

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004778.D
 Acq On : 18 Aug 2018 12:56
 Operator : SY/AP
 Sample : J4448-01
 Misc : 6.46G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2

Quant Time: Aug 20 12:01:57 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	572410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	997959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	841663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	330180	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	329237	59.49	ug/l	0.00
Spiked Amount			Recovery	=	118.98%	
35) Dibromofluoromethane	7.89	113	321498	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
50) Toluene-d8	10.33	98	1032958	41.49	ug/l	0.00
Spiked Amount			Recovery	=	82.98%	
62) 4-Bromofluorobenzene	12.62	95	317617	35.46	ug/l	0.00
Spiked Amount			Recovery	=	70.92%	

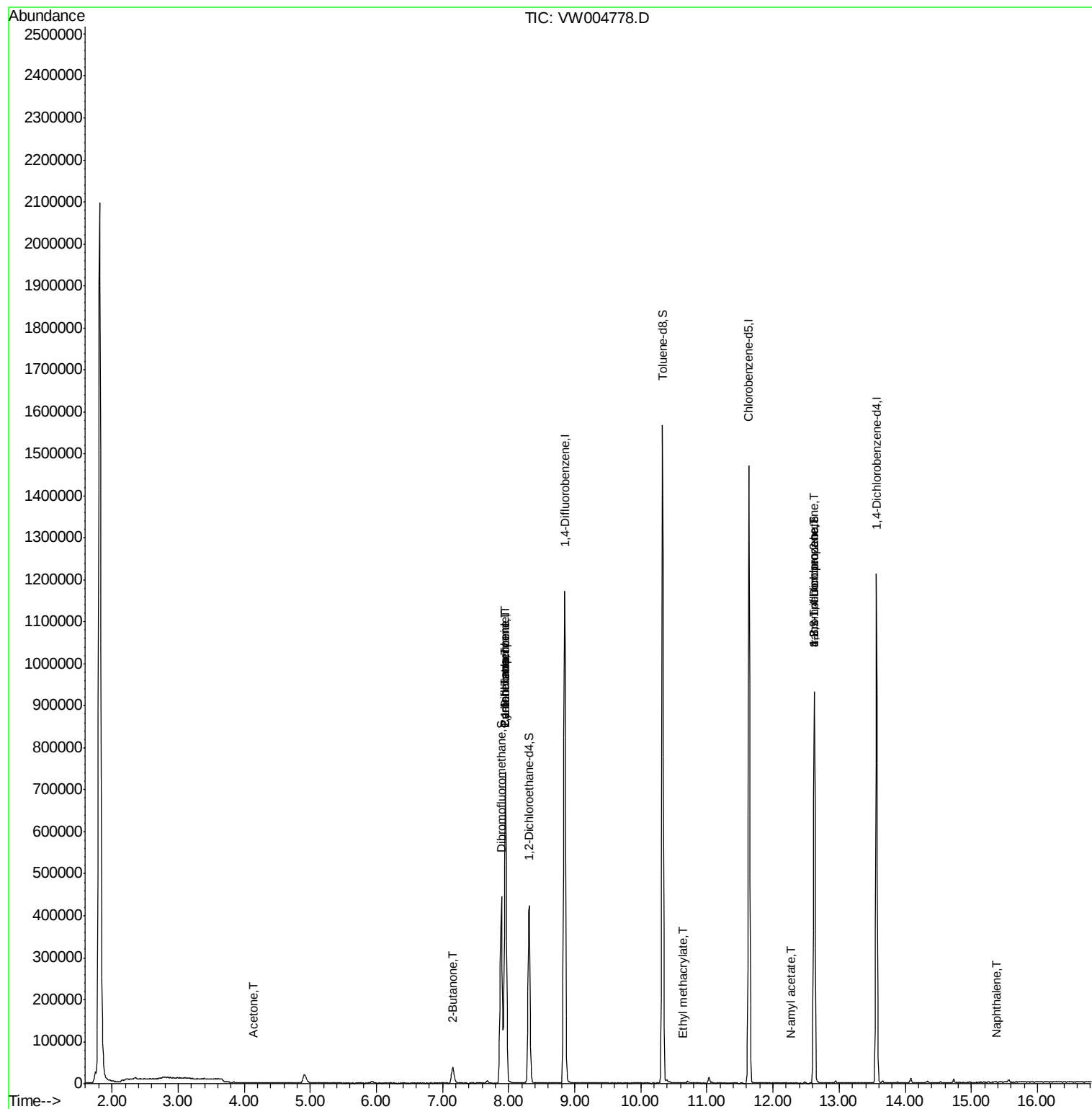
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2169	1.54	ug/l #	85
20) Methylene Chloride	4.91	84	17534	Below Cal		97
25) 2-Butanone	7.15	43	2112	1.05	ug/l #	87
31) Cyclohexane	7.95	56	10948	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	43341	4.22	ug/l #	48
38) Carbon Tetrachloride	7.95	117	54041	5.71	ug/l #	16
56) Ethyl methacrylate	10.63	69	20	2.98	ug/l #	1
74) N-amyl acetate	12.27	43	22	4.02	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	150854	51.83	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	150854	120.46	ug/l #	14
95) Naphthalene	15.38	128	707	3.56	ug/l #	69

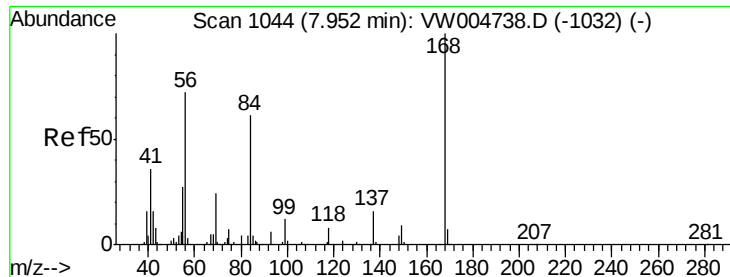
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081918\
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TOD1-SB-01-0-2

Quant Time: Aug 20 12:01:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004778.D

Acq: 18 Aug 2018 12:56

Instrument :

MSVOA_W

ClientSampleId :

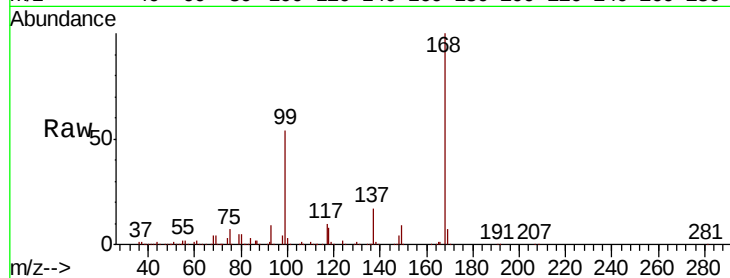
TOD1-SB-01-0-2

Tot Ion:168 Resp: 572410

Ion Ratio Lower Upper

168 100

99 54.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

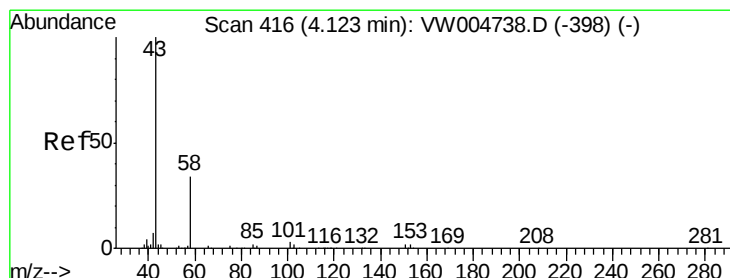
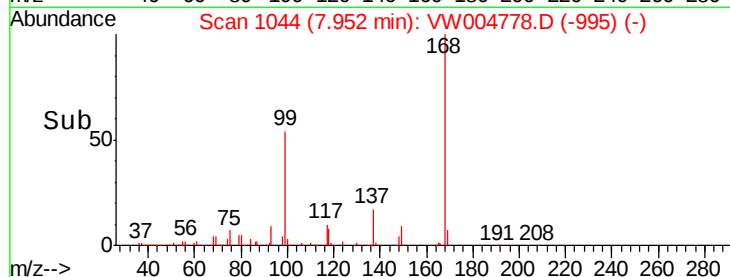
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.54 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004778.D

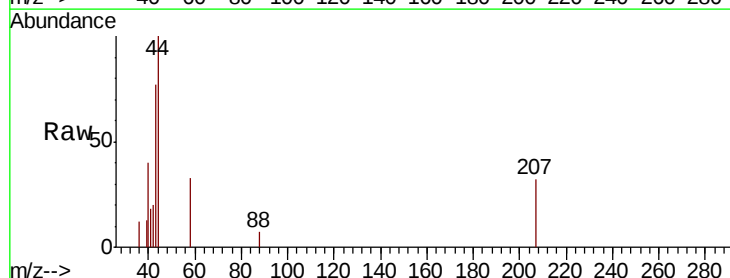
Acq: 18 Aug 2018 12:56

Tgt Ion: 43 Resp: 2169

Ion Ratio Lower Upper

43 100

58 42.5 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

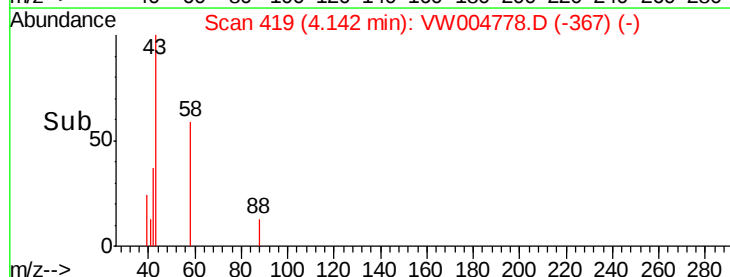
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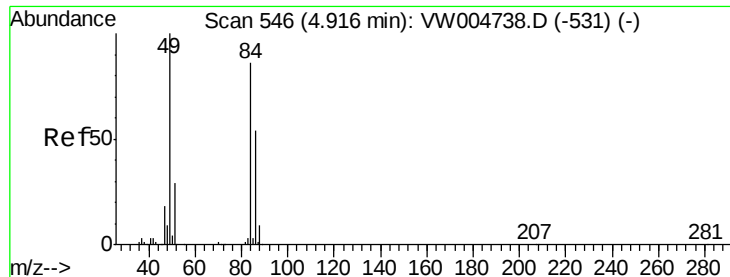
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200

0

Time-->



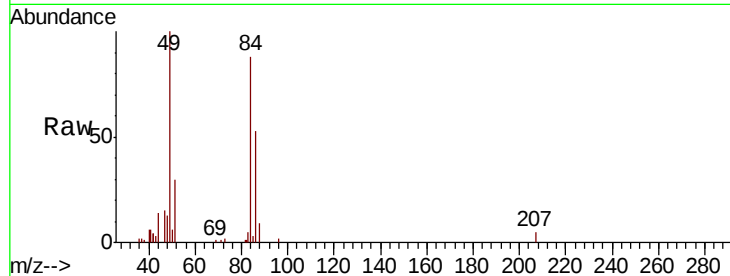


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.91 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: VW004778.D
 Acq: 18 Aug 2018 12:56

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2

Tot Ion:	84	Resp:	17534
Ion	Ratio	Lower	Upper
84	100		
49	113.6	93.2	139.8
51	34.0	27.4	41.0
86	60.1	50.6	75.8



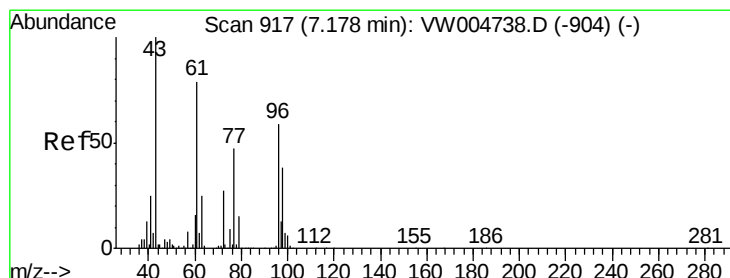
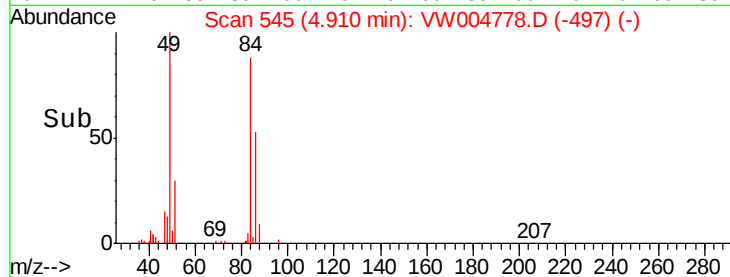
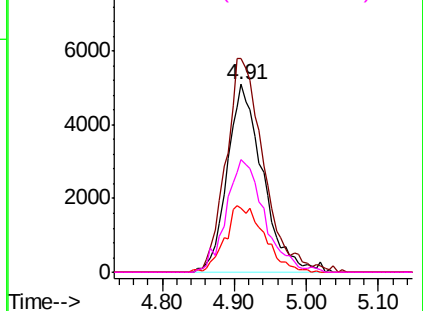
Abundance

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

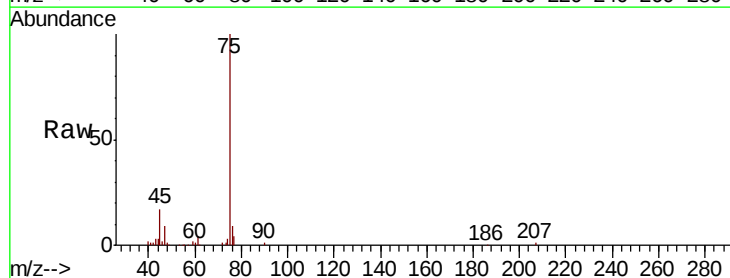
Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone
 Concen: 1.05 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: VW004778.D
 Acq: 18 Aug 2018 12:56

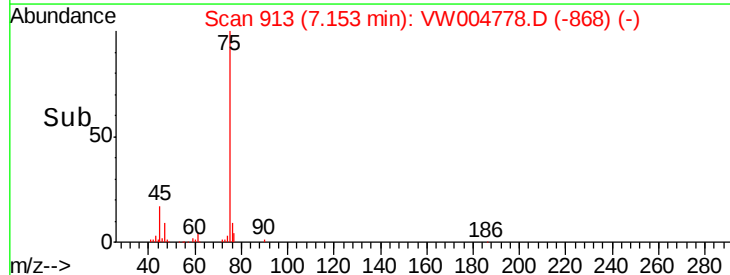
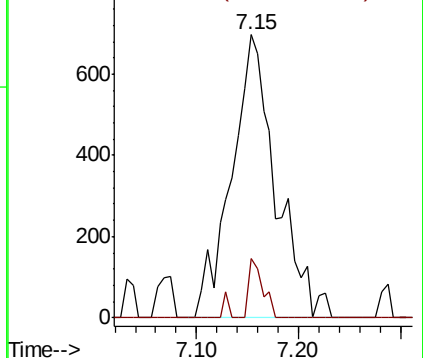
Tgt Ion:	43	Resp:	2112
Ion	Ratio	Lower	Upper
43	100		
72	20.9	22.0	33.0#

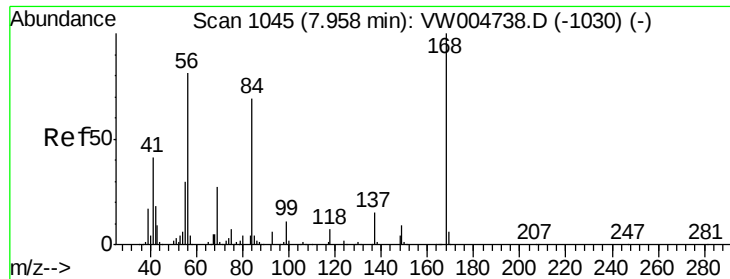


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

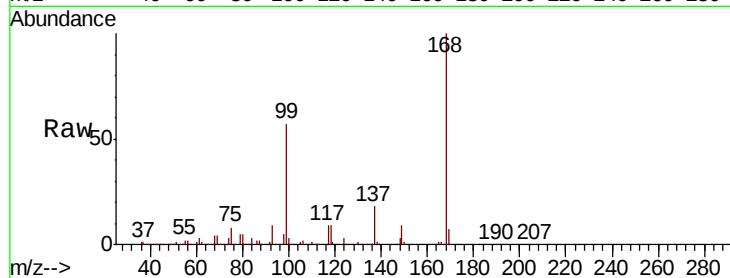




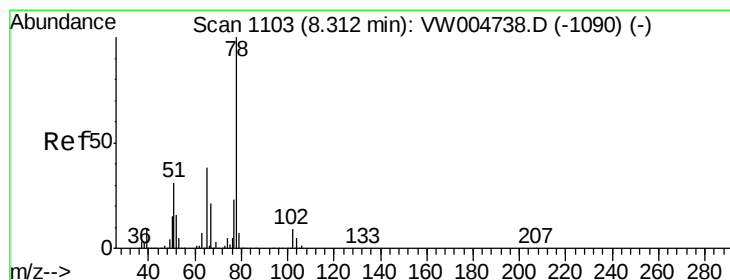
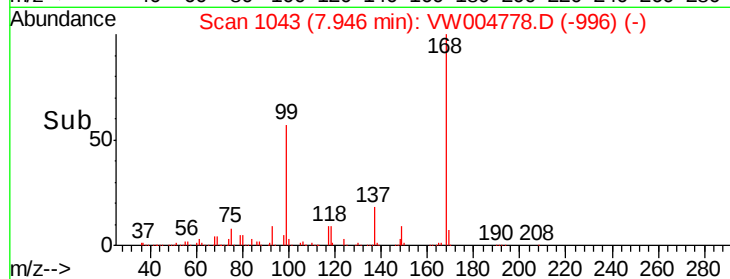
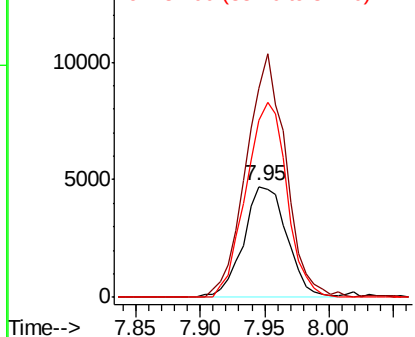
#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004778.D
Acq: 18 Aug 2018 12:56

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2

Tot Ion: 56 Resp: 10948
Ion Ratio Lower Upper
56 100
69 189.5 27.1 40.7#
84 160.6 68.3 102.5#

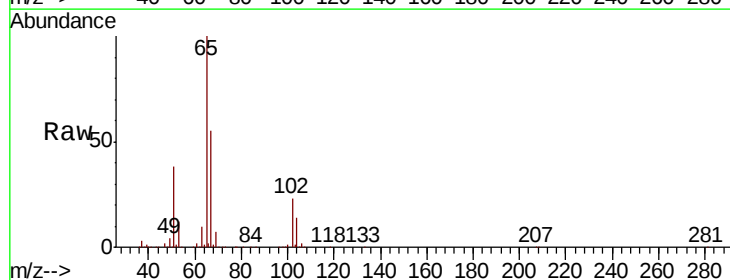


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

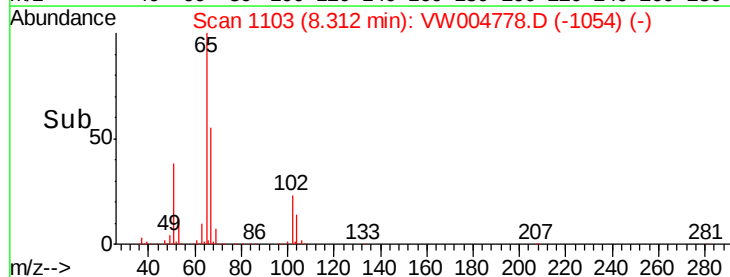
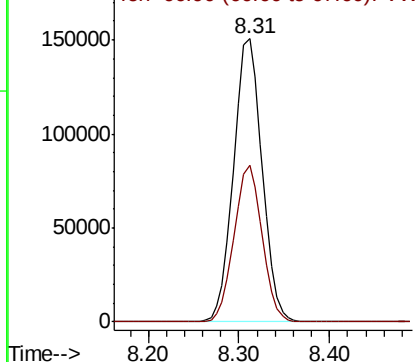


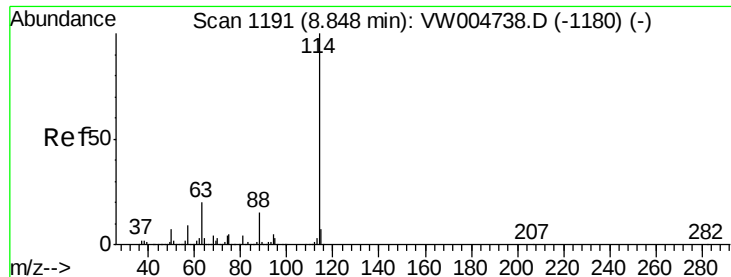
#33
1,2-Dichloroethane-d4
Concen: 59.49 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004778.D
Acq: 18 Aug 2018 12:56

Tgt Ion: 65 Resp: 329237
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

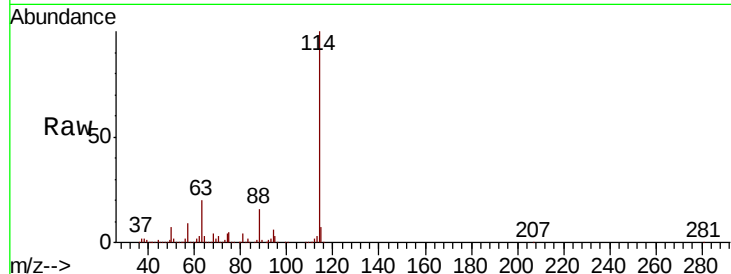




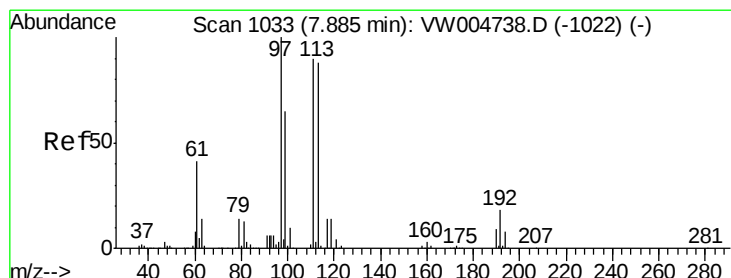
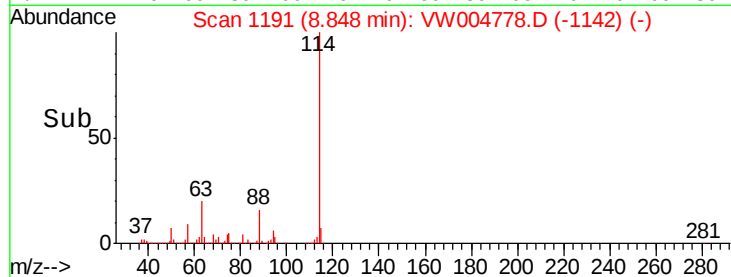
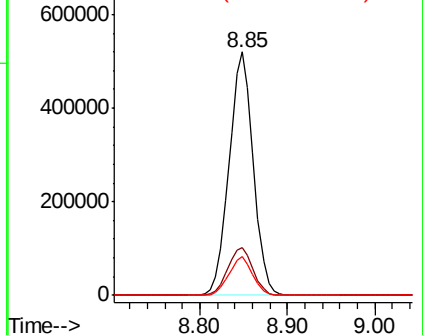
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW004778.D
Acq: 18 Aug 2018 12:56

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.7	0.0	30.0

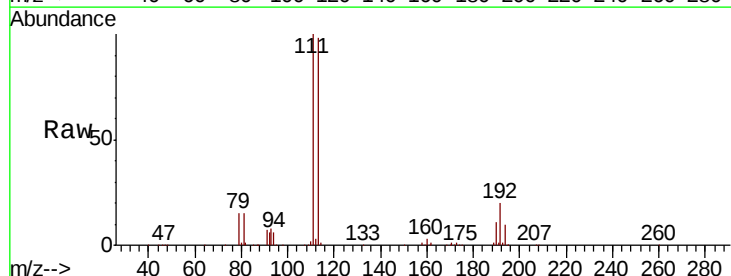


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

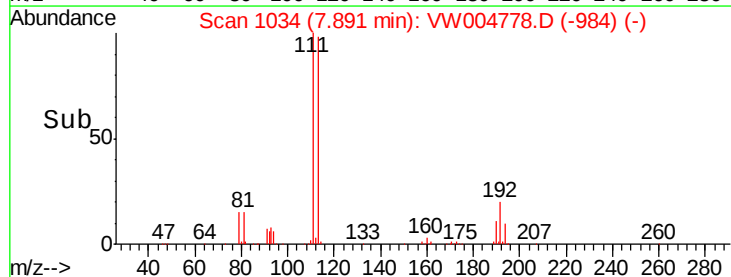
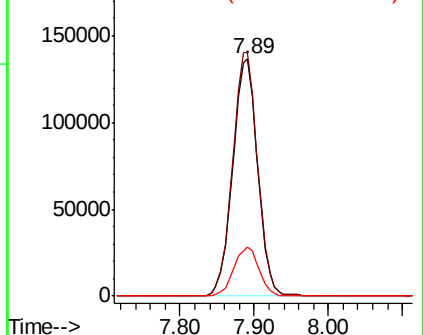


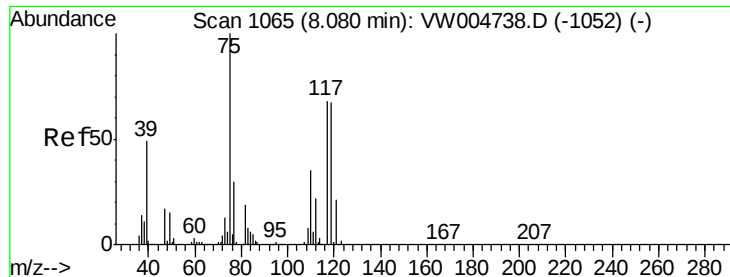
#35
Dibromofluoromethane
Concen: 50.41 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW004778.D
Acq: 18 Aug 2018 12:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	20.8	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: 4.22 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004778.D

Acq: 18 Aug 2018 12:56

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2

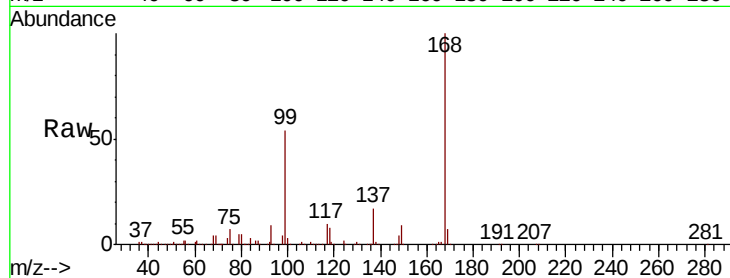
Tot Ion: 75 Resp: 43341

Ion Ratio Lower Upper

75 100

110 7.5 17.8 53.5#

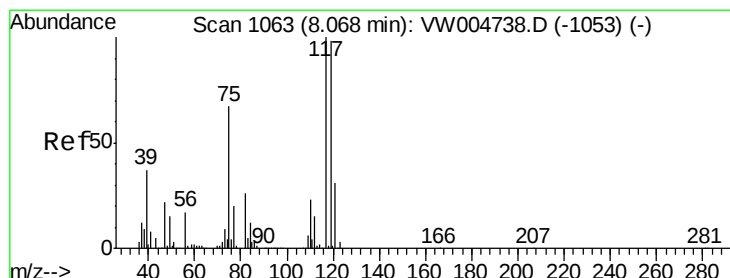
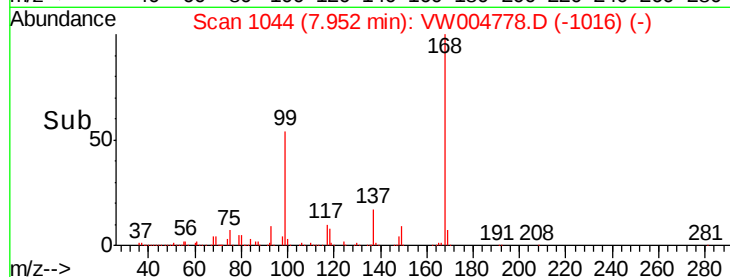
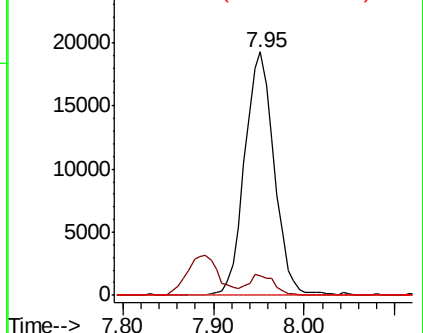
77 0.0 24.9 37.3#



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: 5.71 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004778.D

Acq: 18 Aug 2018 12:56

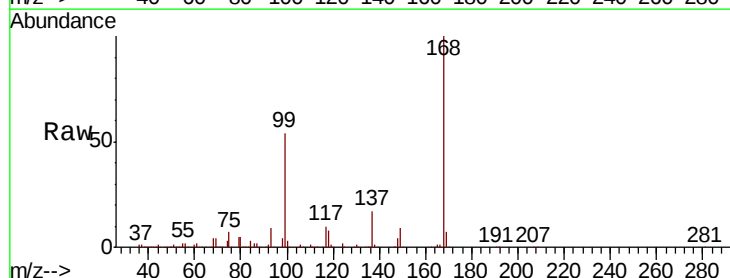
Tgt Ion: 117 Resp: 54041

Ion Ratio Lower Upper

117 100

119 6.2 78.0 117.0#

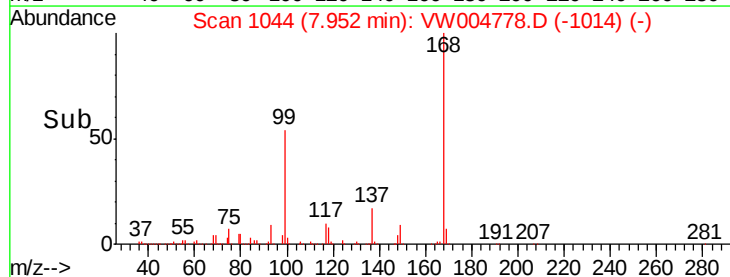
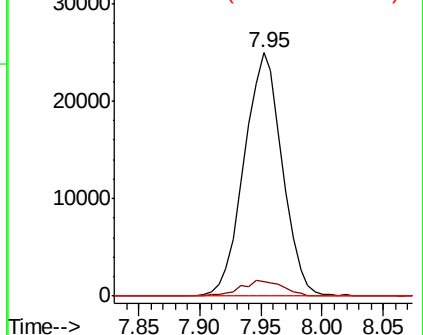
121 0.0 24.8 37.2#

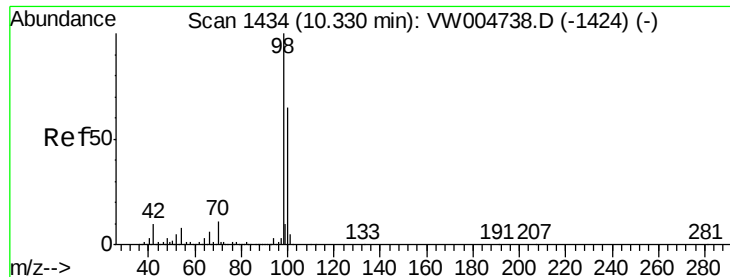


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 41.49 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004778.D

Acq: 18 Aug 2018 12:56

Instrument :

MSVOA_W

ClientSampled :

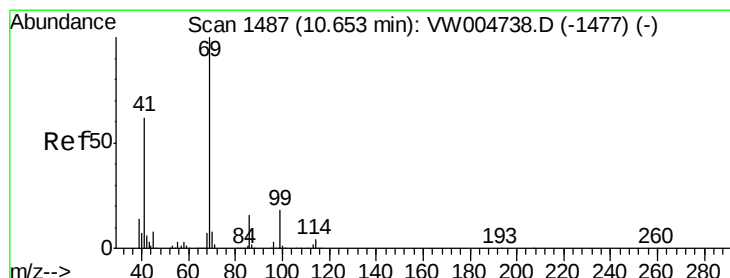
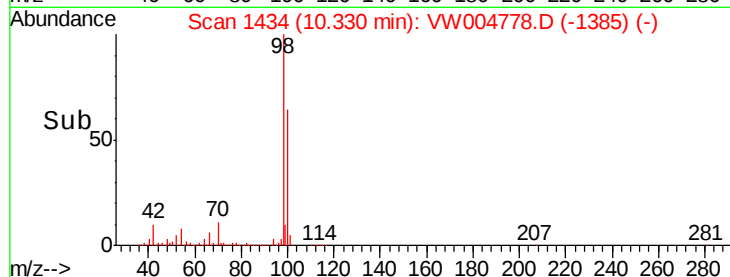
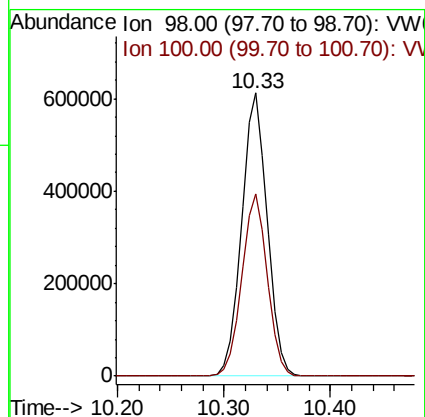
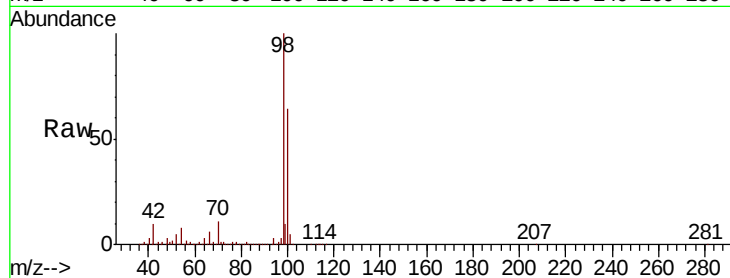
TOD1-SB-01-0-2

Tot Ion: 98 Resp: 1032958

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.8



#56

Ethyl methacrylate

Concen: 2.98 ug/l

RT: 10.63 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW004778.D

Acq: 18 Aug 2018 12:56

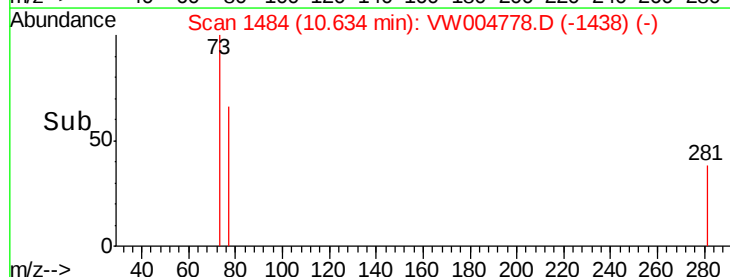
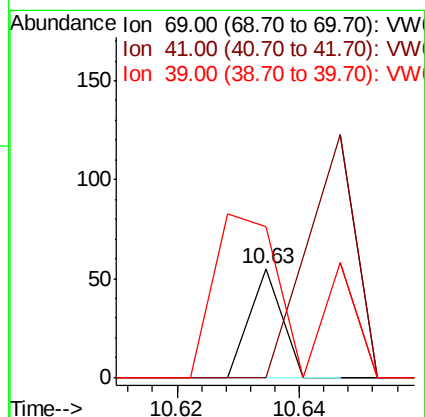
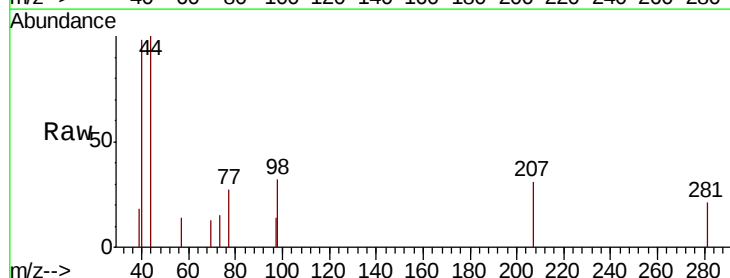
Tgt Ion: 69 Resp: 20

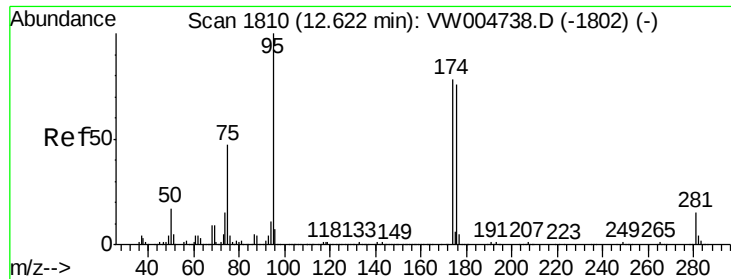
Ion Ratio Lower Upper

69 100

41 335.0 50.7 76.1#

39 395.0 21.4 32.2#

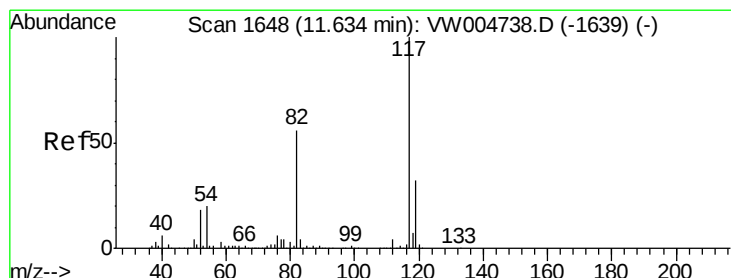
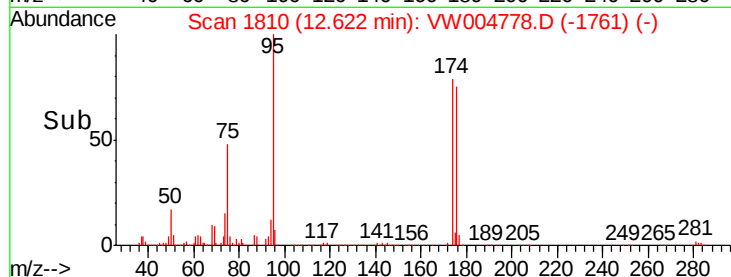
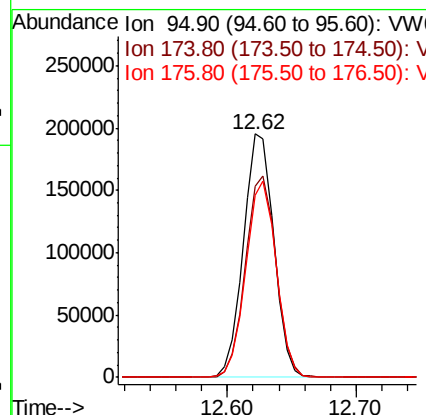
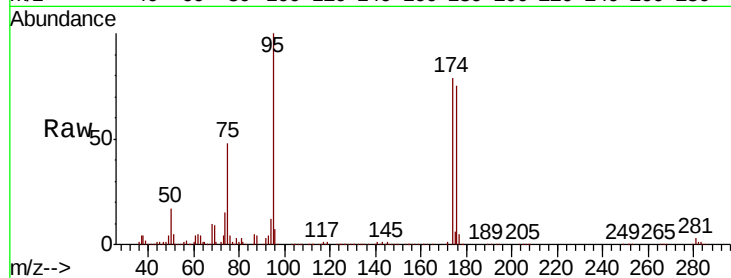




#62
4-Bromofluorobenzene
Concen: 35.46 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004778.D
Acq: 18 Aug 2018 12:56

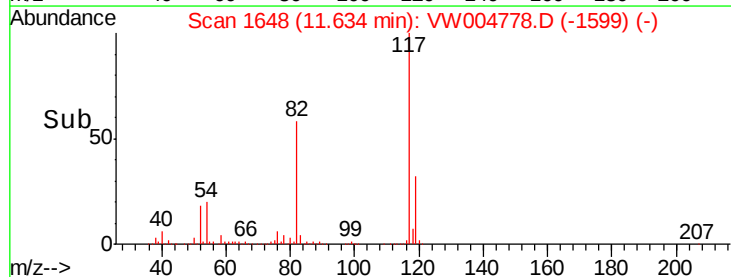
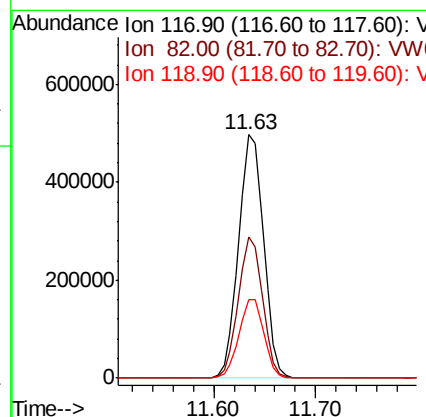
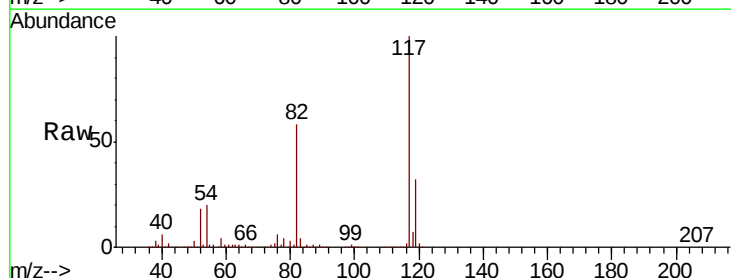
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2

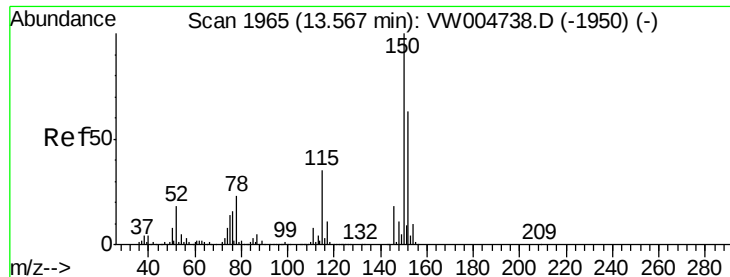
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	165.8
176	80.4	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004778.D
Acq: 18 Aug 2018 12:56

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.6	67.0
119	32.0	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004778.D

Acq: 18 Aug 2018 12:56

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2

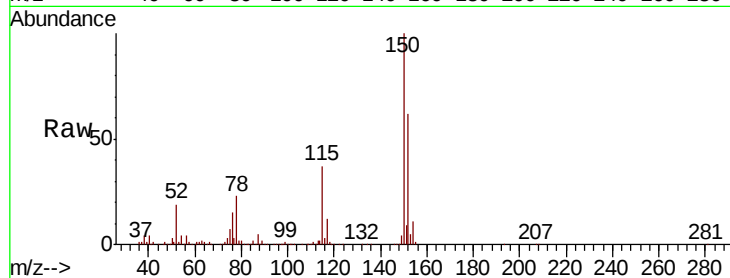
Tot Ion:152 Resp: 330180

Ion Ratio Lower Upper

152 100

115 58.0 28.5 85.5

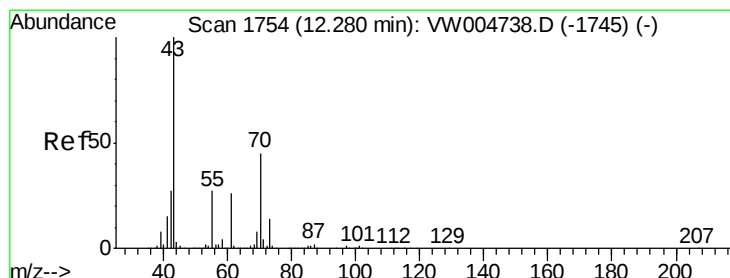
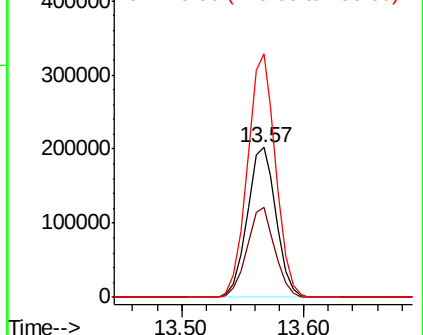
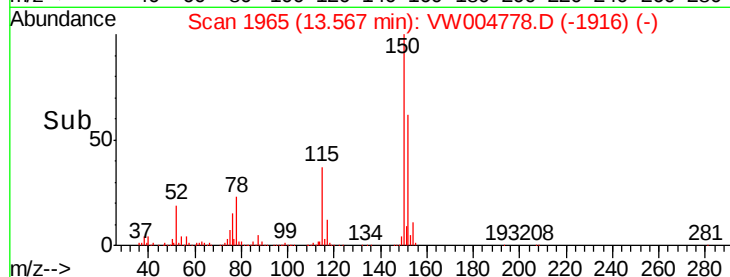
150 158.8 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 4.02 ug/l

RT: 12.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VW004778.D

Acq: 18 Aug 2018 12:56

Tgt Ion: 43 Resp: 22

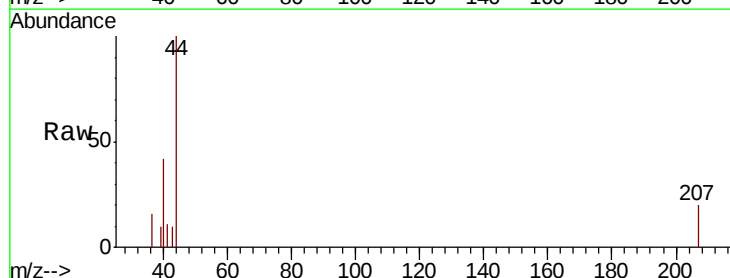
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 0.0 22.6 33.8#

61 0.0 20.2 30.4#

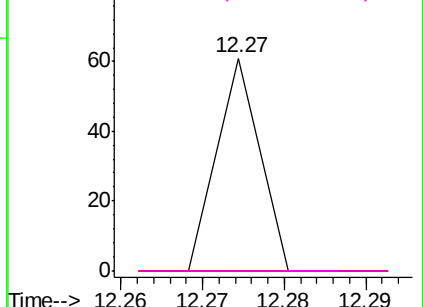
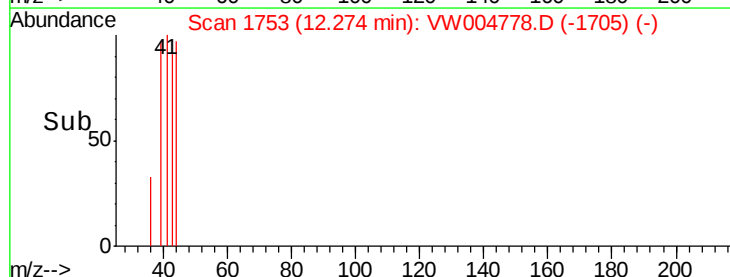


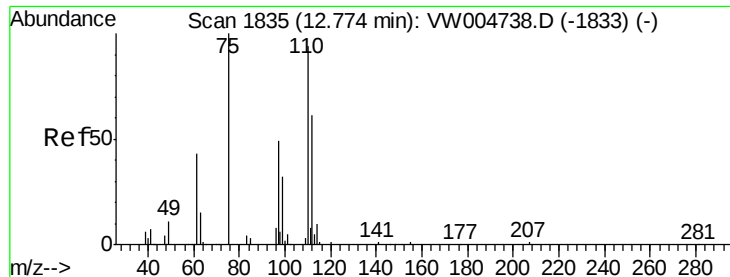
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 51.83 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004778.D

Acq: 18 Aug 2018 12:56

Instrument :

MSVOA_W

ClientSampleId :

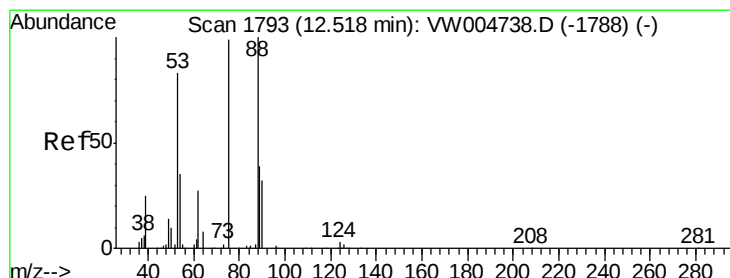
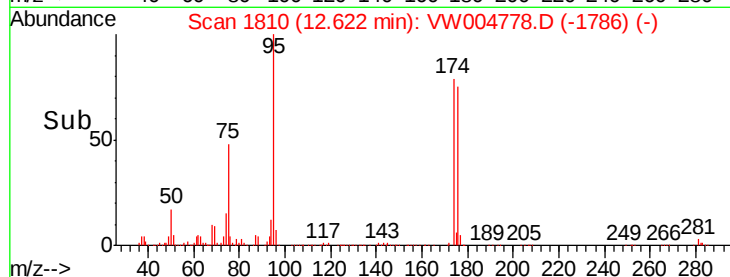
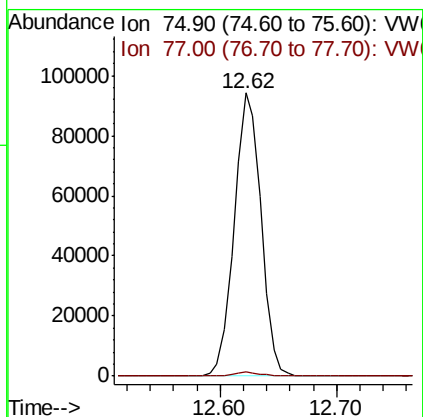
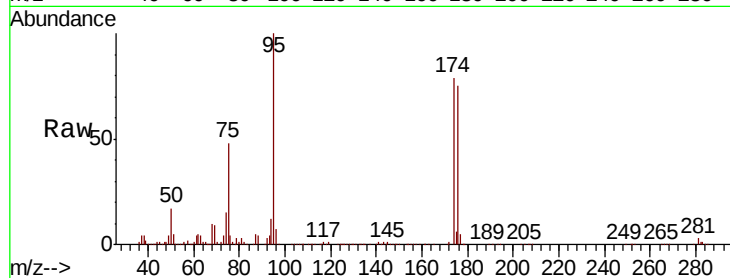
TOD1-SB-01-0-2

Tot Ion: 75 Resp: 150854

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 120.46 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004778.D

Acq: 18 Aug 2018 12:56

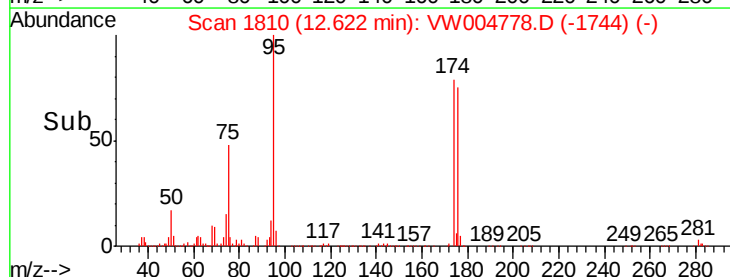
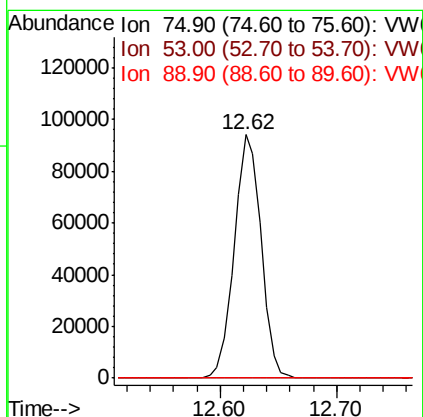
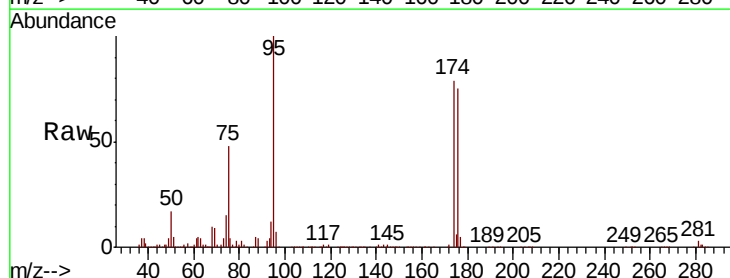
Tgt Ion: 75 Resp: 150854

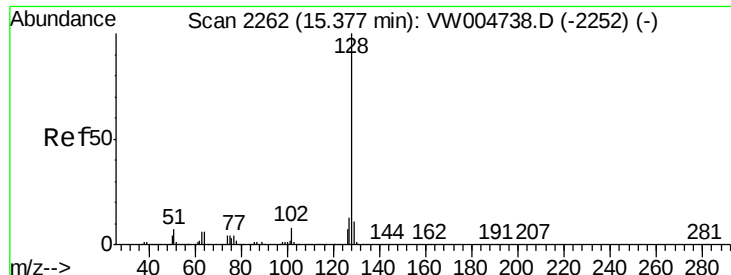
Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.4#

89 0.1 35.2 52.8#





#95

Naphthalene

Concen: 3.56 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004778.D

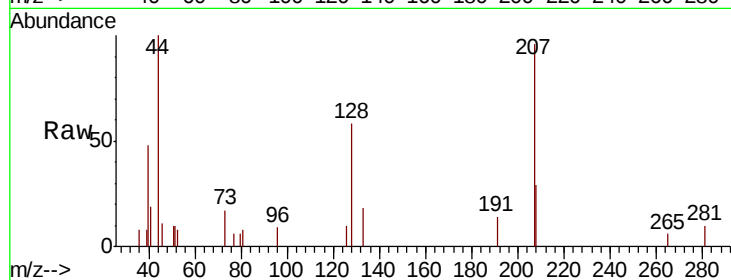
Acq: 18 Aug 2018 12:56

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2



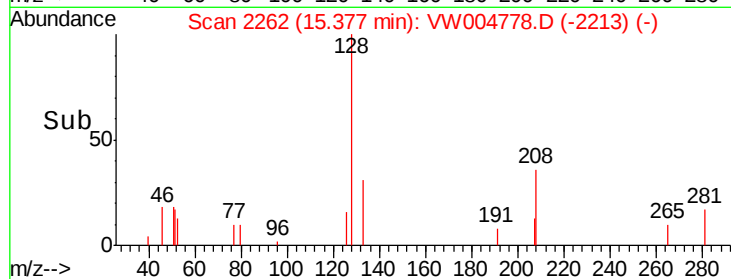
Tot Ion:128 Resp: 707

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 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

