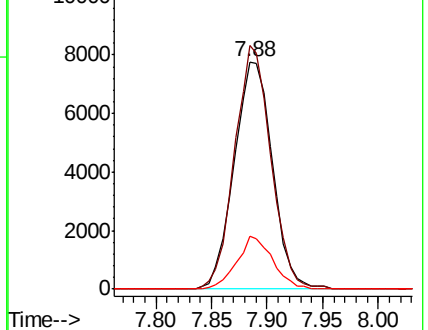
192 21.7 18.3 27.5

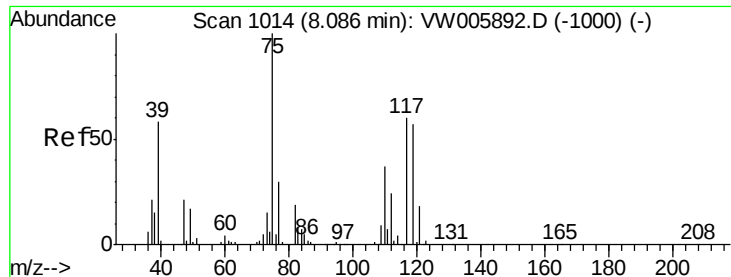


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

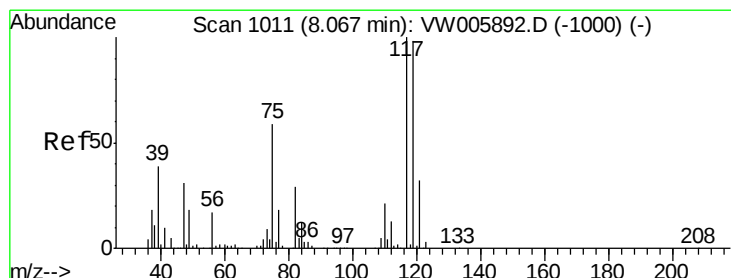
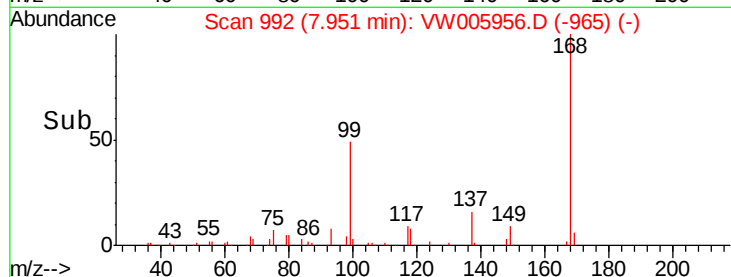
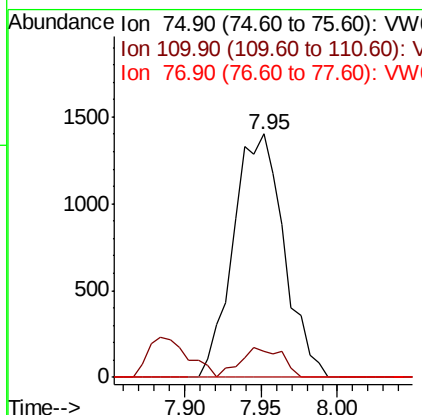
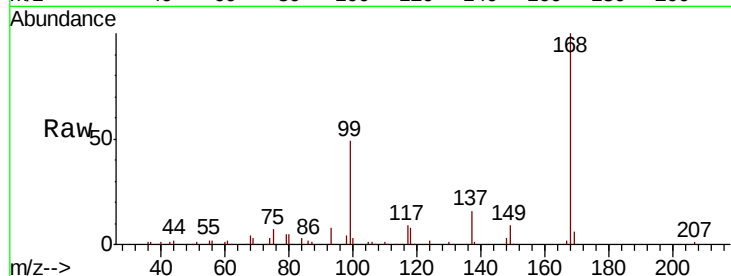




#36
 1,1-Dichloropropene
 Concen: 5.764 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005956.D
 Acq: 09 Oct 2018 23:39

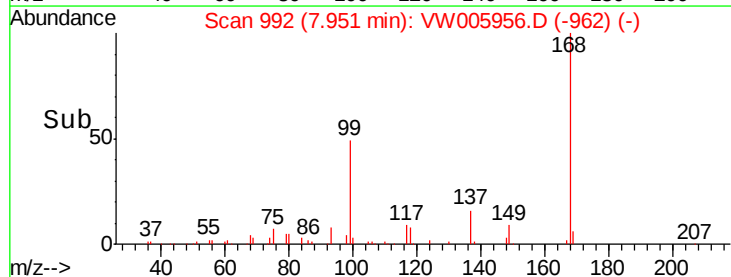
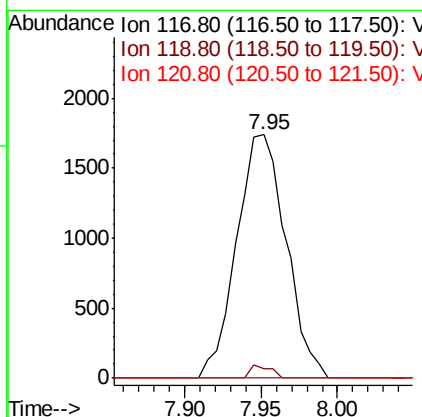
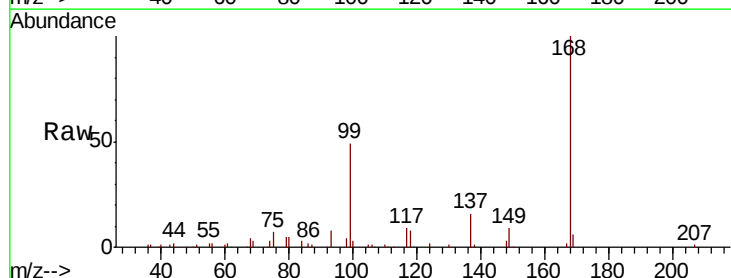
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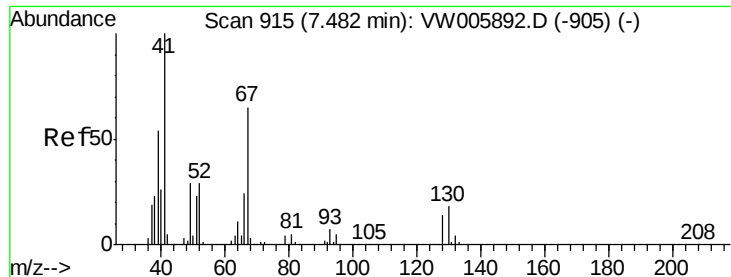
Tgt Ion: 75 Resp: 3214
 Ion Ratio Lower Upper
 75 100
 110 10.2 18.6 56.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.512 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005956.D
 Acq: 09 Oct 2018 23:39

Tgt Ion: 117 Resp: 3901
 Ion Ratio Lower Upper
 117 100
 119 4.1 78.6 117.8#
 121 0.0 25.3 37.9#

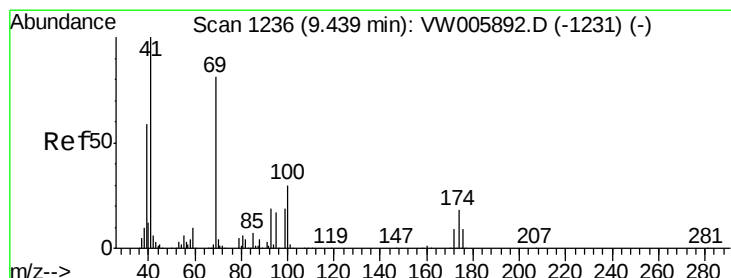
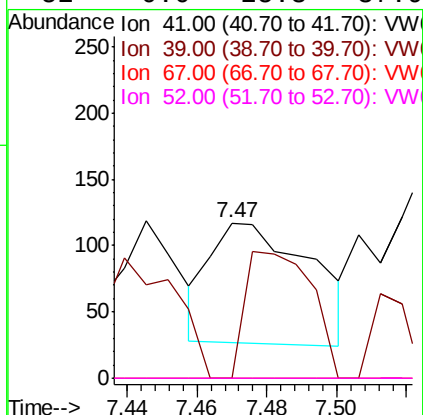
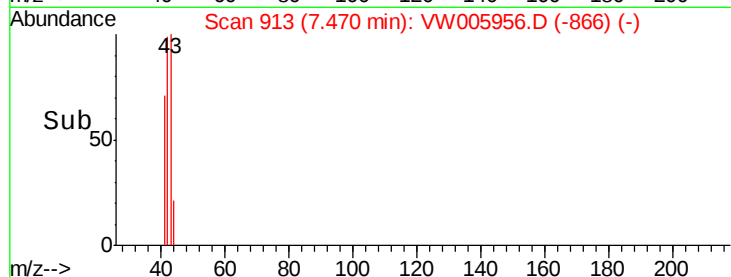
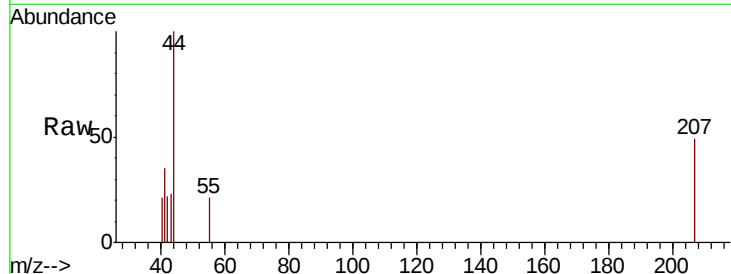




#41
Methacrylonitrile
Concen: 1.224 ug/l
RT: 7.47 min Scan# 913
Delta R.T. -0.01 min
Lab File: VW005956.D
Acq: 09 Oct 2018 23:39

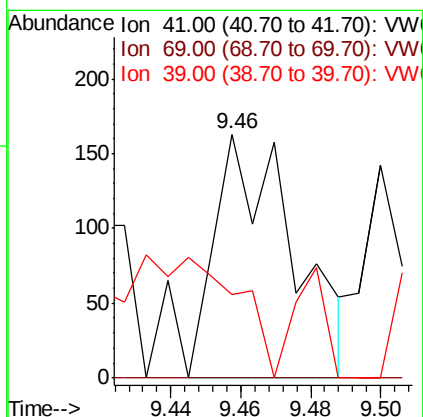
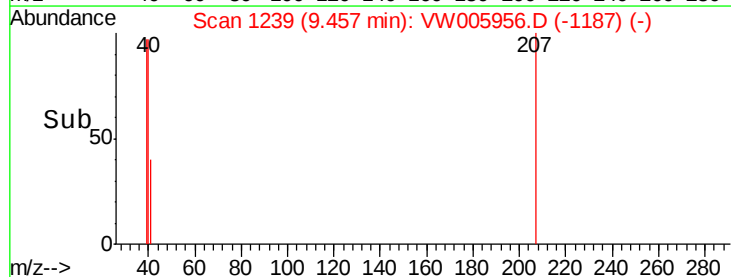
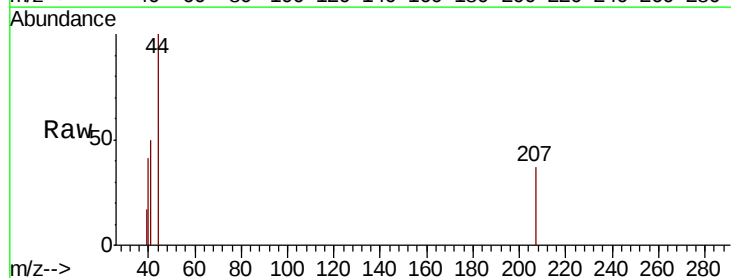
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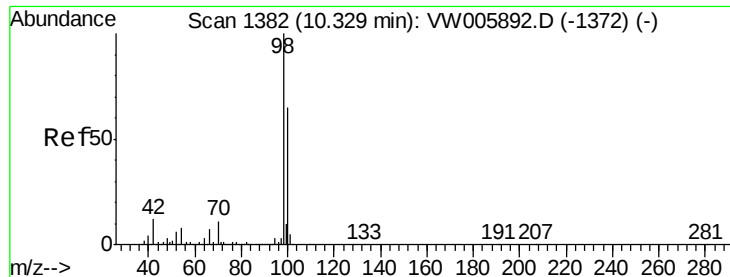
Tgt Ion: 41 Resp: 181
Ion Ratio Lower Upper
41 100
39 69.1 45.0 67.4#
67 0.0 55.8 83.8#
52 0.0 25.3 37.9#



#48
Methyl methacrylate
Concen: 1.077 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.02 min
Lab File: VW005956.D
Acq: 09 Oct 2018 23:39

Tgt Ion: 41 Resp: 253
Ion Ratio Lower Upper
41 100
69 0.0 68.7 103.1#
39 0.0 50.0 75.0#





#50

Toluene-d8

Concen: 40.601 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005956.D

Acq: 09 Oct 2018 23:39

Instrument :

MSVOA_W

ClientSampleId :

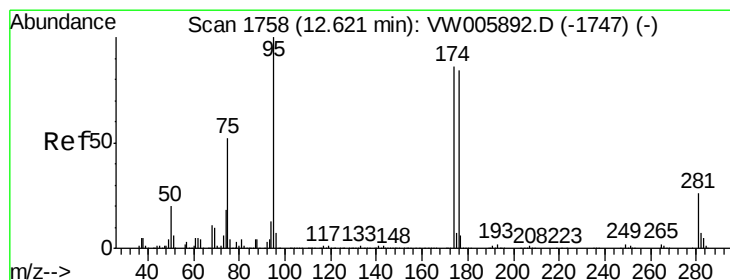
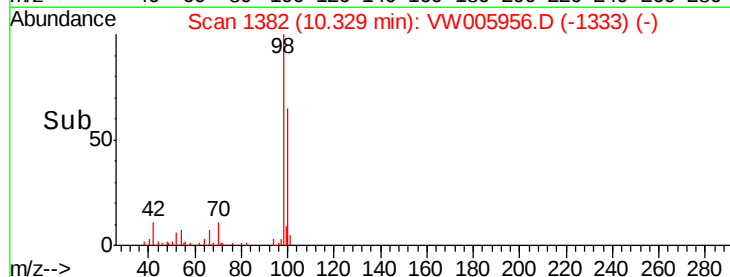
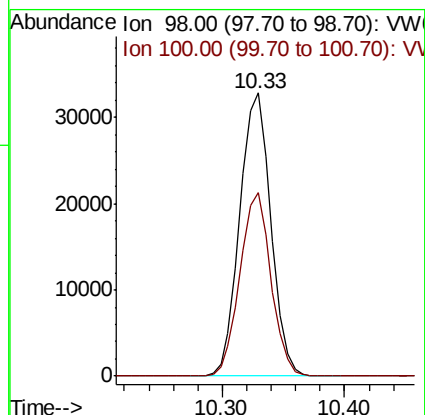
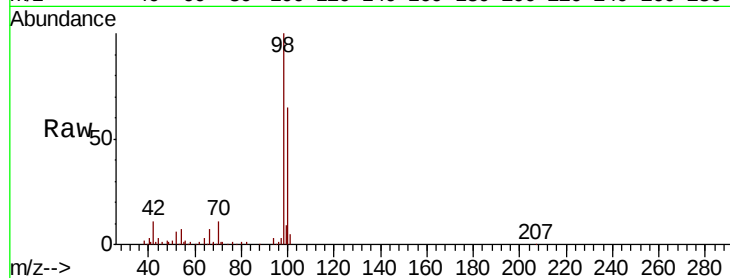
EO-02-100818-CRE

Tgt Ion: 98 Resp: 58036

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 35.585 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005956.D

Acq: 09 Oct 2018 23:39

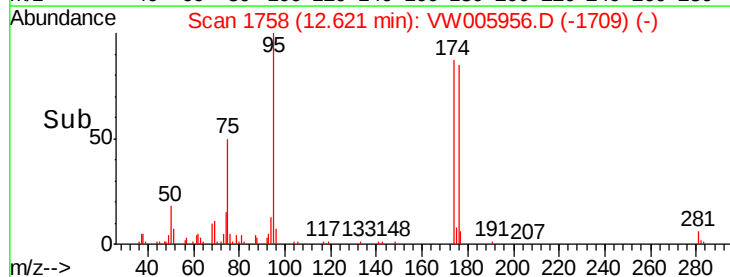
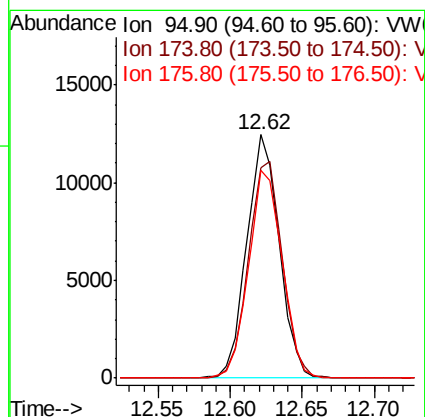
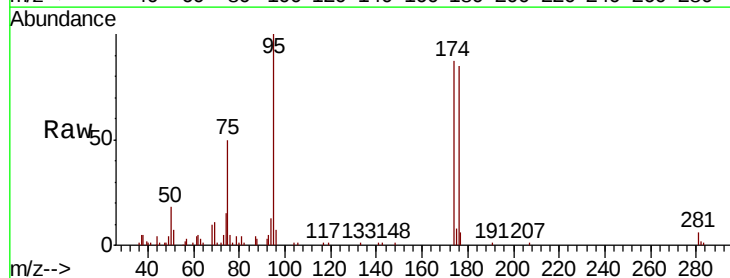
Tgt Ion: 95 Resp: 19353

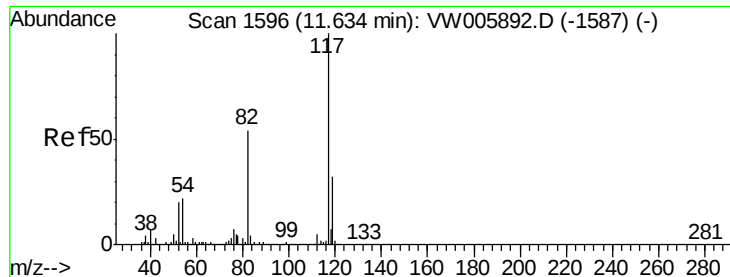
Ion Ratio Lower Upper

95 100

174 92.8 0.0 176.4

176 88.1 0.0 173.0

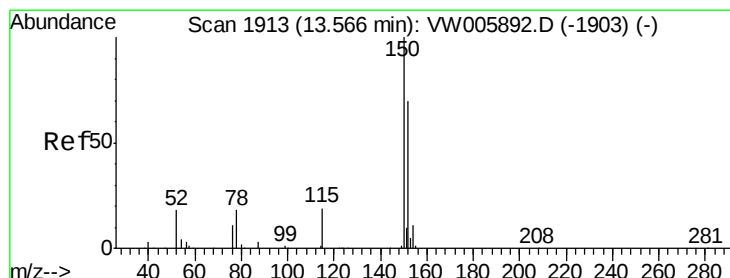
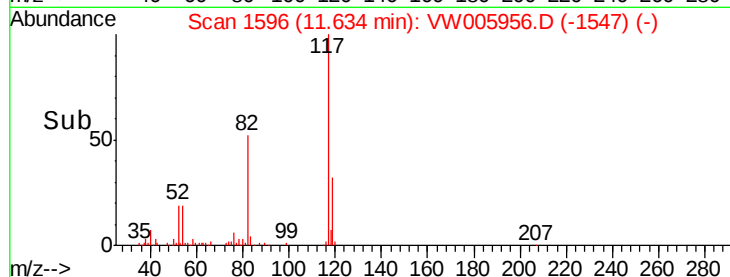
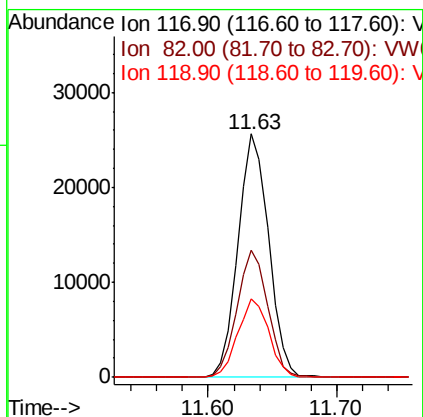
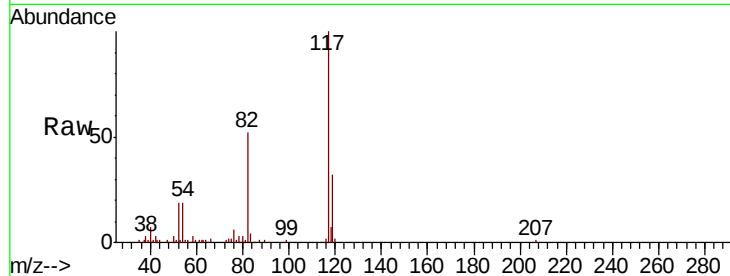




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005956.D
Acq: 09 Oct 2018 23:39

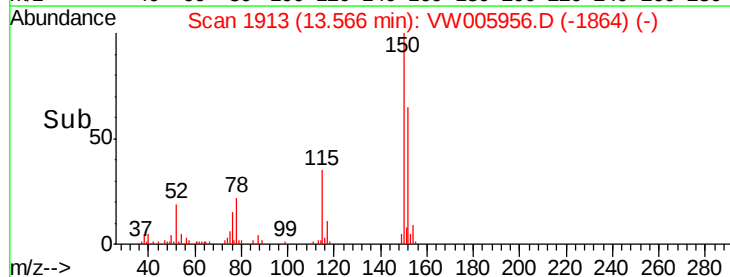
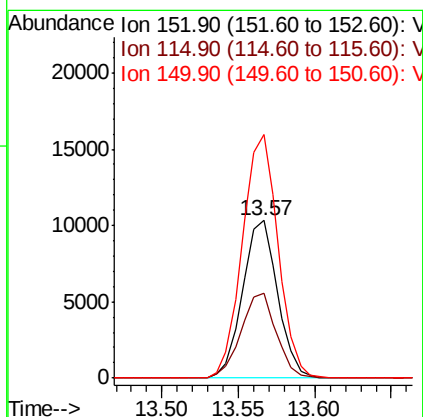
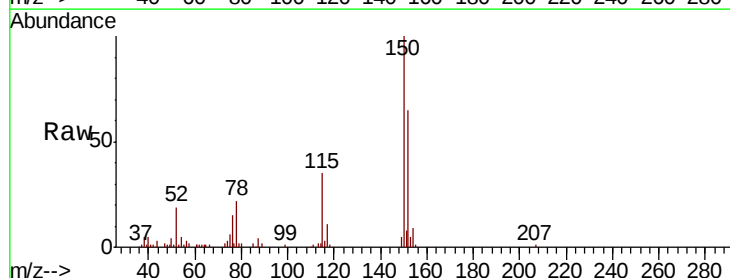
Instrument :
MSVOA_W
ClientSampleId :
EO-02-100818-CRE

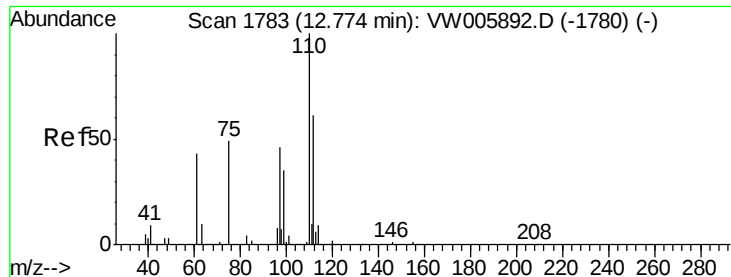
Tgt Ion:117 Resp: 42209
Ion Ratio Lower Upper
117 100
82 52.4 43.5 65.3
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005956.D
Acq: 09 Oct 2018 23:39

Tgt Ion:152 Resp: 16462
Ion Ratio Lower Upper
152 100
115 54.2 28.3 85.0
150 156.5 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 67.038 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005956.D

Acq: 09 Oct 2018 23:39

Instrument :

MSVOA_W

ClientSampleId :

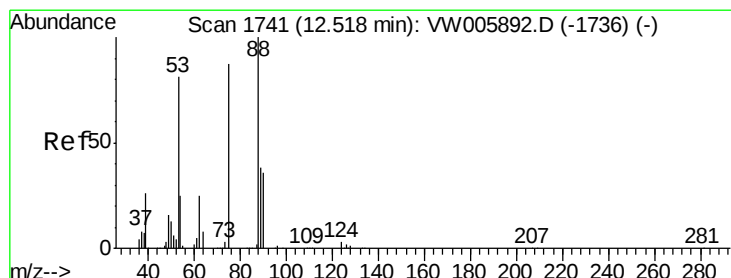
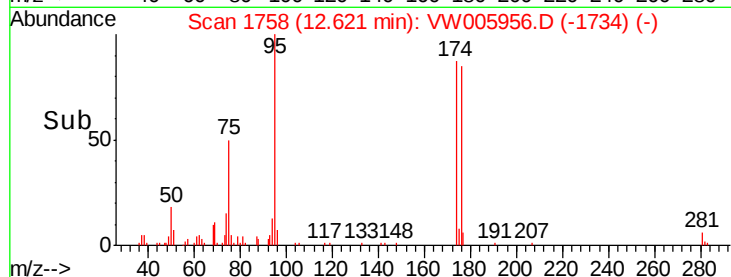
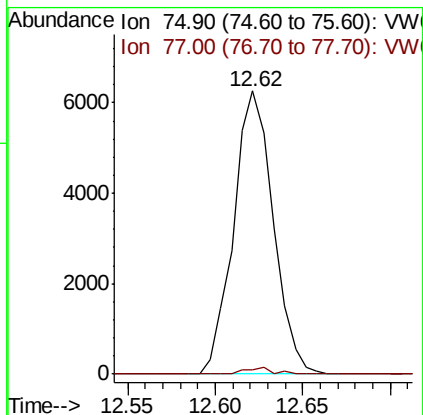
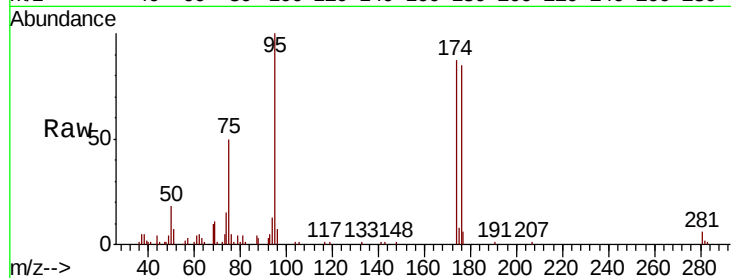
EO-02-100818-CRE

Tgt Ion: 75 Resp: 9858

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 141.525 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005956.D

Acq: 09 Oct 2018 23:39

Tgt Ion: 75 Resp: 9858

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

