

Data File : VW004846.D
Acq On : 21 Aug 2018 17:19
Operator : SY/AP
Sample : J4483-01RE
Misc : 5.91G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TOD1-IB-8-0-2

Quant Time: Aug 22 05:19:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	581237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	967185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	937607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	438513	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	337941	60.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.28%	
35) Dibromofluoromethane	7.88	113	323995	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.33	98	1241130	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.62	95	440027	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

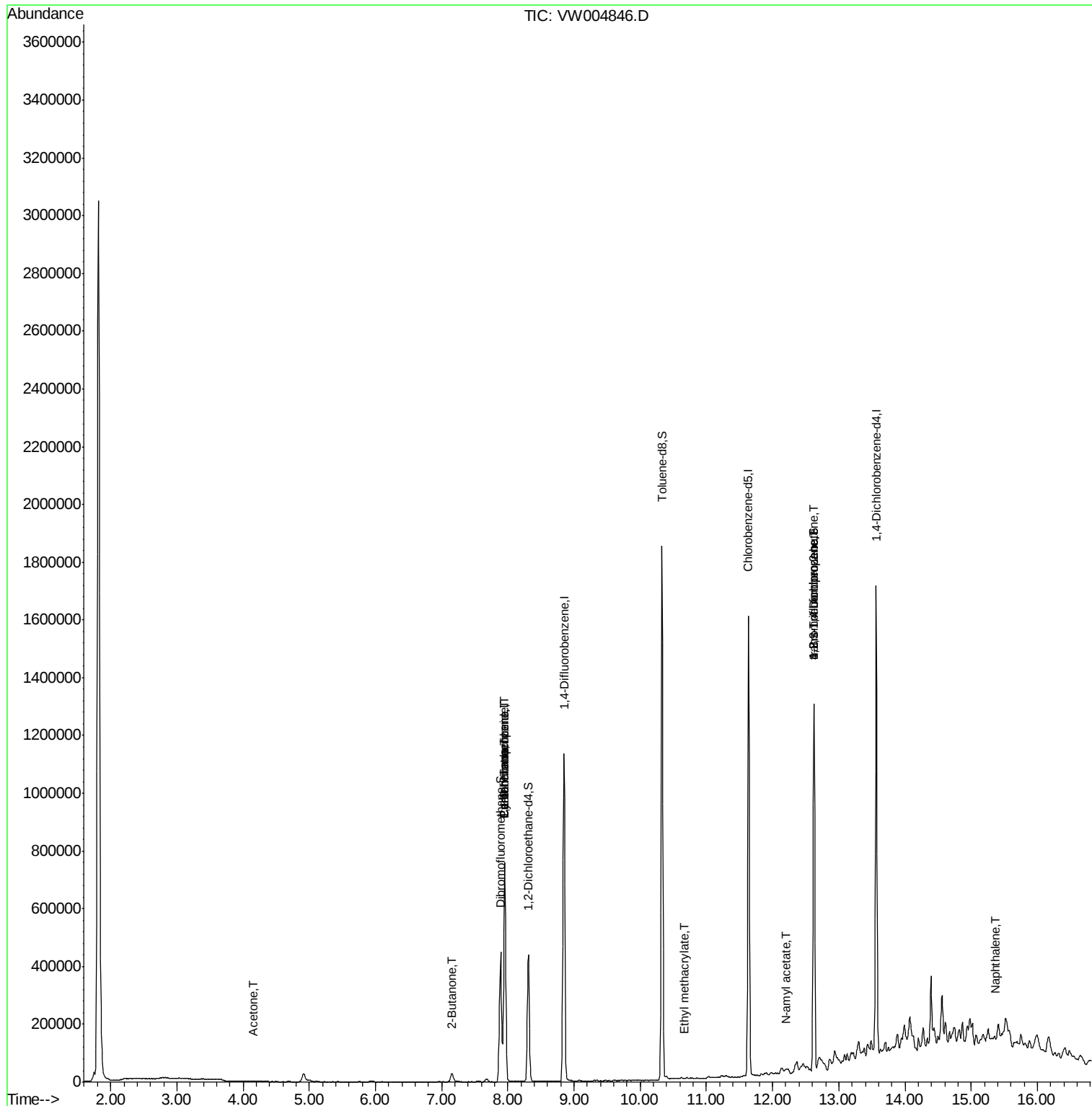
Target Compounds				Qvalue		
16) Acetone	4.16	43	4136	2.883	ug/l	92
20) Methylene Chloride	4.91	84	24486	Below Cal		94
25) 2-Butanone	7.16	43	2157	1.055	ug/l #	47
31) Cyclohexane	7.95	56	11136	1.014	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	43102	4.326	ug/l #	49
38) Carbon Tetrachloride	7.96	117	53358	5.818	ug/l #	16
56) Ethyl methacrylate	10.67	69	143	3.001	ug/l #	1
74) N-amyl acetate	12.20	43	1497	4.216	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	210283	54.399	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	210283	126.437	ug/l #	14
95) Naphthalene	15.37	128	1121	3.565	ug/l #	70

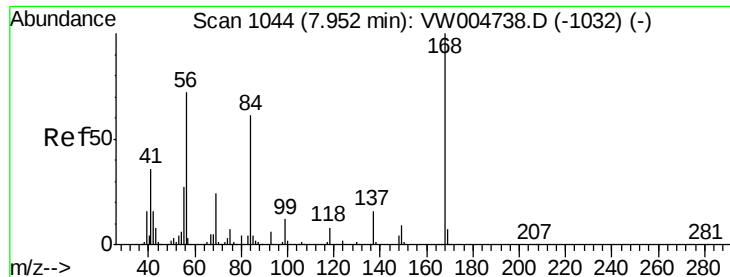
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004846.D

Acq: 21 Aug 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

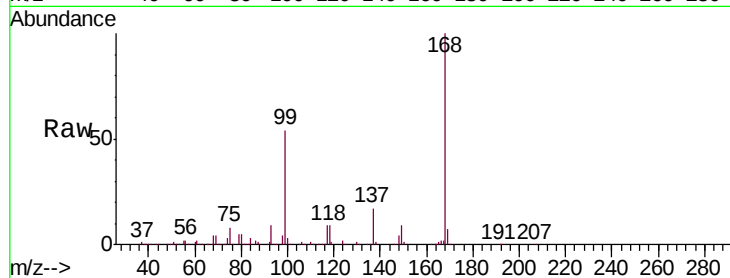
TOD1-IB-8-0-2

Tgt Ion:168 Resp: 581237

Ion Ratio Lower Upper

168 100

99 54.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

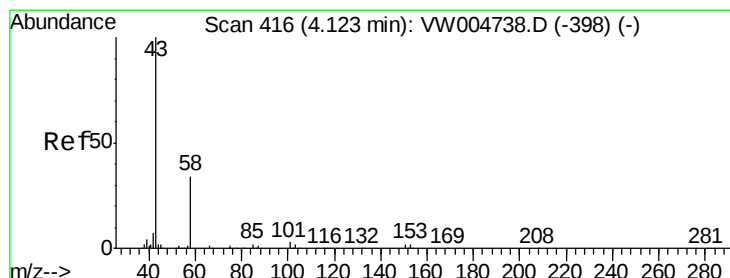
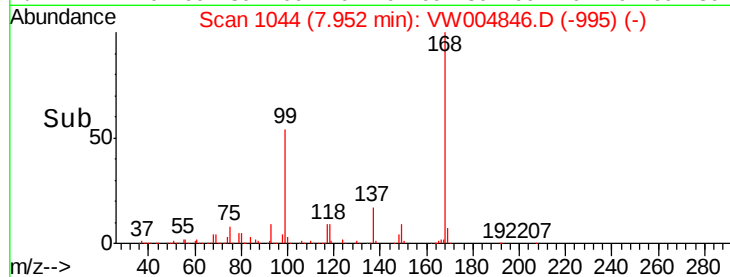
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.883 ug/l

RT: 4.16 min Scan# 422

Delta R.T. 0.04 min

Lab File: VW004846.D

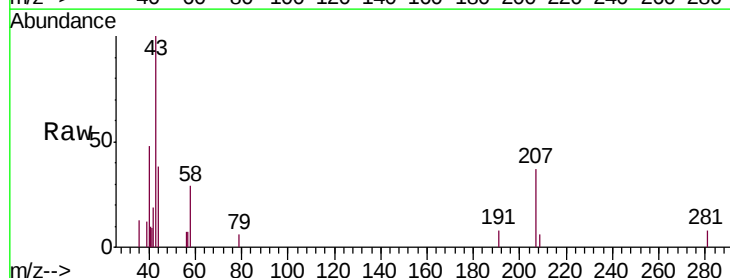
Acq: 21 Aug 2018 17:19

Tgt Ion: 43 Resp: 4136

Ion Ratio Lower Upper

43 100

58 29.3 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

1200

1000

800

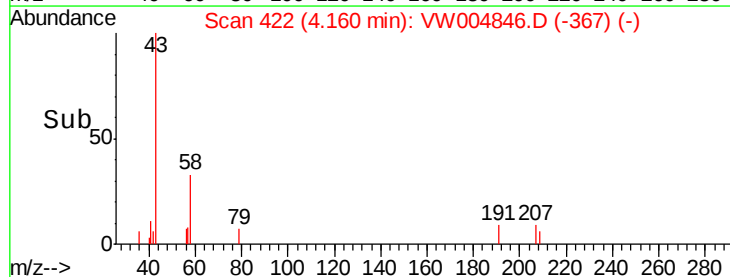
600

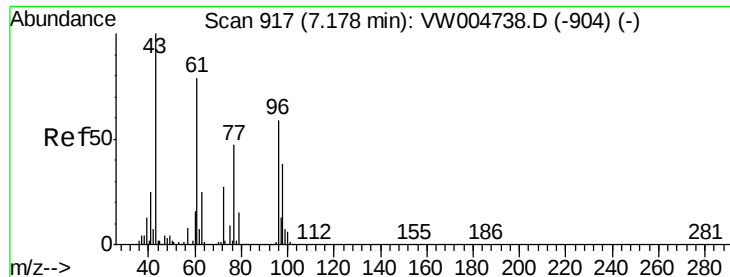
400

200

0

Time-->

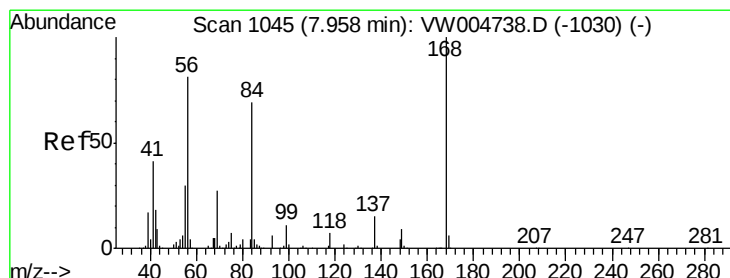
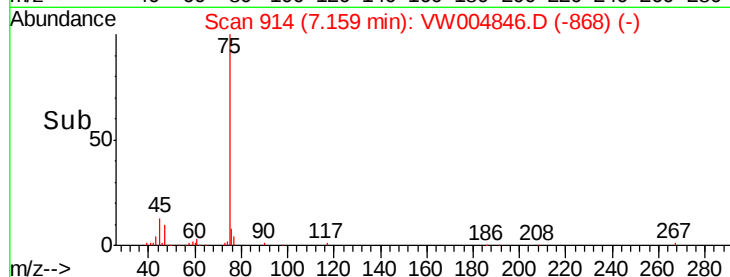
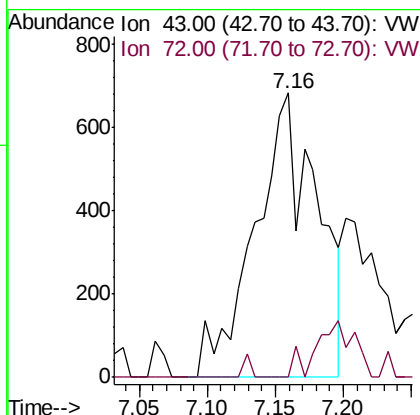
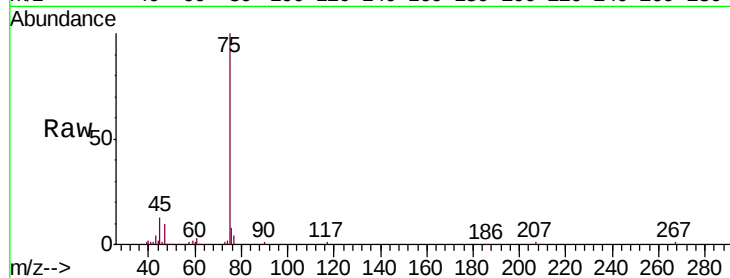




#25
2-Butanone
Concen: 1.055 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004846.D
Acq: 21 Aug 2018 17:19

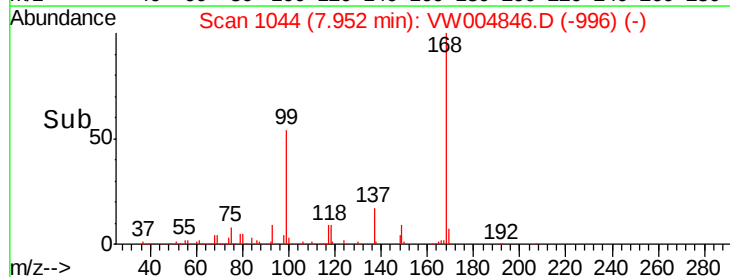
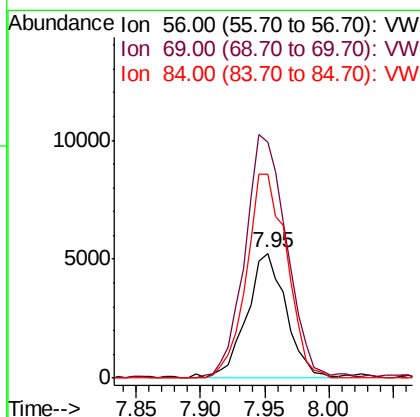
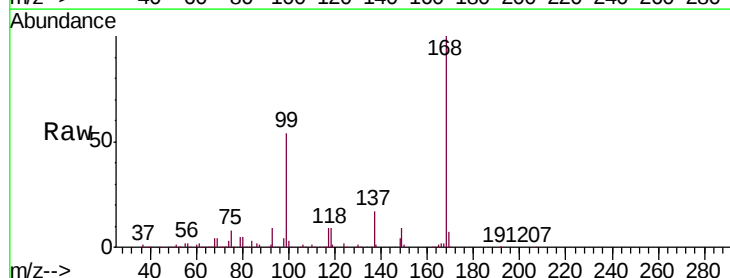
Instrument :
MSVOA_W
ClientSampleId :
TOD1-IB-8-0-2

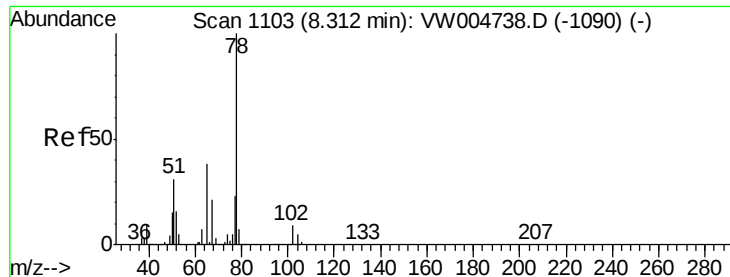
Tgt Ion: 43 Resp: 2157
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.014 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004846.D
Acq: 21 Aug 2018 17:19

Tgt Ion: 56 Resp: 11136
Ion Ratio Lower Upper
56 100
69 189.1 27.1 40.7#
84 163.4 68.3 102.5#





#33

1,2-Dichloroethane-d4

Concen: 60.138 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004846.D

Acq: 21 Aug 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

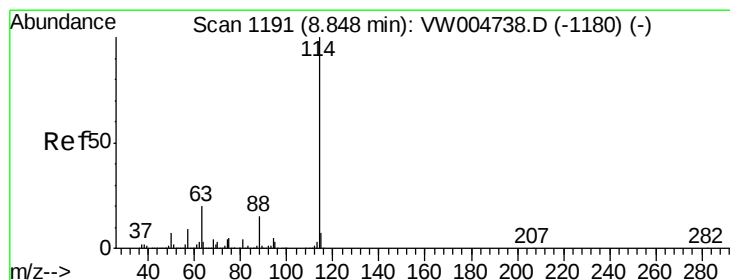
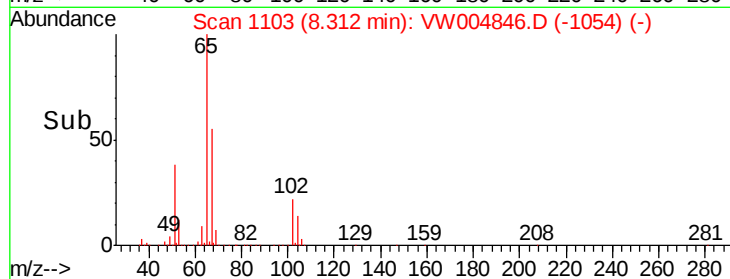
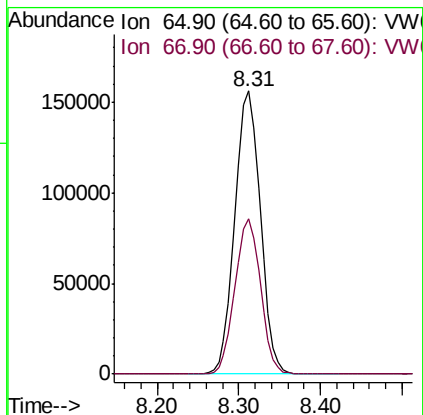
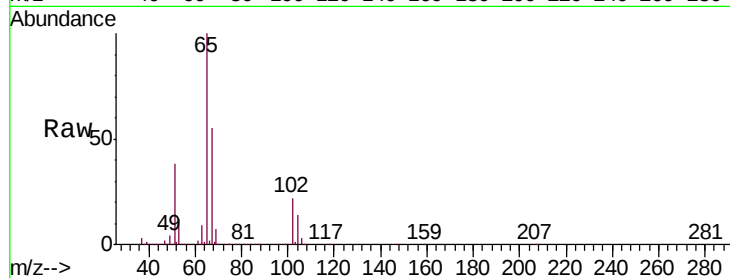
TOD1-IB-8-0-2

Tgt Ion: 65 Resp: 337941

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004846.D

Acq: 21 Aug 2018 17:19

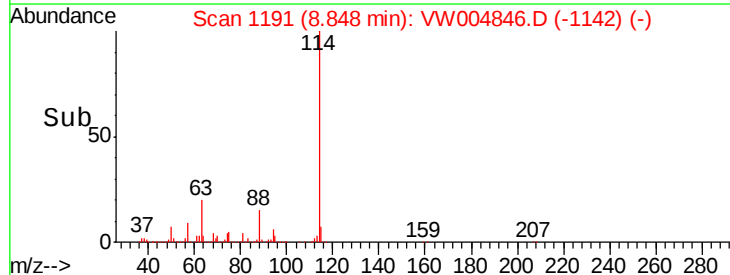
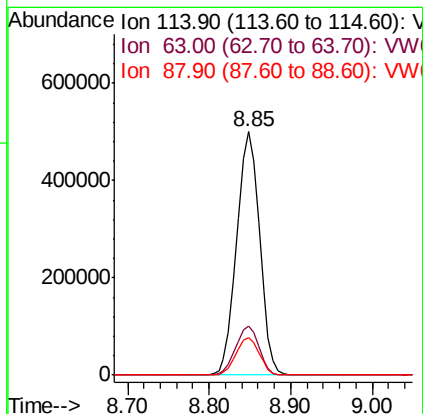
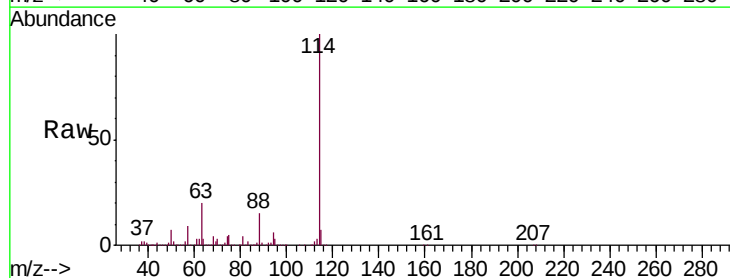
Tgt Ion: 114 Resp: 967185

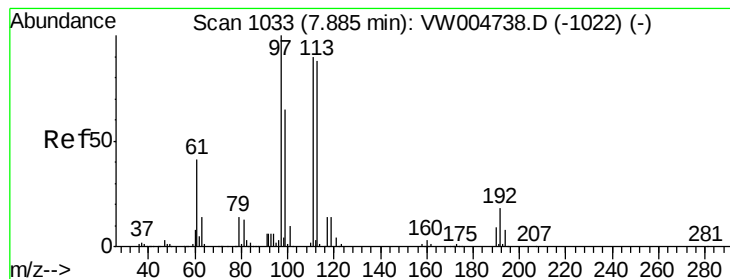
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.413 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004846.D

Acq: 21 Aug 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

TOD1-IB-8-0-2

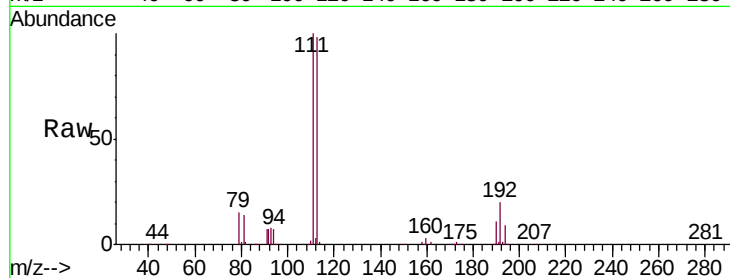
Tgt Ion:113 Resp: 323995

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

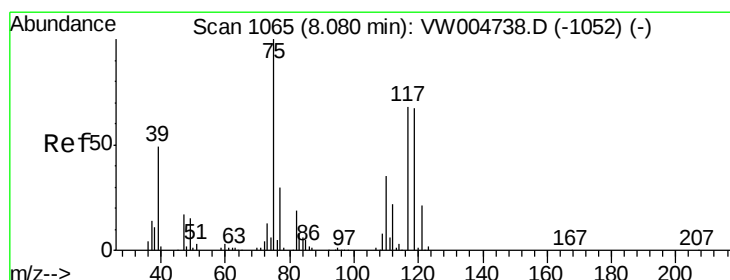
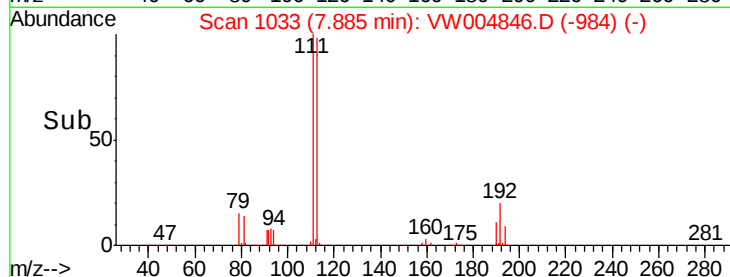
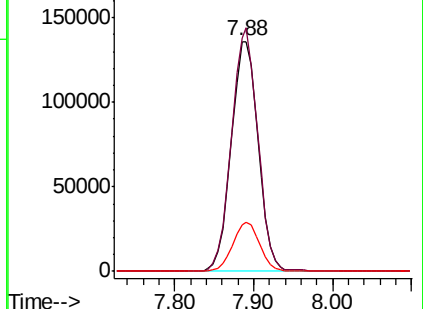
192 21.1 16.7 25.1



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: 4.326 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004846.D

Acq: 21 Aug 2018 17:19

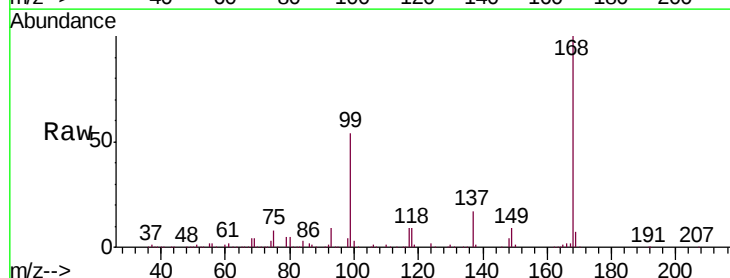
Tgt Ion: 75 Resp: 43102

Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.5#

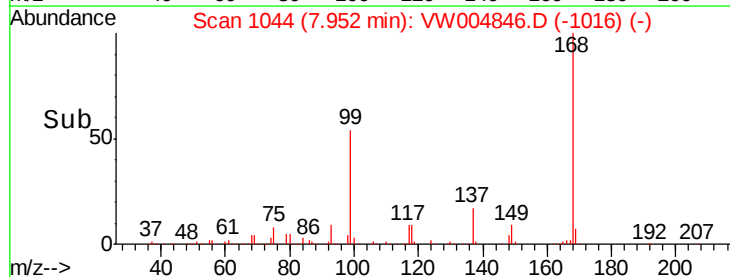
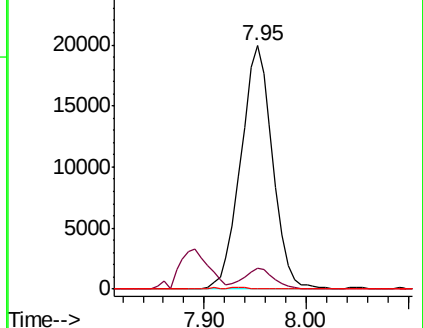
77 0.0 24.9 37.3#

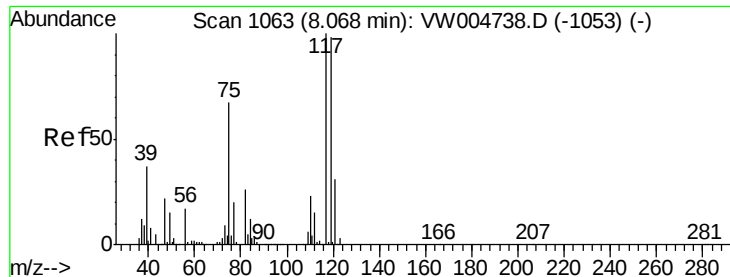


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.818 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.11 min

Lab File: VW004846.D

Acq: 21 Aug 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

TOD1-IB-8-0-2

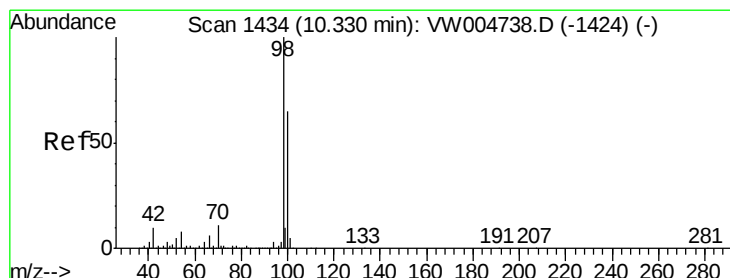
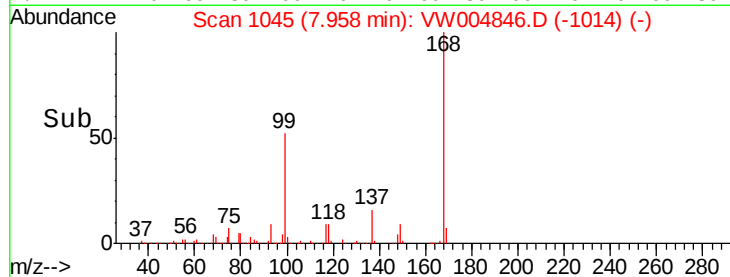
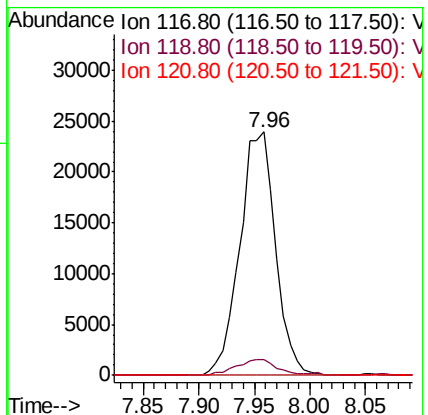
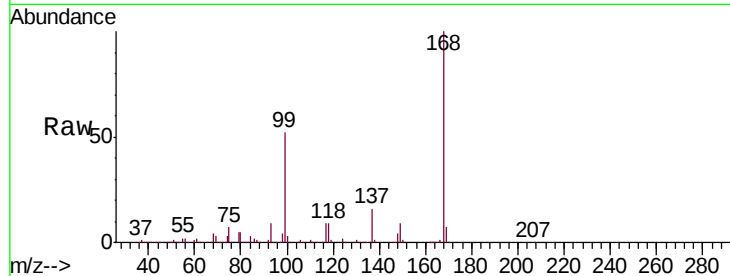
Tgt Ion:117 Resp: 53358

Ion Ratio Lower Upper

117 100

119 6.3 78.0 117.0#

121 0.0 24.8 37.2#



#50

Toluene-d8

Concen: 51.434 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004846.D

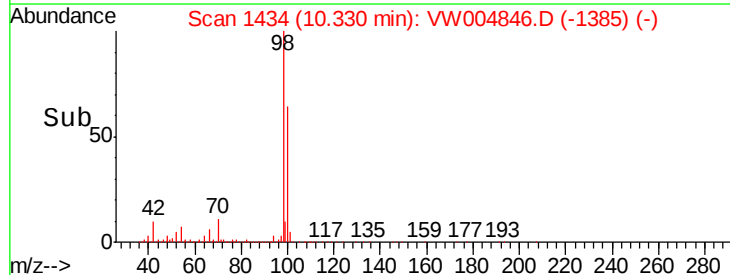
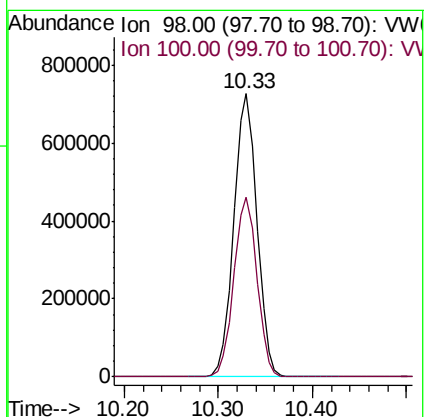
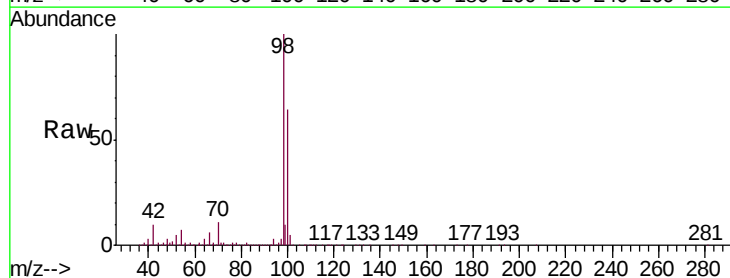
Acq: 21 Aug 2018 17:19

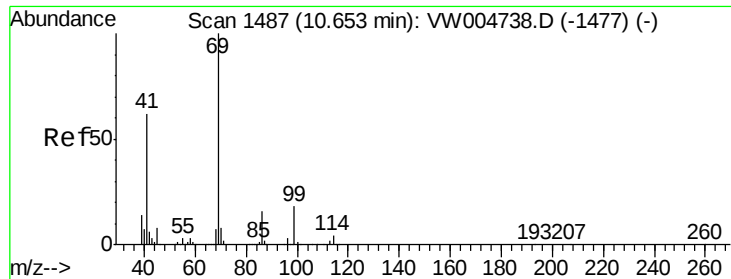
Tgt Ion: 98 Resp: 1241130

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.8





#56

Ethyl methacrylate

Concen: 3.001 ug/l

RT: 10.67 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VW004846.D

Acq: 21 Aug 2018 17:19

Instrument :

MSVOA_W

ClientSampled :

TOD1-IB-8-0-2

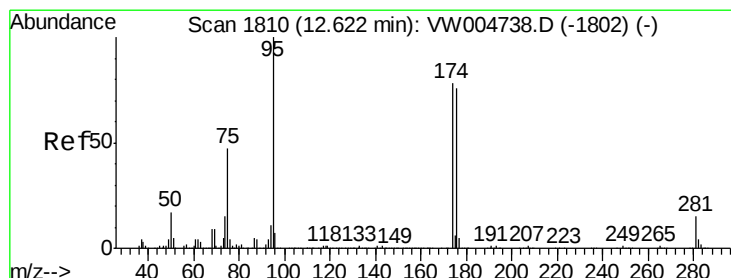
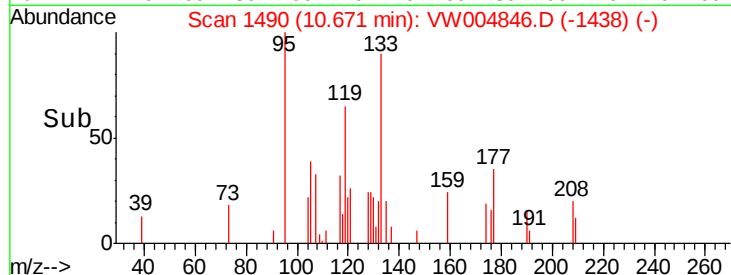
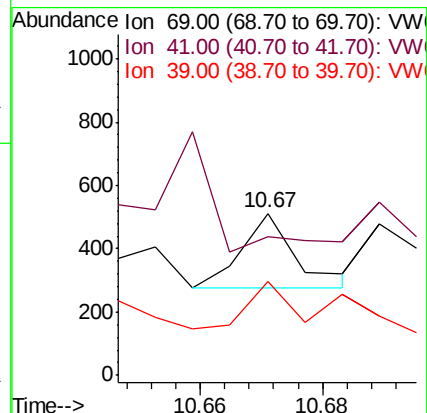
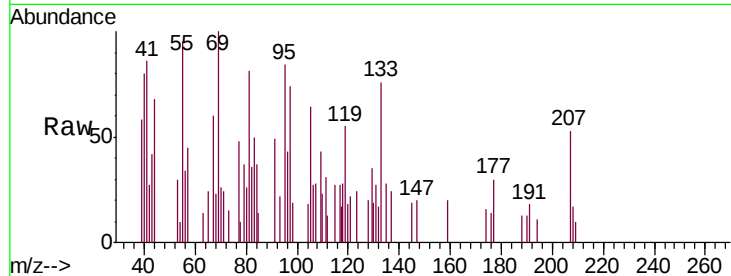
Tgt Ion: 69 Resp: 143

Ion Ratio Lower Upper

69 100

41 135.0 50.7 76.1#

39 100.0 21.4 32.2#



#62

4-Bromofluorobenzene

Concen: 50.687 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004846.D

Acq: 21 Aug 2018 17:19

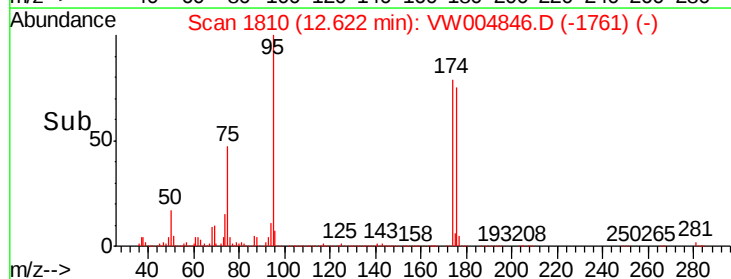
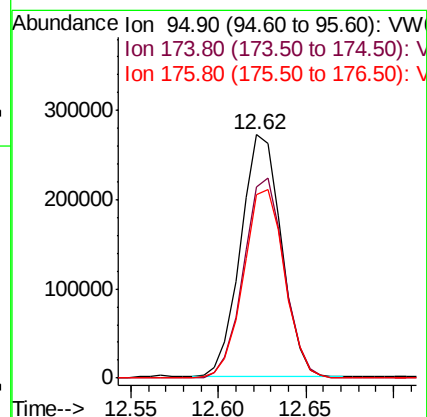
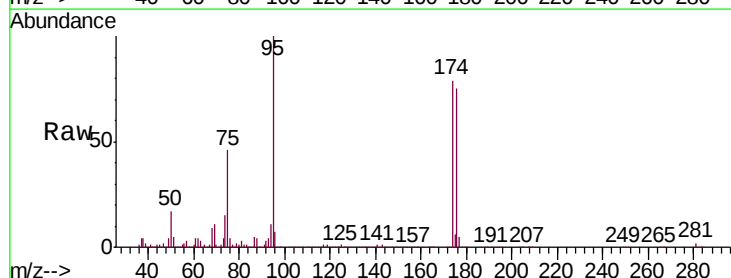
Tgt Ion: 95 Resp: 440027

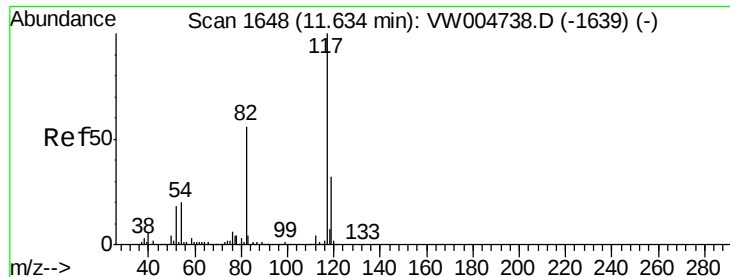
Ion Ratio Lower Upper

95 100

174 82.5 0.0 165.8

176 78.7 0.0 159.8

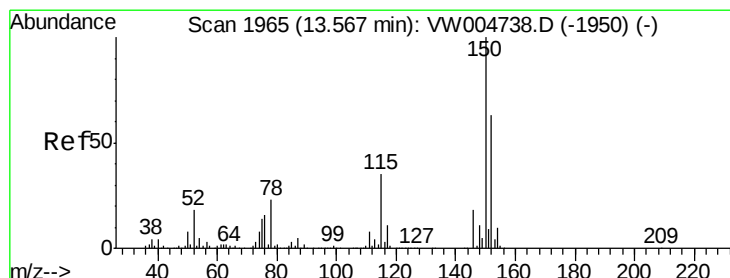
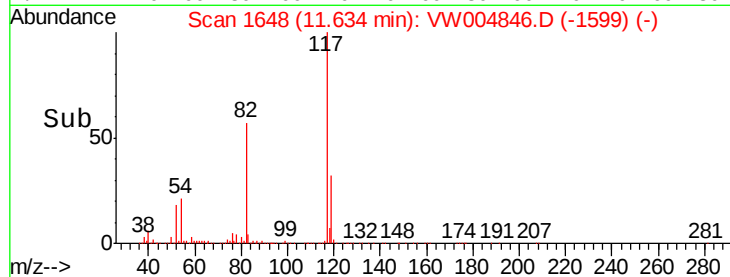
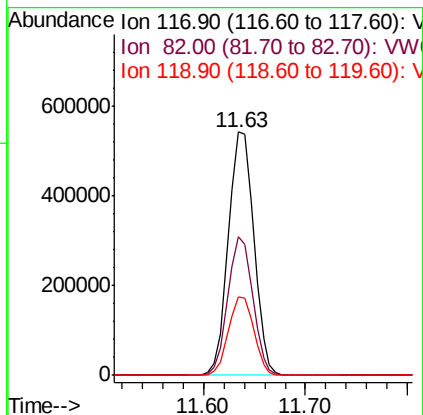
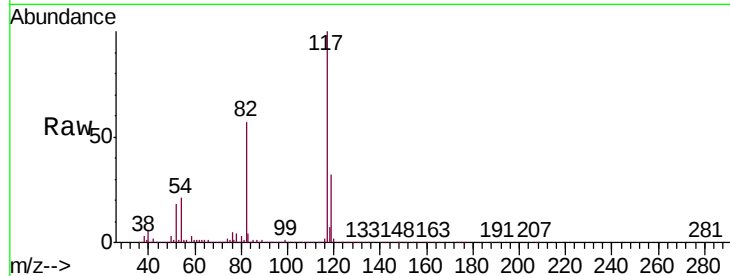




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004846.D
Acq: 21 Aug 2018 17:19

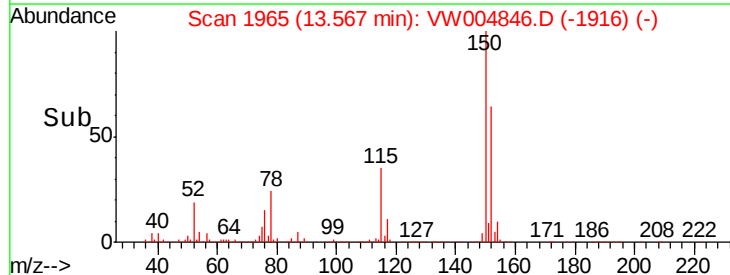
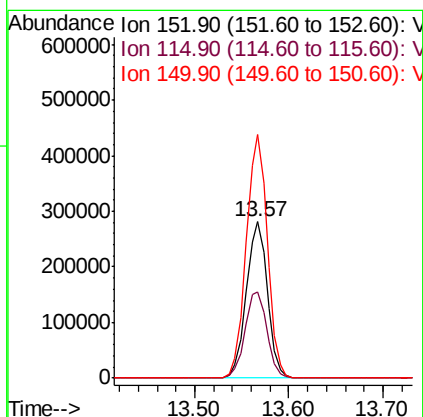
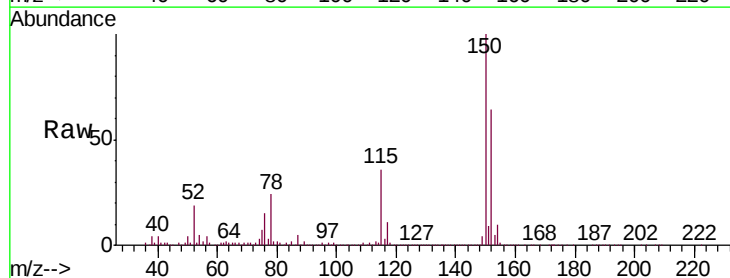
Instrument :
MSVOA_W
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TOD1-IB-8-0-2

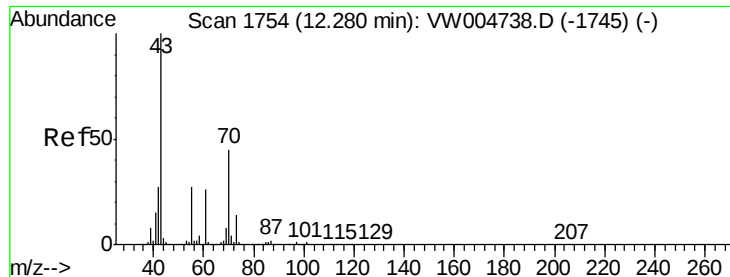
Tgt Ion:117 Resp: 937607
Ion Ratio Lower Upper
117 100
82 57.2 44.6 67.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004846.D
Acq: 21 Aug 2018 17:19

Tgt Ion:152 Resp: 438513
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.5
150 156.3 0.0 344.8





#74

N-ethyl acetate

Concen: 4.216 ug/l

RT: 12.20 min Scan# 1740

Delta R.T. -0.08 min

Lab File: VW004846.D

Acq: 21 Aug 2018 17:19

Instrument :

MSVOA_W

ClientSampleID :

TOD1-IB-8-0-2

Tgt Ion: 43 Resp: 1497

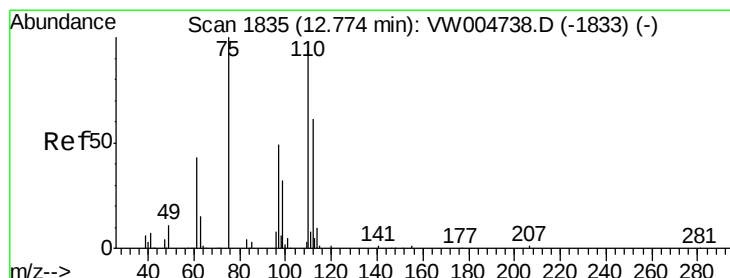
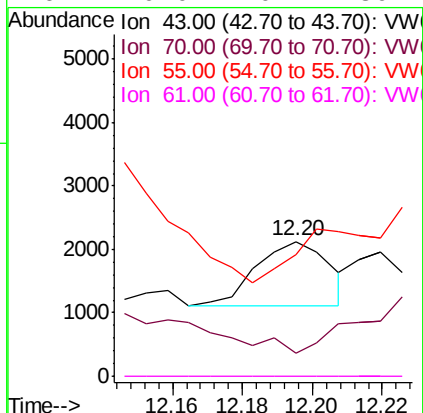
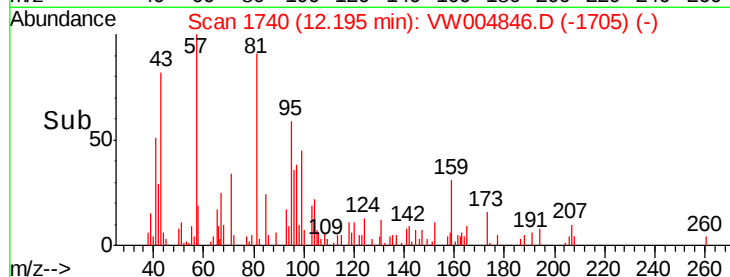
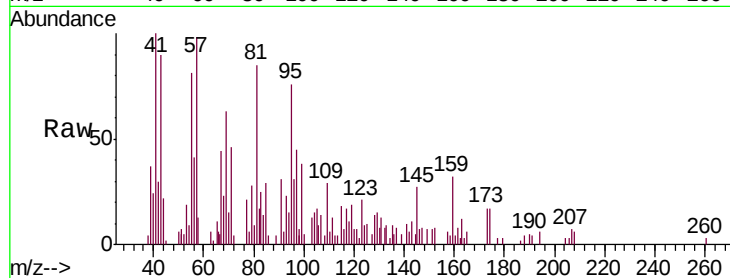
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 0.0 22.6 33.8#

61 0.0 20.2 30.4#



#76

1,2,3-Trichloropropane

Concen: 54.399 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004846.D

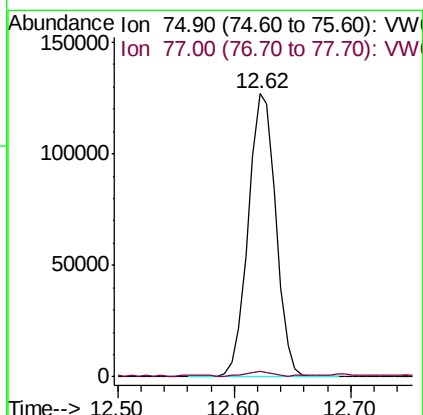
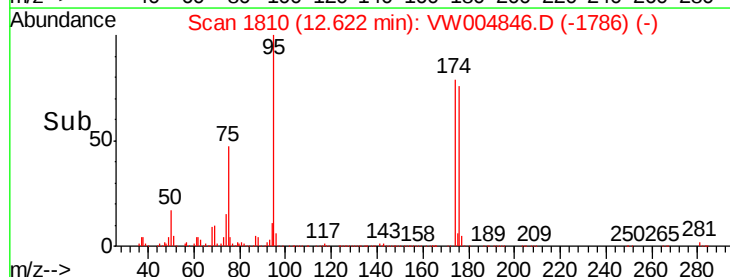
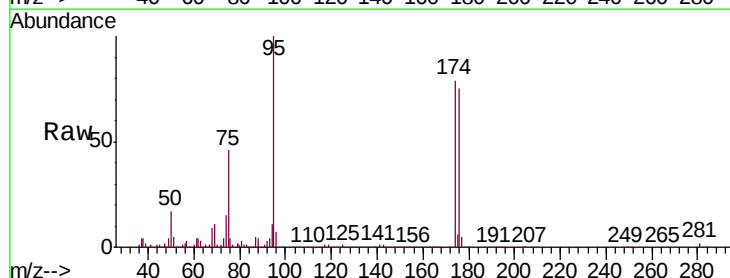
Acq: 21 Aug 2018 17:19

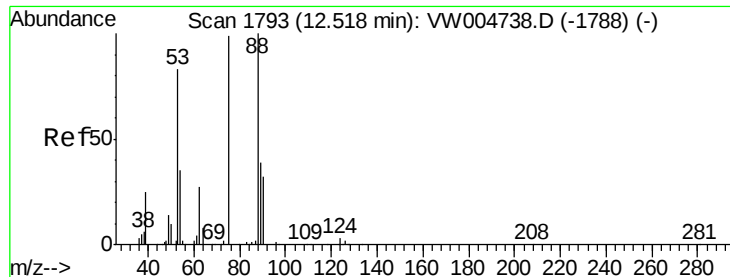
Tgt Ion: 75 Resp: 210283

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

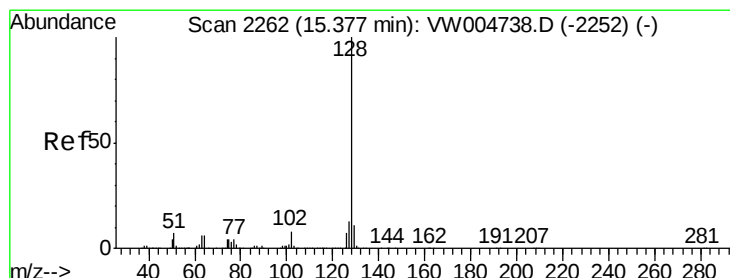
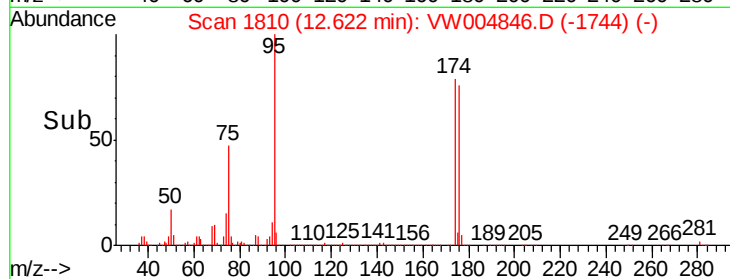
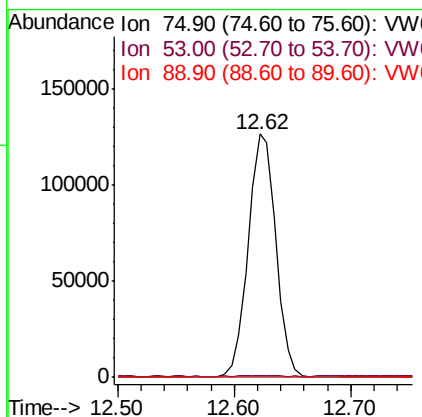
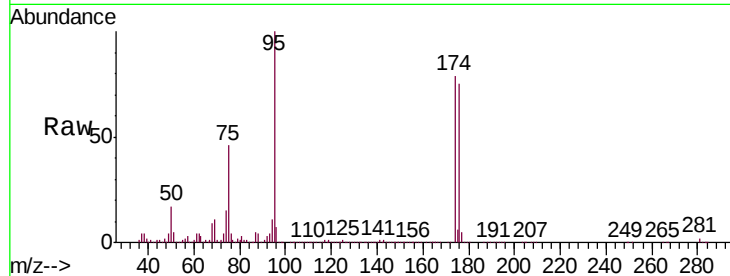




#81
trans-1,4-Dichloro-2-butene
Concen: 126.437 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004846.D
Acq: 21 Aug 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
TOD1-IB-8-0-2

Tgt Ion: 75 Resp: 210283
Ion Ratio Lower Upper
75 100
53 0.7 72.2 108.4#
89 0.1 35.2 52.8#



#95
Naphthalene
Concen: 3.565 ug/l
RT: 15.37 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VW004846.D
Acq: 21 Aug 2018 17:19

Tgt Ion: 128 Resp: 1121
Ion Ratio Lower Upper
128 100
127 17.1 10.4 15.6#
129 31.0 8.6 13.0#

