

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016280.D
 Acq On : 20 Aug 2020 23:54
 Operator : SY/VA
 Sample : L3712-08RE
 Misc : 8.95G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VB-27207RE

Quant Time: Aug 21 03:51:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	182602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	328735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109005	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	99084	55.64	ug/l	0.00
Spiked Amount			Recovery	=	111.28%	
35) Dibromofluoromethane	7.88	113	103974	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
50) Toluene-d8	10.32	98	411887	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.62	95	126331	45.01	ug/l	0.00
Spiked Amount			Recovery	=	90.02%	

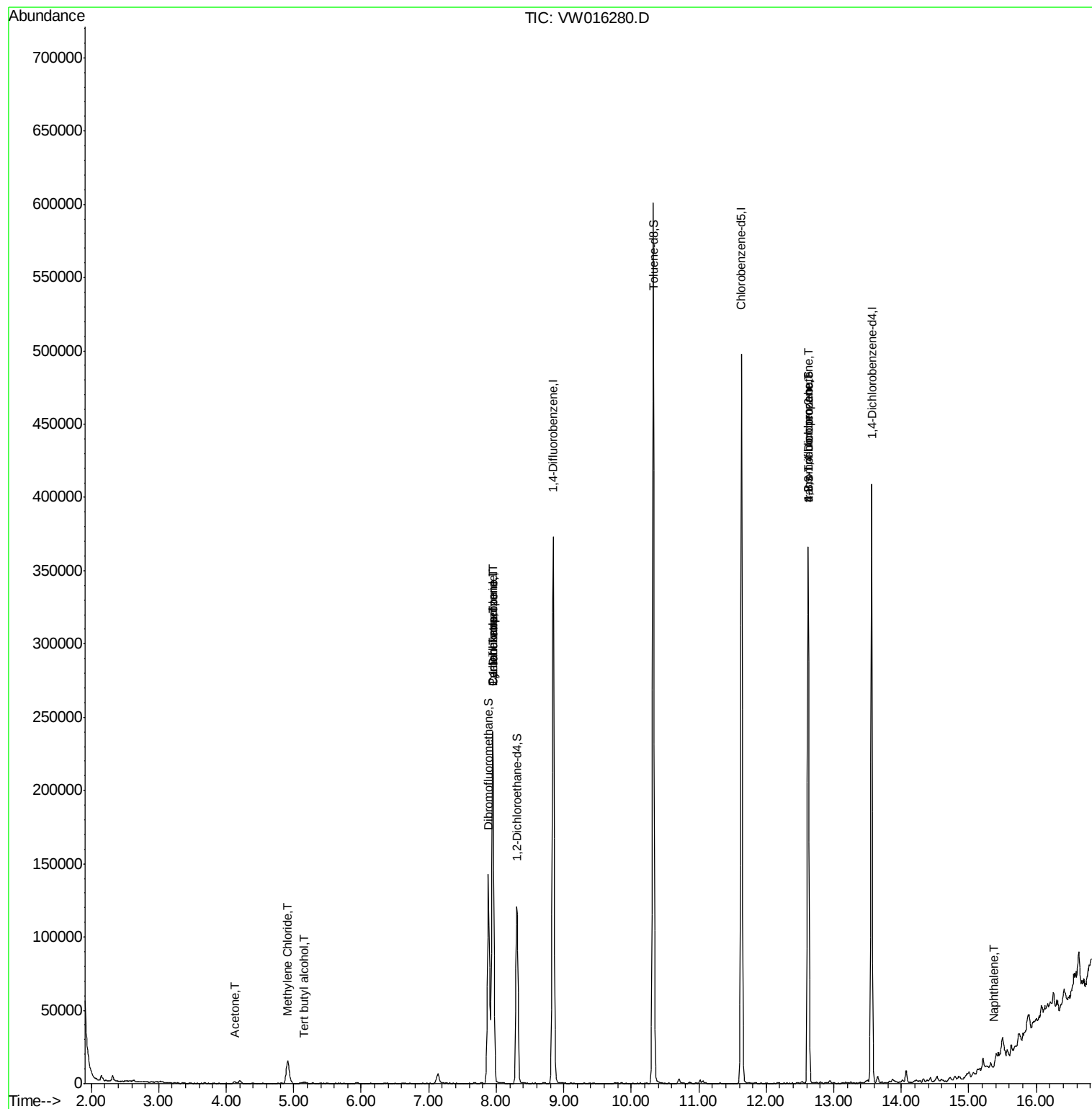
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	2323	24.511	ug/l #	74
16) Acetone	4.12	43	2168	6.355	ug/l #	85
20) Methylene Chloride	4.91	84	13177	1.416	ug/l	97
31) Cyclohexane	7.95	56	3517	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13629	4.208	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18896	5.847	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	60002	59.853	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	60002	143.566	ug/l #	12
95) Naphthalene	15.36	128	1371	3.895	ug/l #	88

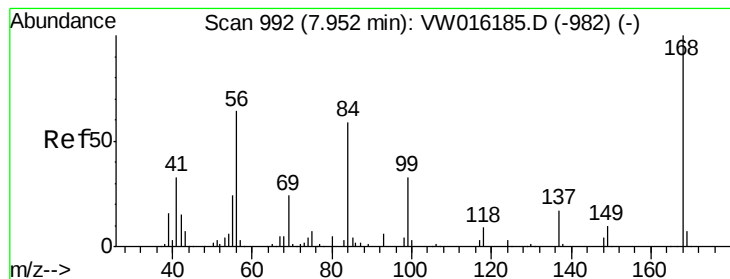
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016280.D

Acq: 20 Aug 2020 23:54

Instrument :

MSVOA_W

ClientSampleId :

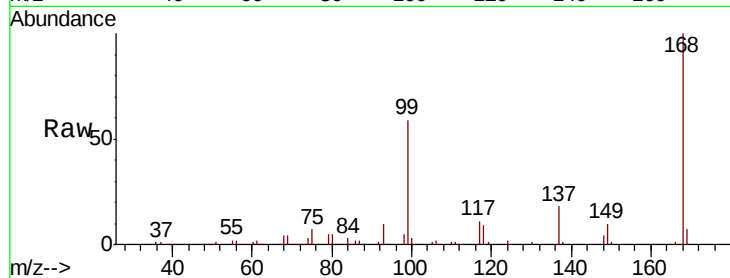
VB-27207RE

Tot Ion:168 Resp: 182602

Ion Ratio Lower Upper

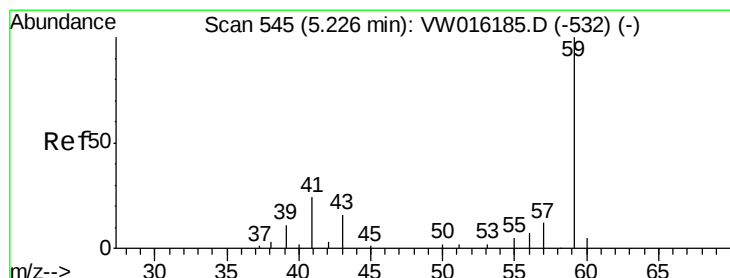
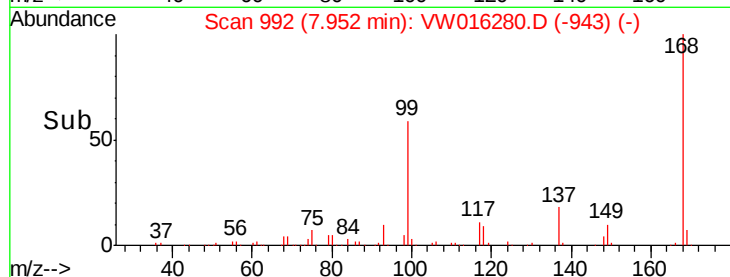
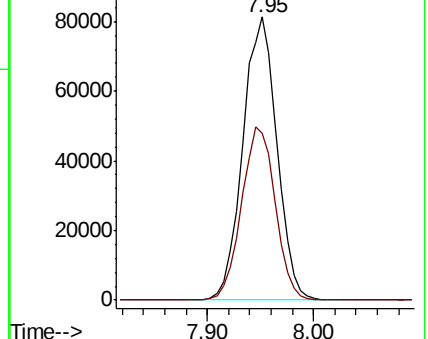
168 100

99 59.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 24.511 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.07 min

Lab File: VW016280.D

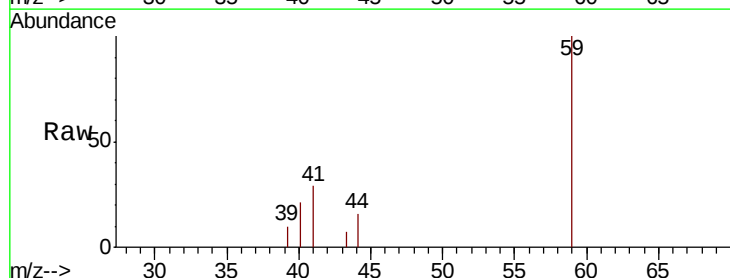
Acq: 20 Aug 2020 23:54

Tgt Ion: 59 Resp: 2323

Ion Ratio Lower Upper

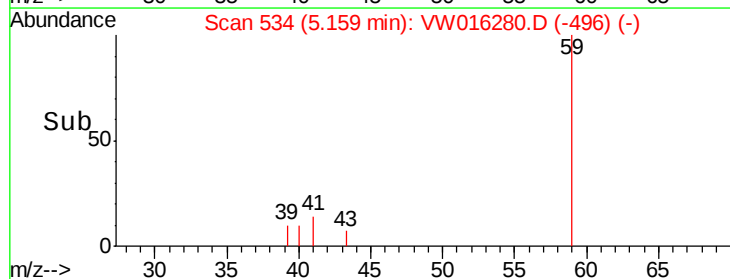
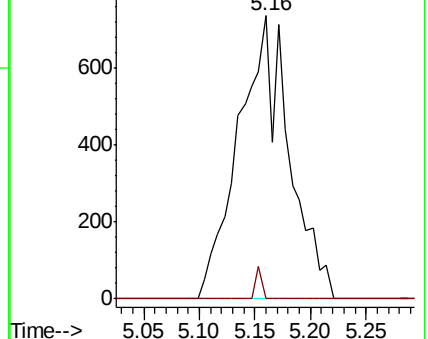
59 100

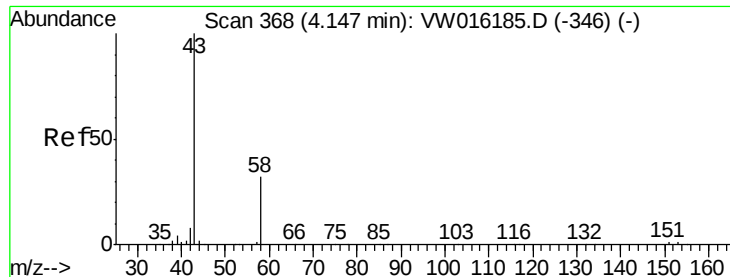
57 1.3 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 6.355 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016280.D

Acq: 20 Aug 2020 23:54

Instrument :

MSVOA_W

ClientSampleId :

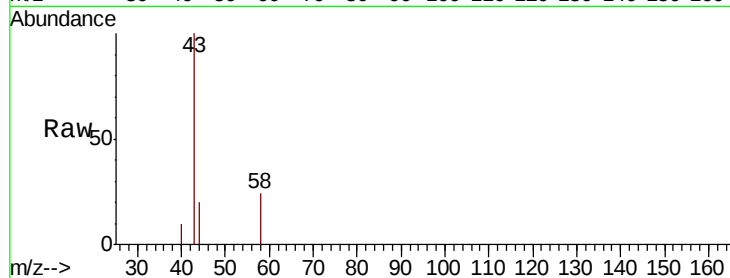
VB-27207RE

Tot Ion: 43 Resp: 2168

Ion Ratio Lower Upper

43 100

58 23.7 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

800

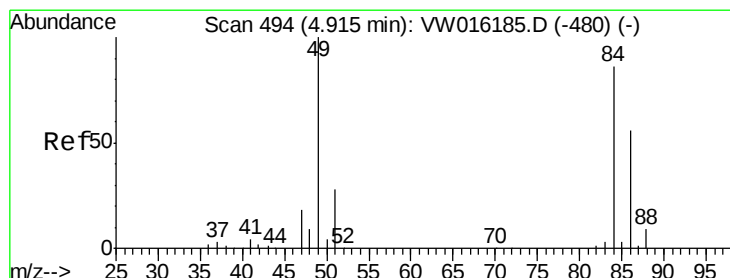
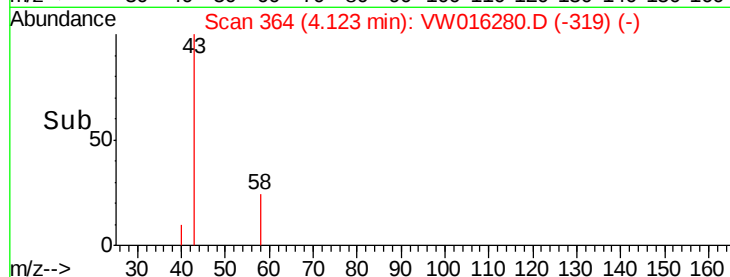
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 1.416 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016280.D

Acq: 20 Aug 2020 23:54

Tgt Ion: 84 Resp: 13177

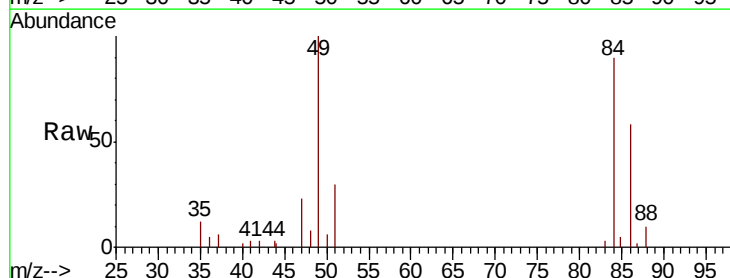
Ion Ratio Lower Upper

84 100

49 111.0 93.4 140.2

51 32.8 26.6 40.0

86 64.5 52.2 78.2



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

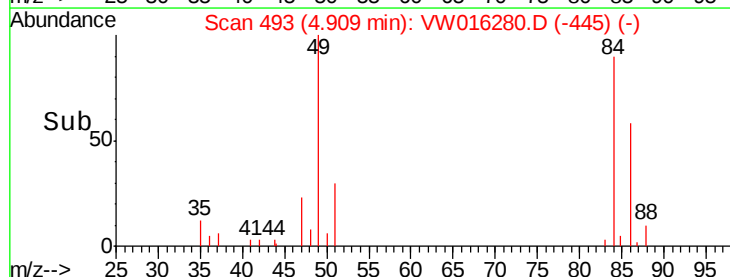
6000

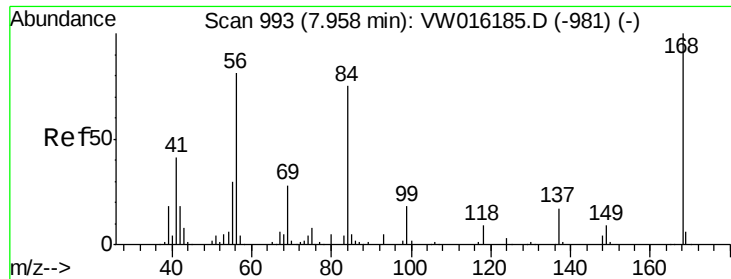
4000

2000

0

Time-->

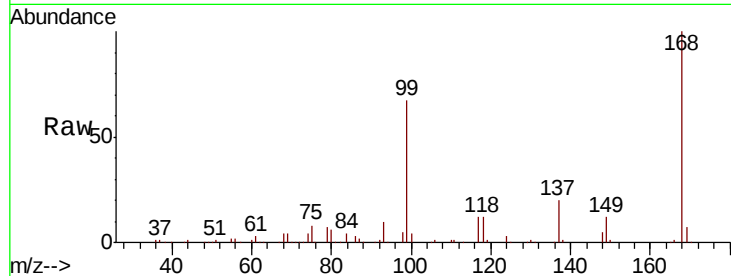




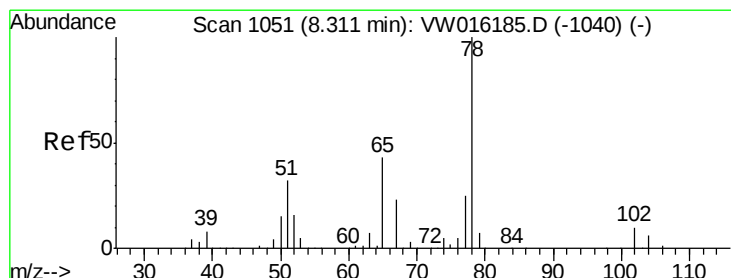
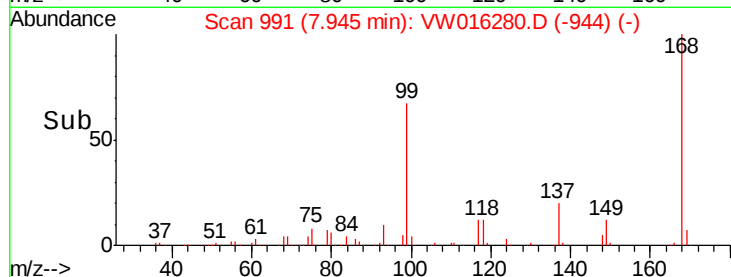
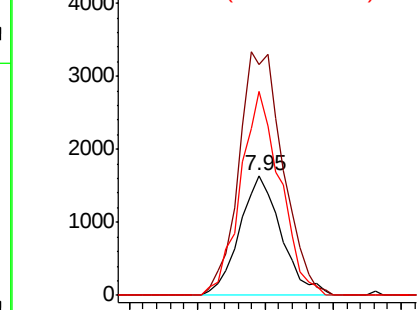
#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW016280.D
Acq: 20 Aug 2020 23:54

Instrument :
MSVOA_W
ClientSampleId :
VB-27207RE

Tot Ion: 56 Resp: 3517
Ion Ratio Lower Upper
56 100
69 192.6 27.3 40.9#
84 169.8 73.5 110.3#

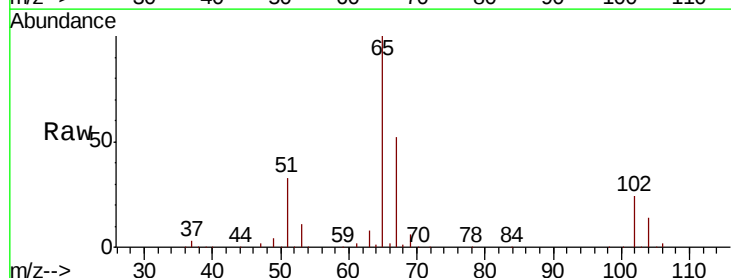


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

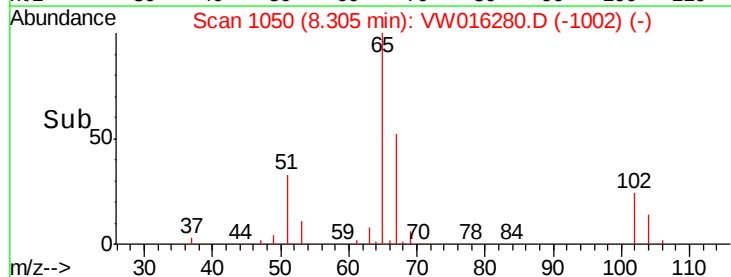
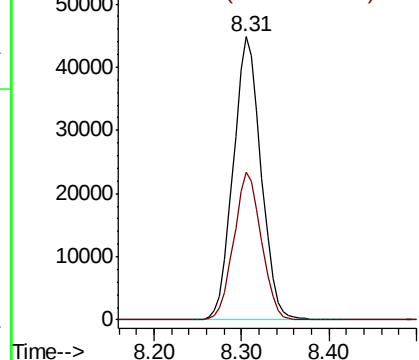


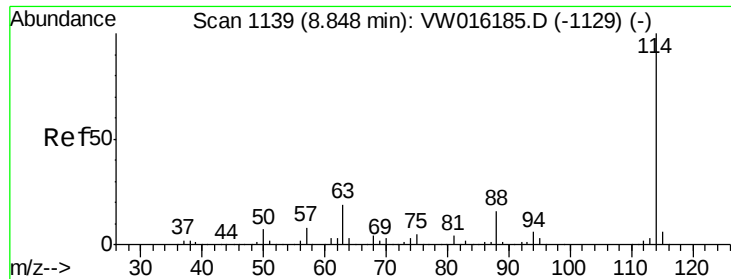
#33
1,2-Dichloroethane-d4
Concen: 55.642 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW016280.D
Acq: 20 Aug 2020 23:54

Tgt Ion: 65 Resp: 99084
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.6



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

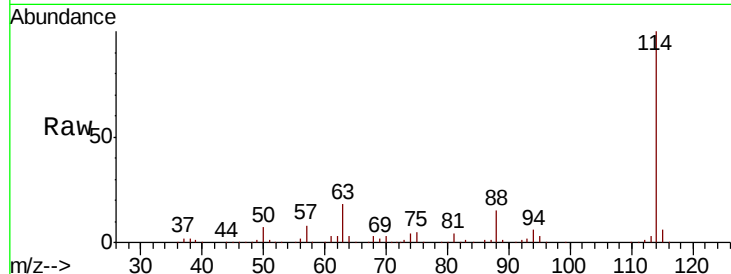




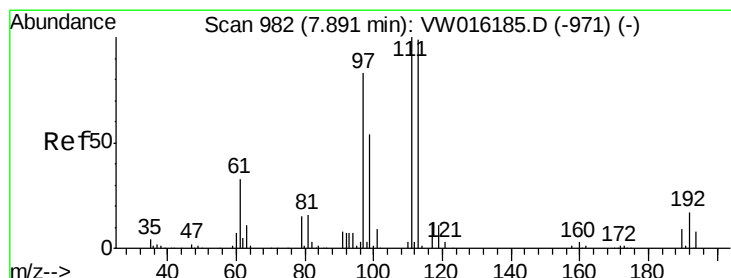
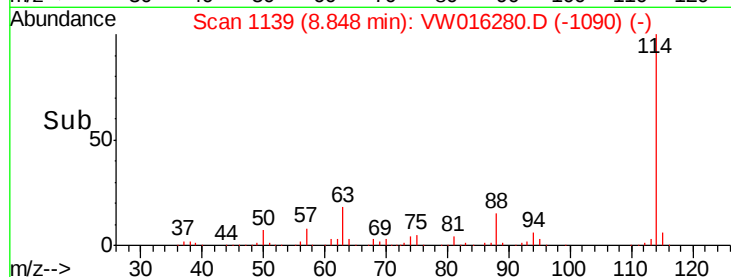
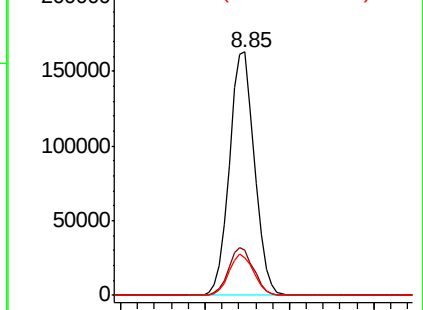
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016280.D
 Acq: 20 Aug 2020 23:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VB-27207RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.4
88	15.2	0.0	32.8

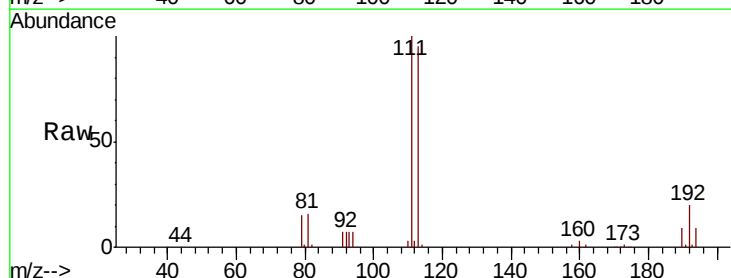


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

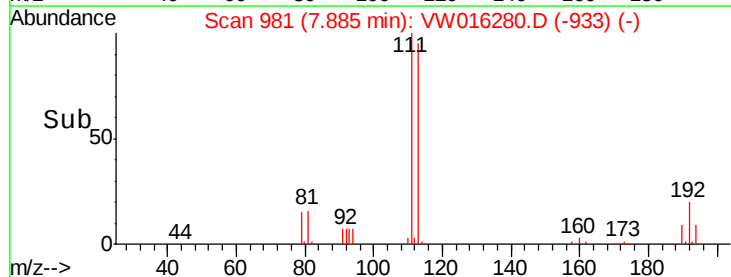
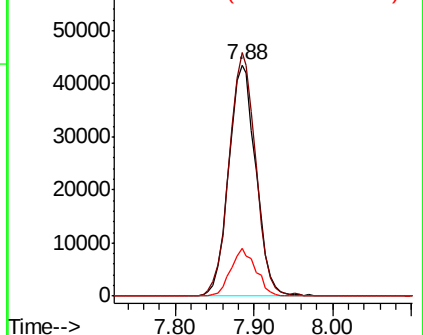


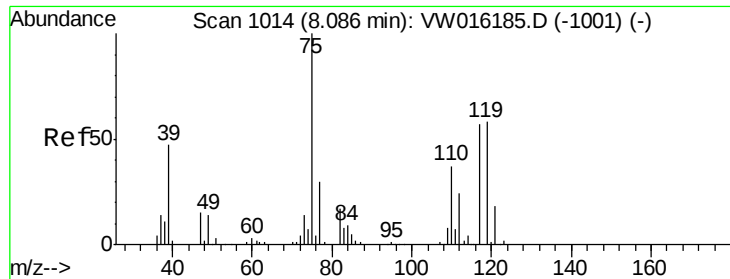
#35
 Dibromofluoromethane
 Concen: 51.261 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016280.D
 Acq: 20 Aug 2020 23:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.5	125.3
192	19.1	14.3	21.5



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

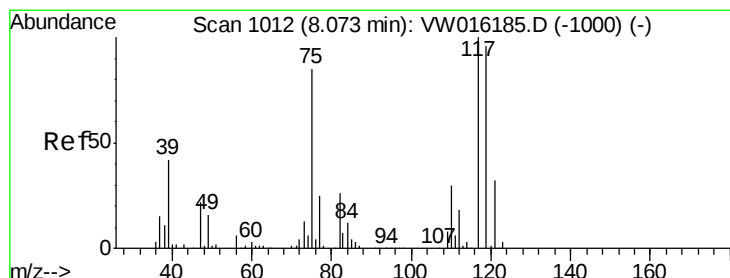
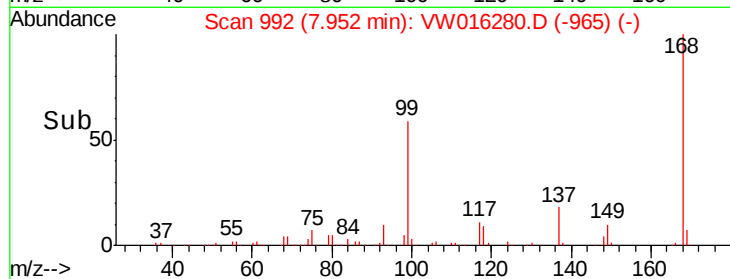
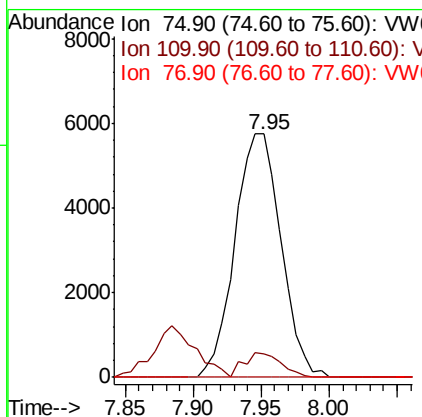
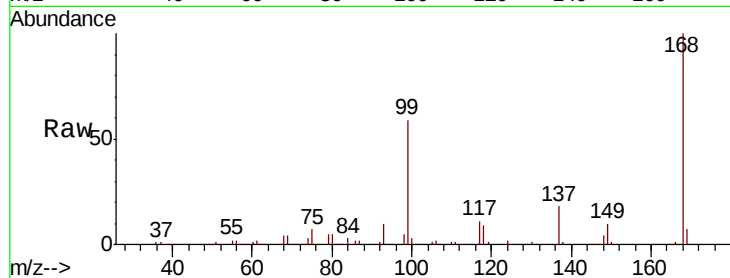




#36
 1,1-Dichloropropene
 Concen: 4.208 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW016280.D
 Acq: 20 Aug 2020 23:54

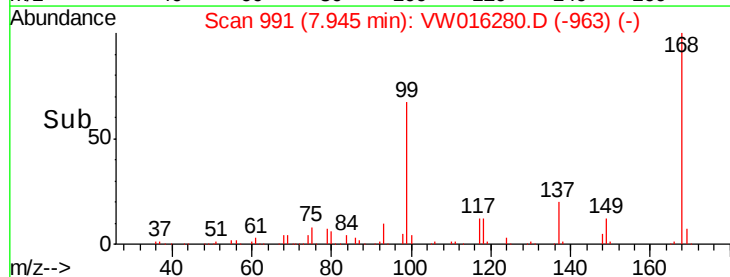
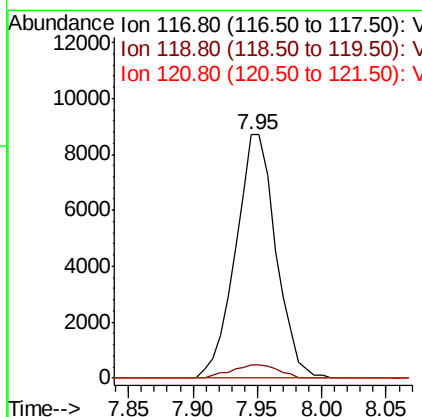
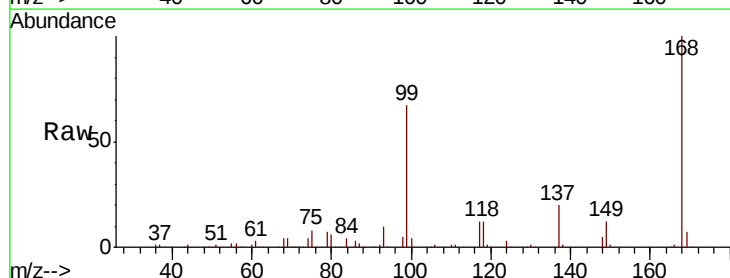
Instrument :
 MSVOA_W
 ClientSampleId :
 VB-27207RE

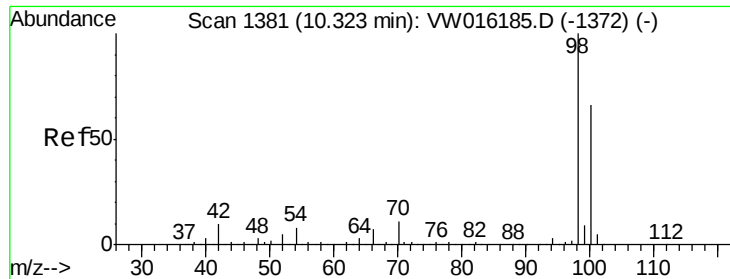
Tot Ion	75	Resp	13629
Ion Ratio	100	Lower	Upper
75	100		
110	8.3	18.1	54.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.847 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW016280.D
 Acq: 20 Aug 2020 23:54

Tgt Ion	117	Resp	18896
Ion Ratio	100	Lower	Upper
117	100		
119	5.3	76.6	115.0#
121	0.0	25.4	38.0#





#50

Toluene-d8

Concen: 52.461 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016280.D

Acq: 20 Aug 2020 23:54

Instrument :

MSVOA_W

ClientSampled :

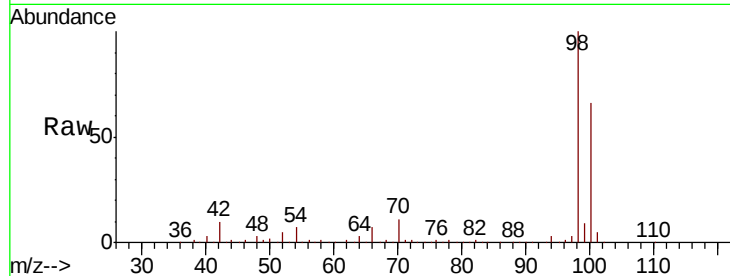
VB-27207RE

Tot Ion: 98 Resp: 411887

Ion Ratio Lower Upper

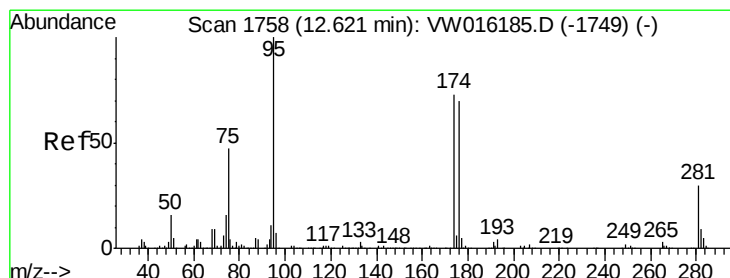
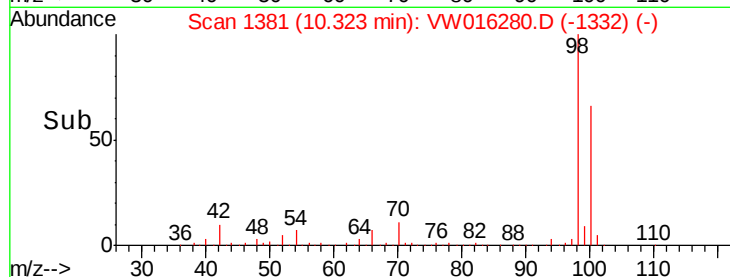
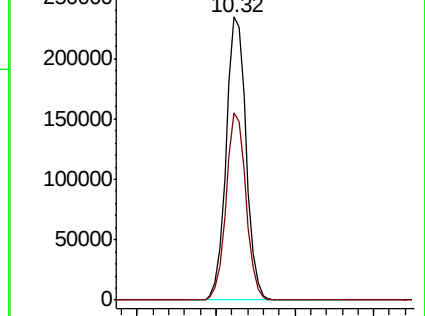
98 100

100 65.9 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.014 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016280.D

Acq: 20 Aug 2020 23:54

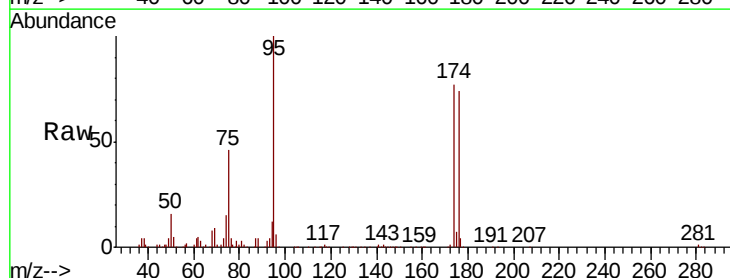
Tgt Ion: 95 Resp: 126331

Ion Ratio Lower Upper

95 100

174 75.8 0.0 145.6

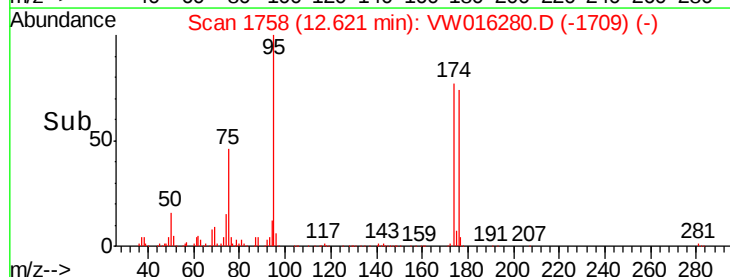
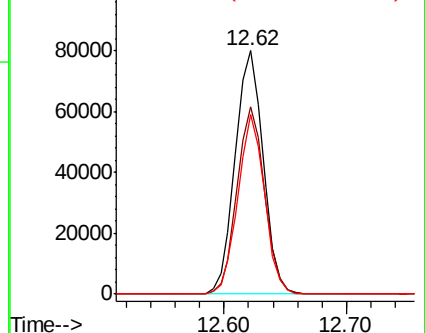
176 70.1 0.0 137.8

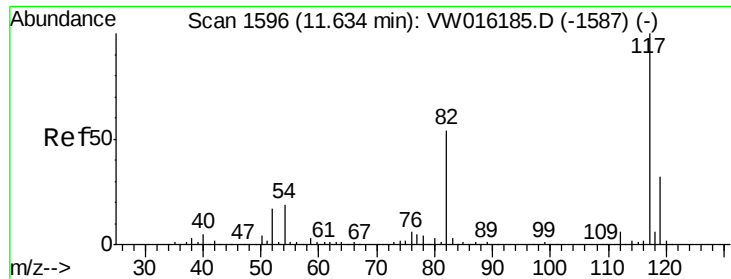


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

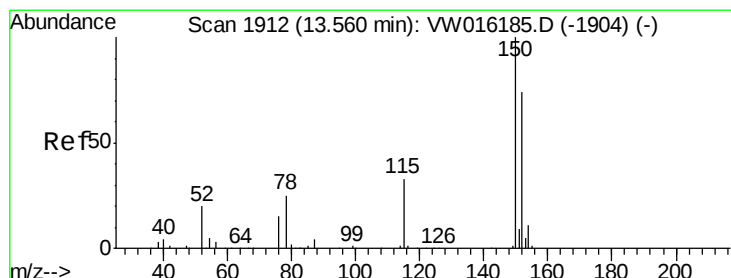
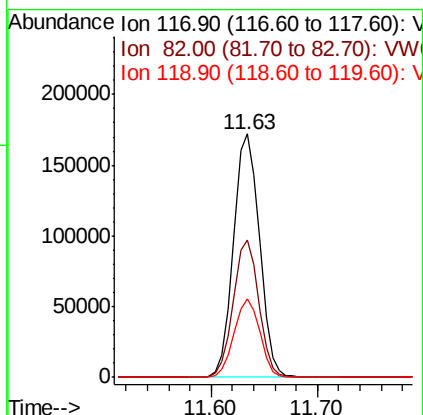
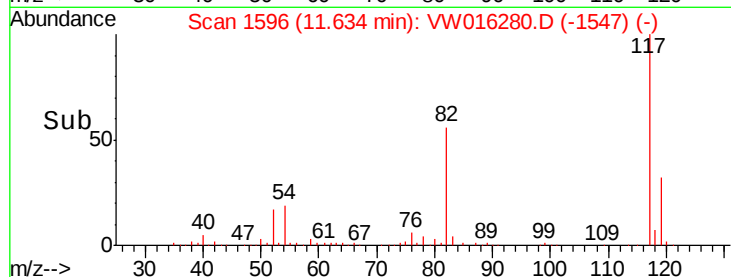
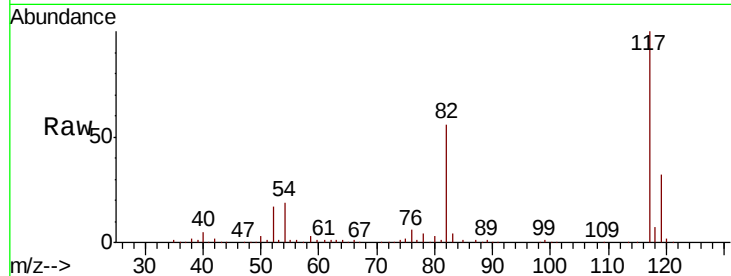




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016280.D
Acq: 20 Aug 2020 23:54

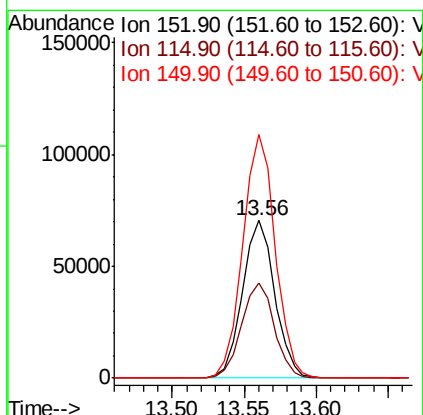
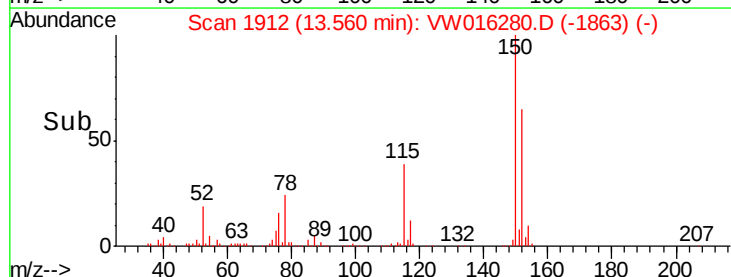
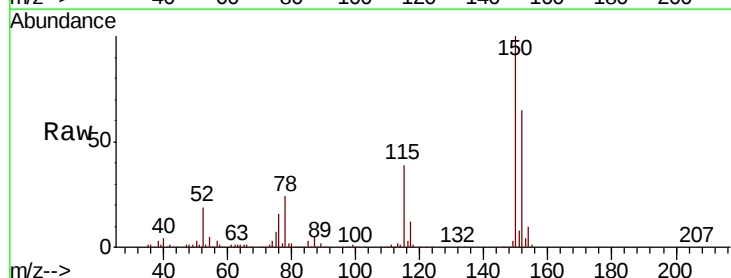
Instrument :
MSVOA_W
ClientSampleId :
VB-27207RE

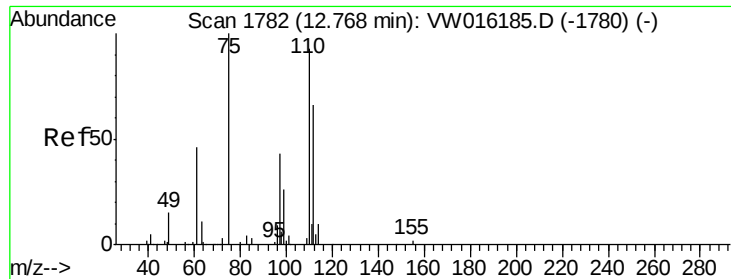
Tot Ion:117 Resp: 296511
Ion Ratio Lower Upper
117 100
82 56.2 43.6 65.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016280.D
Acq: 20 Aug 2020 23:54

Tgt Ion:152 Resp: 109005
Ion Ratio Lower Upper
152 100
115 61.5 30.9 92.5
150 155.3 0.0 337.8





#76

1,2,3-Trichloropropane

Concen: 59.853 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016280.D

Acq: 20 Aug 2020 23:54

Instrument :

MSVOA_W

ClientSampled :

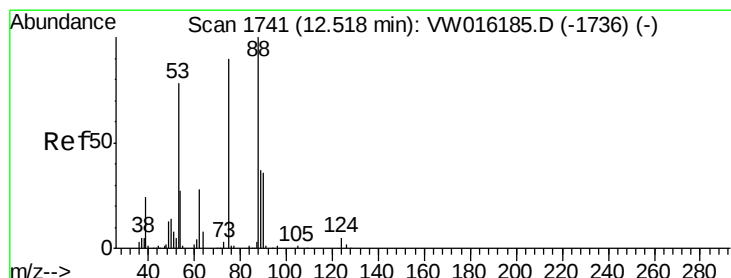
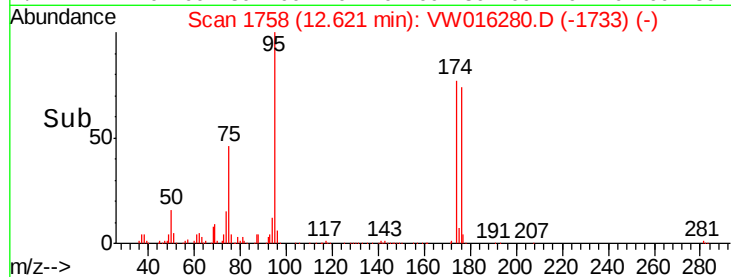
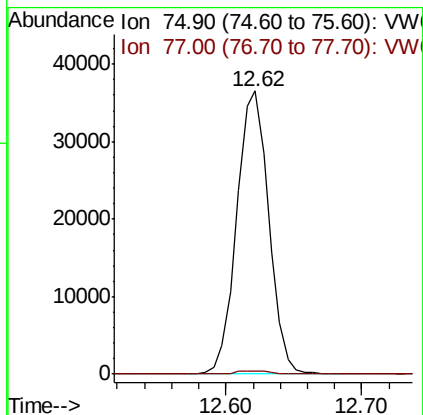
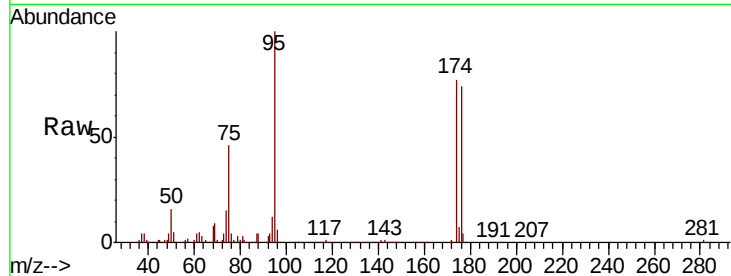
VB-27207RE

Tot Ion: 75 Resp: 60002

Ion Ratio Lower Upper

75 100

77 1.2 173.6 520.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 143.566 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016280.D

Acq: 20 Aug 2020 23:54

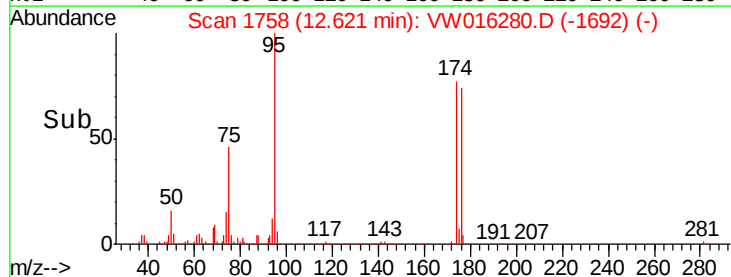
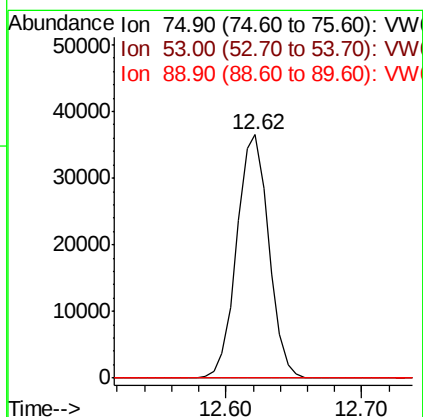
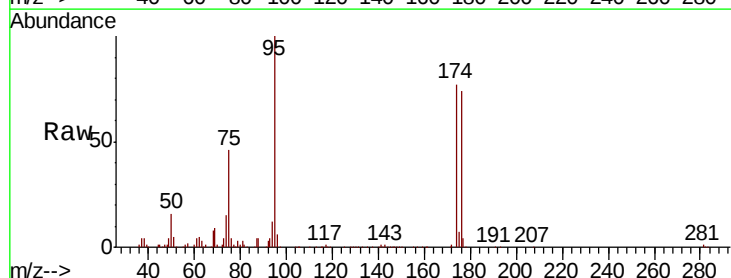
Tgt Ion: 75 Resp: 60002

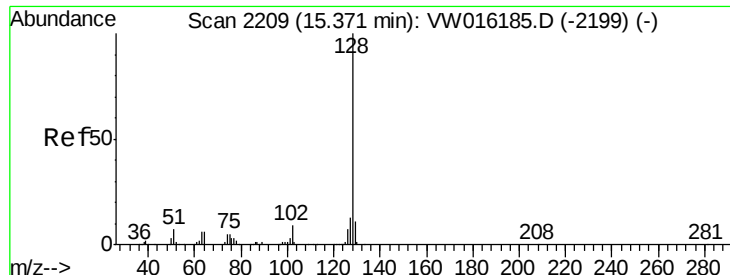
Ion Ratio Lower Upper

75 100

53 0.0 74.6 111.8#

89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 3.895 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW016280.D

Acq: 20 Aug 2020 23:54

Instrument :

MSVOA_W

ClientSampleId :

VB-27207RE

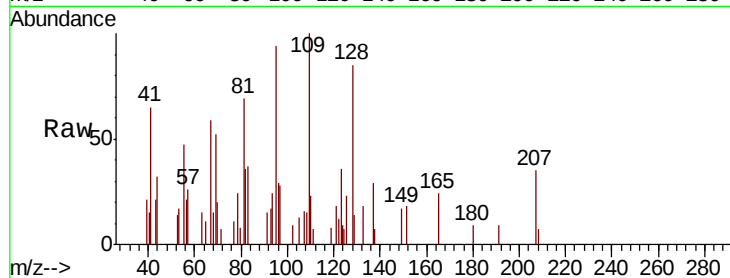
Tot Ion:128 Resp: 1371

Ion Ratio Lower Upper

128 100

127 5.5 10.2 15.4#

129 9.0 8.7 13.1



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

