

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031120\
 Data File : VD065478.D
 Acq On : 11 Mar 2020 13:34
 Operator : VA/SY
 Sample : L1864-04RE
 Misc : 7.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2RE

Quant Time: Mar 11 16:41:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

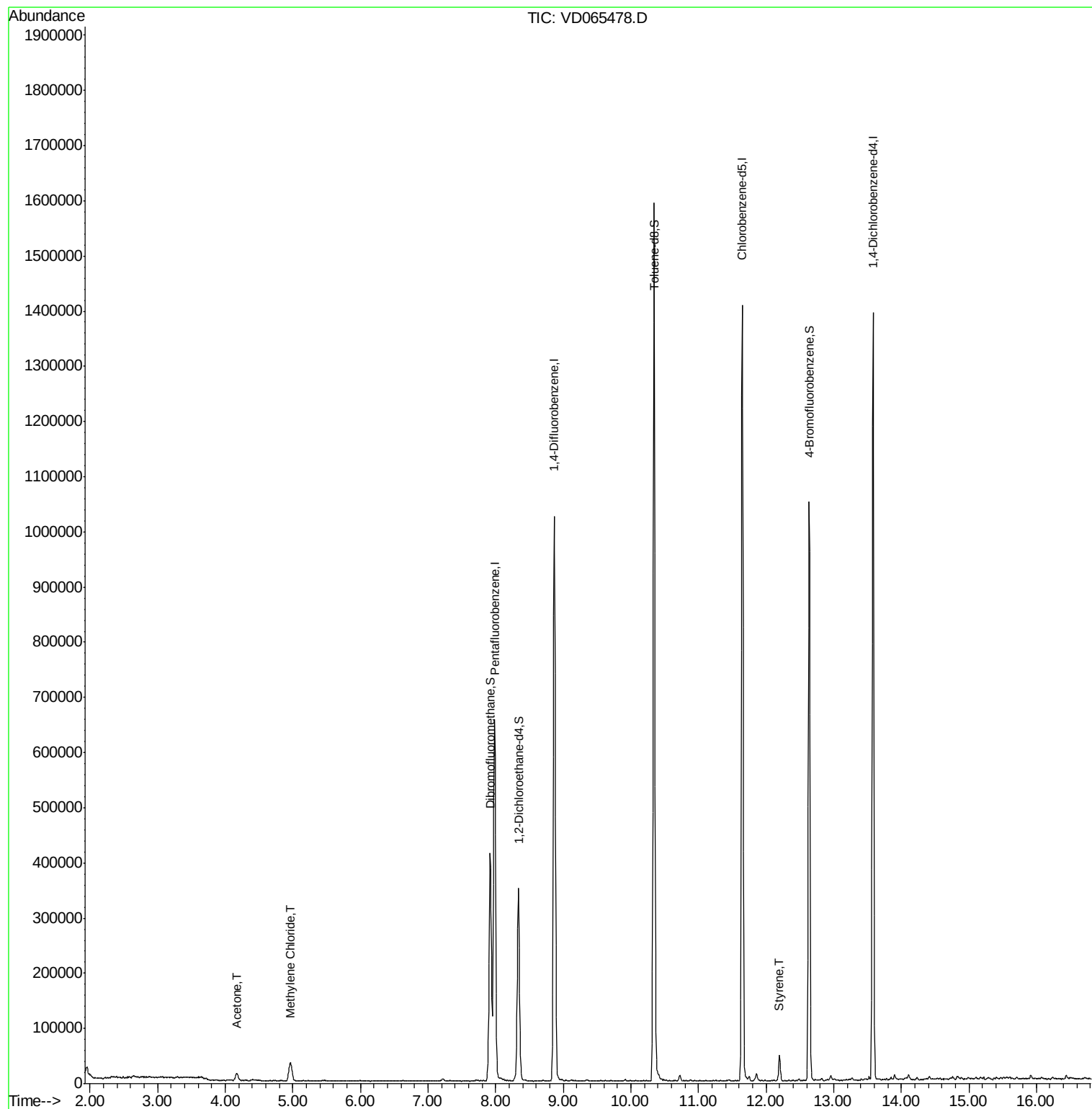
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	519194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	889969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	831071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	381768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	274703	61.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.36%	
35) Dibromofluoromethane	7.92	113	291881	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
50) Toluene-d8	10.34	98	1077329	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.64	95	336636	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
Target Compounds						
16) Acetone	4.17	43	24399	27.089	ug/l	95
20) Methylene Chloride	4.96	84	27312	2.286	ug/l	96
70) Styrene	12.20	104	22711	1.339	ug/l	92

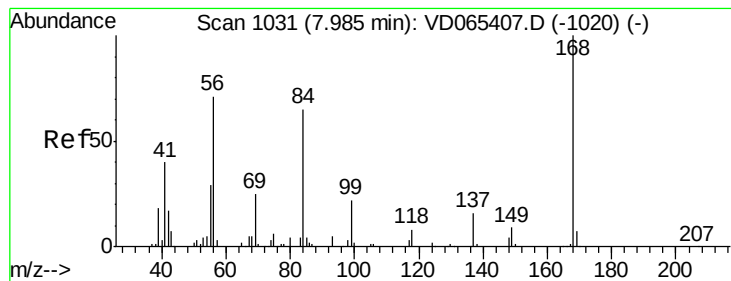
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065478.D

Acq: 11 Mar 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

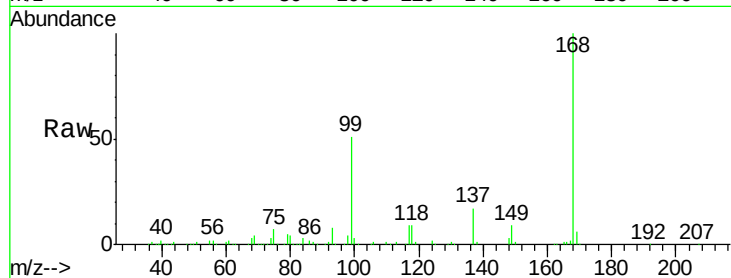
SP-2RE

Tot Ion:168 Resp: 519194

Ion Ratio Lower Upper

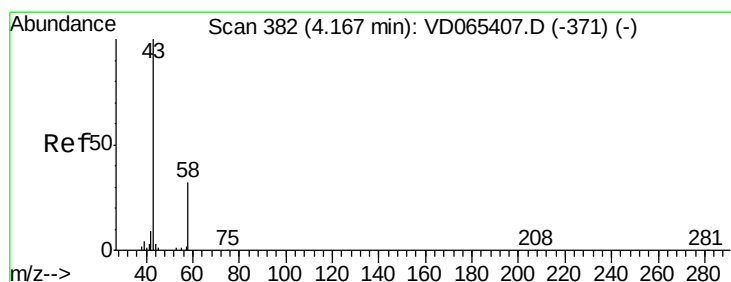
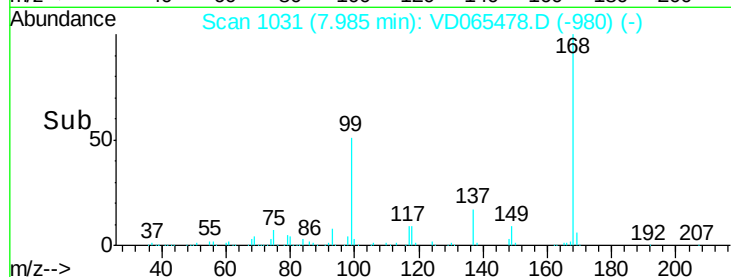
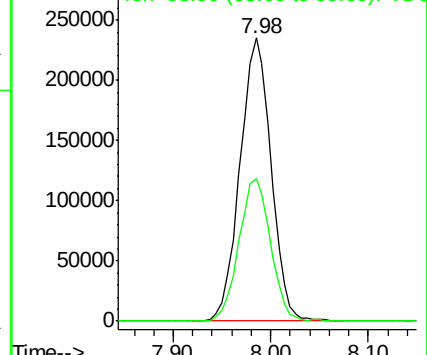
168 100

99 50.6 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 27.089 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065478.D

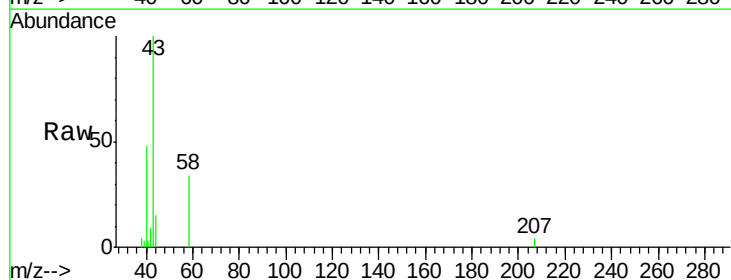
Acq: 11 Mar 2020 13:34

Tgt Ion: 43 Resp: 24399

Ion Ratio Lower Upper

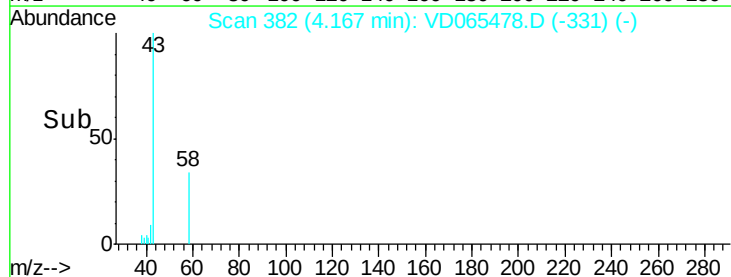
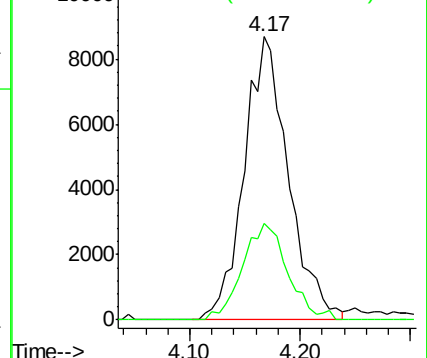
43 100

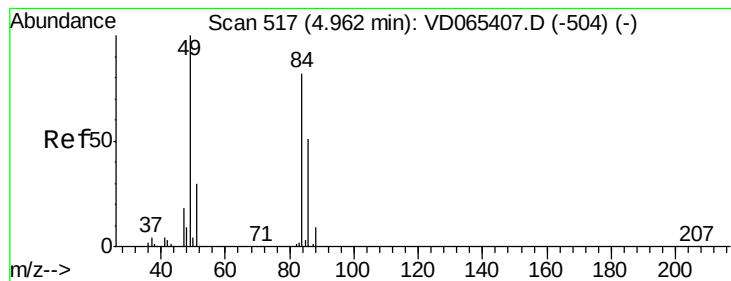
58 34.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: 2.286 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD065478.D

Acq: 11 Mar 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

SP-2RE

Tot Ion: 84 Resp: 27312

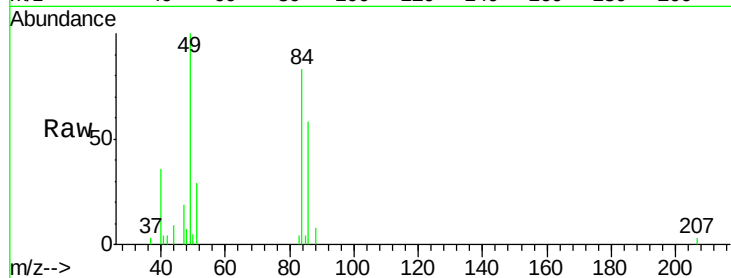
Ion Ratio Lower Upper

84 100

49 120.2 97.7 146.5

51 35.5 28.8 43.2

86 69.5 49.5 74.3



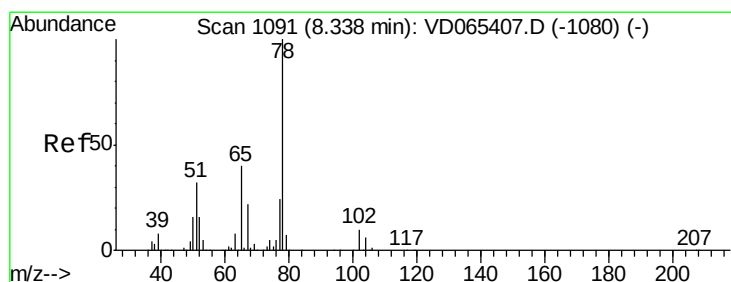
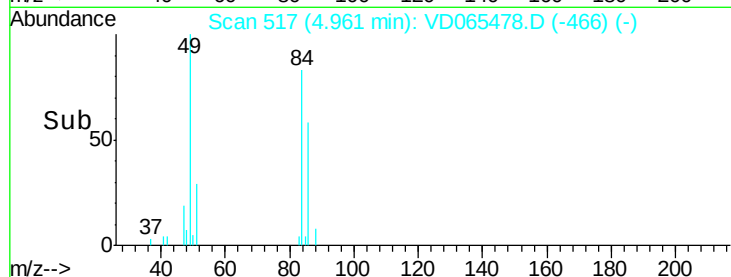
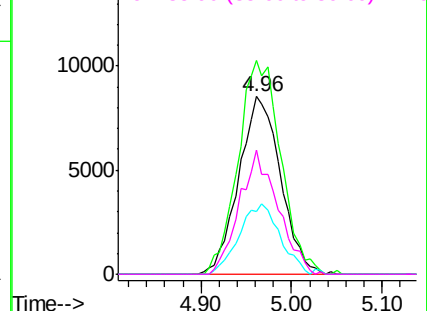
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 61.680 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065478.D

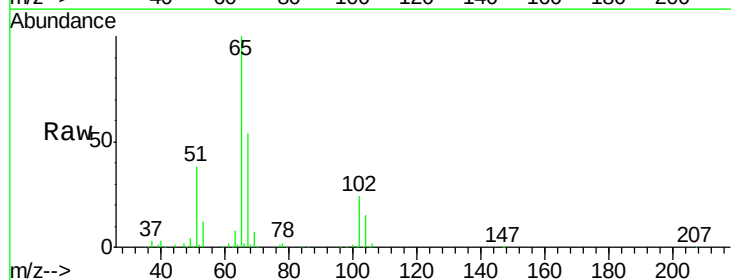
Acq: 11 Mar 2020 13:34

Tgt Ion: 65 Resp: 274703

Ion Ratio Lower Upper

65 100

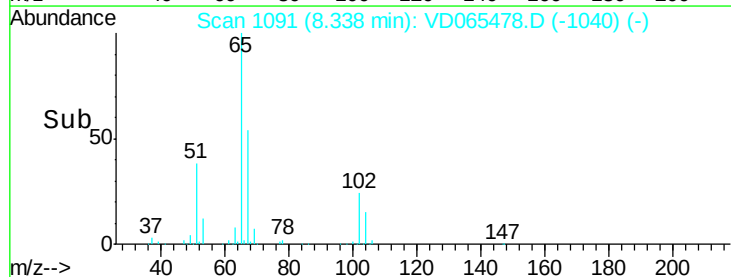
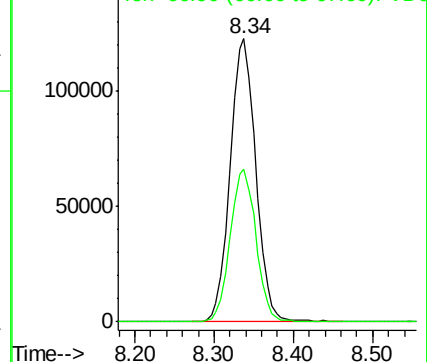
67 54.1 0.0 108.0

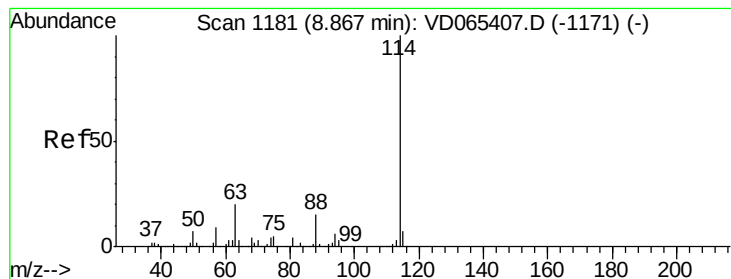


Abundance

Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065478.D

Acq: 11 Mar 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

SP-2RE

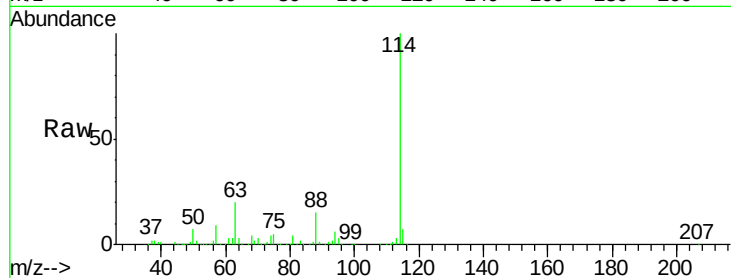
Tot Ion:114 Resp: 889969

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

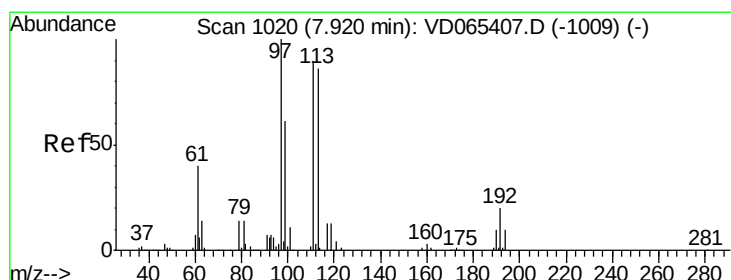
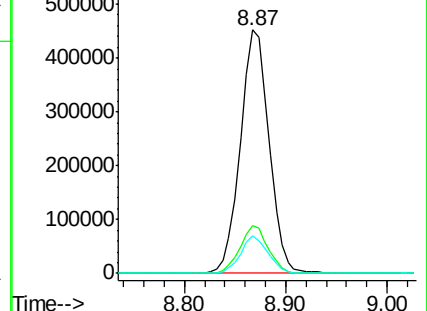
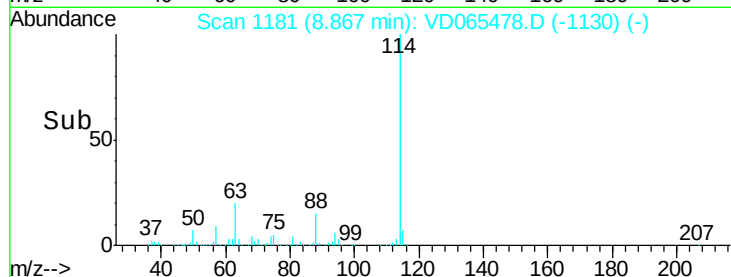
88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 53.034 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065478.D

Acq: 11 Mar 2020 13:34

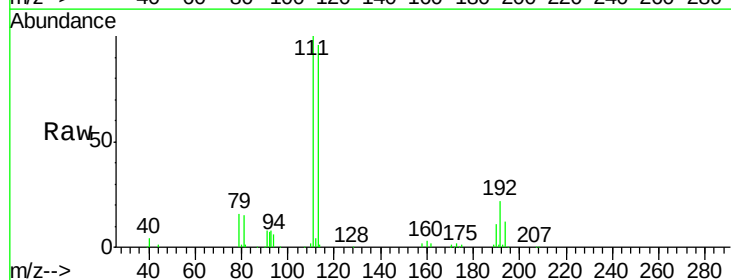
Tgt Ion:113 Resp: 291881

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

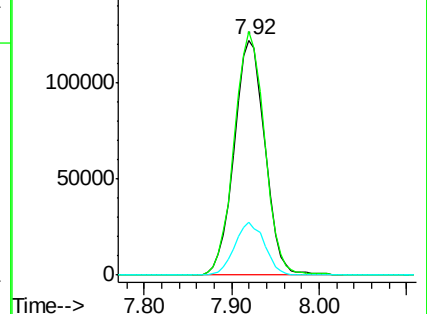
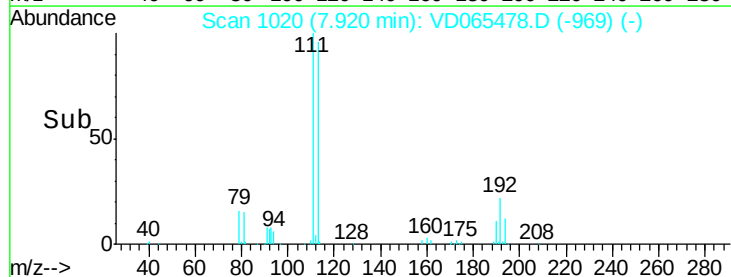
192 21.8 17.2 25.8

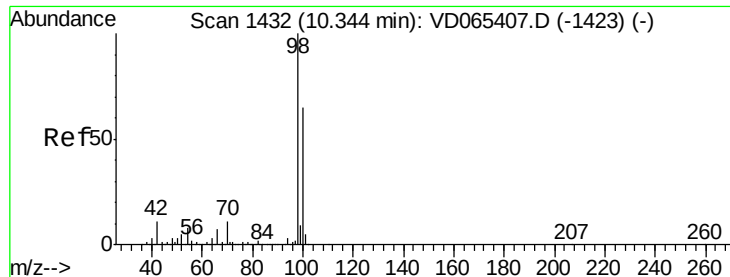


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

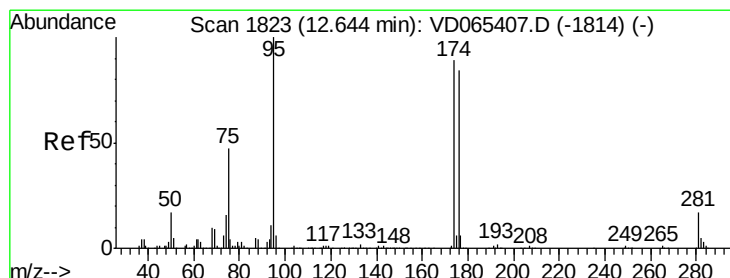
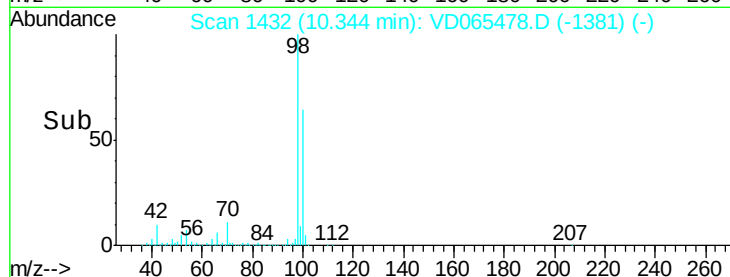
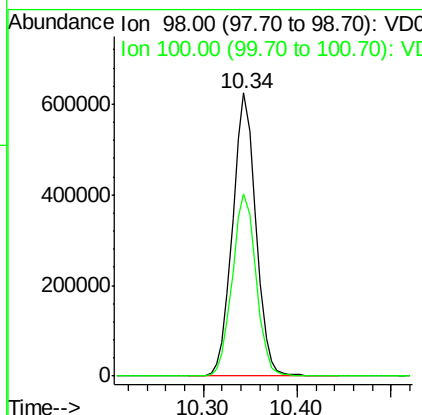
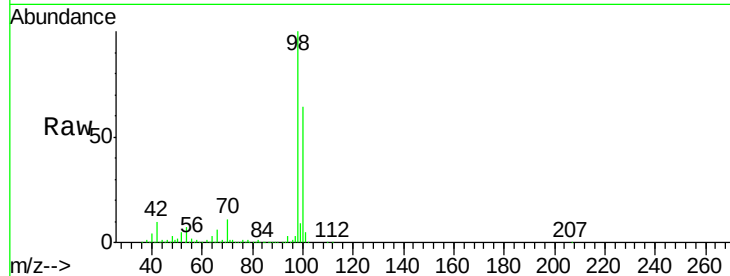




#50
Toluene-d8
Concen: 51.024 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065478.D
Acq: 11 Mar 2020 13:34

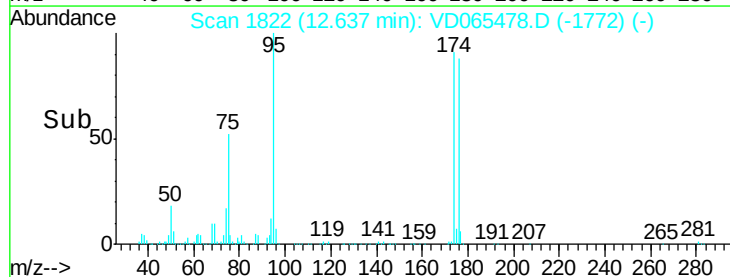
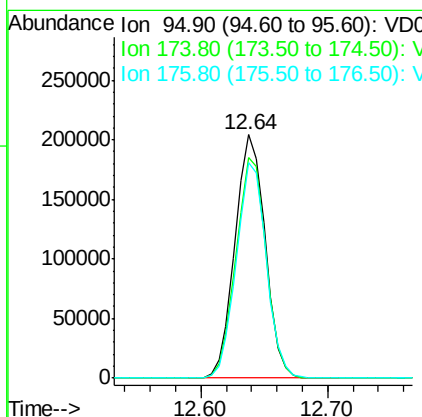
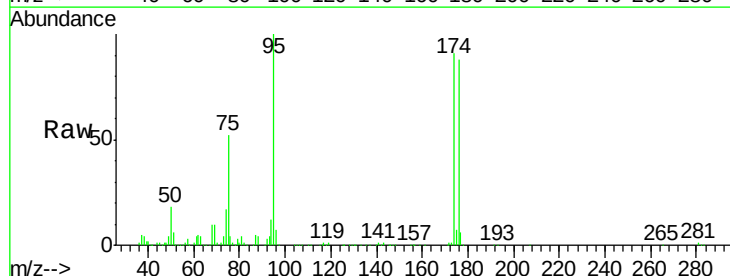
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

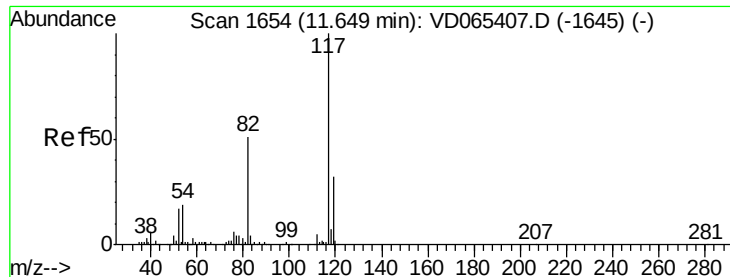
Tot Ion: 98 Resp: 1077329
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.647 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065478.D
Acq: 11 Mar 2020 13:34

Tgt Ion: 95 Resp: 336636
Ion Ratio Lower Upper
95 100
174 90.8 0.0 176.8
176 87.8 0.0 171.4

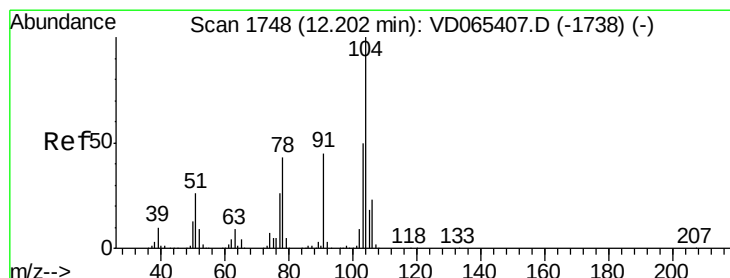
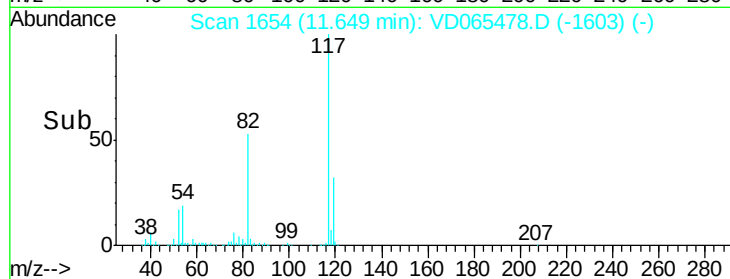
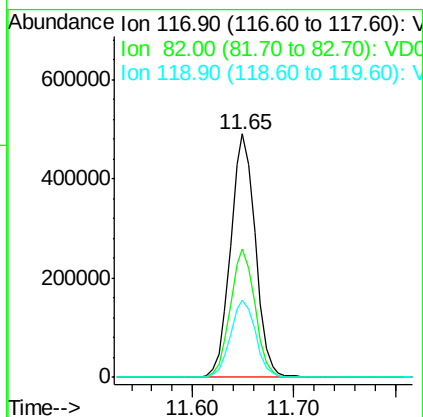
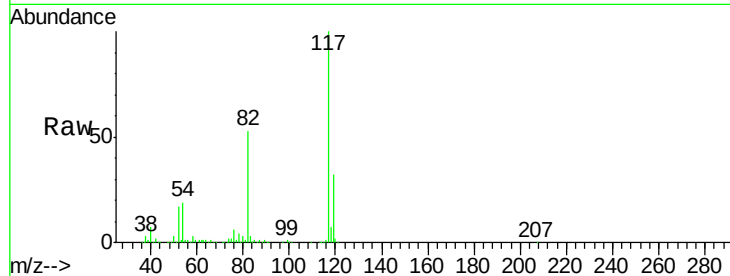




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065478.D
Acq: 11 Mar 2020 13:34

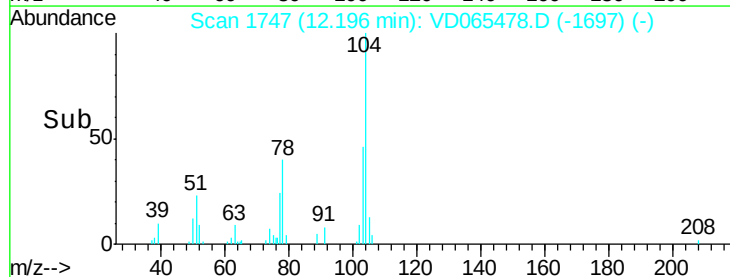
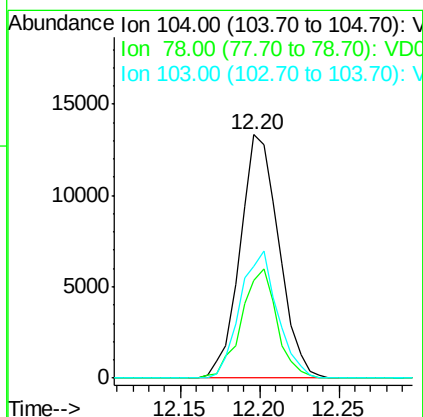
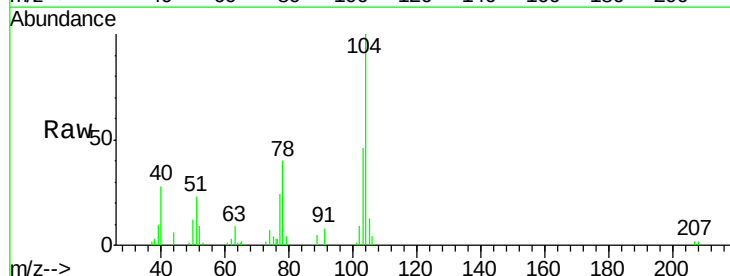
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

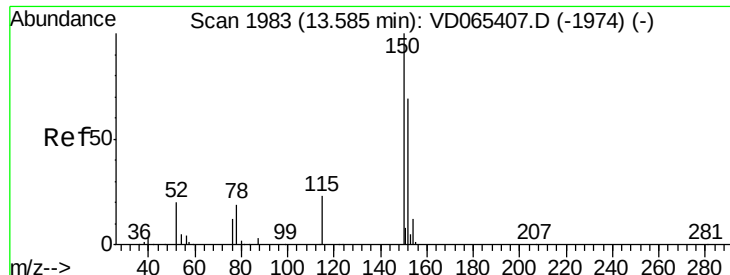
Tot Ion:117 Resp: 831071
Ion Ratio Lower Upper
117 100
82 53.0 40.6 60.8
119 31.9 25.4 38.2



#70
Styrene
Concen: 1.339 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD065478.D
Acq: 11 Mar 2020 13:34

Tgt Ion:104 Resp: 22711
Ion Ratio Lower Upper
104 100
78 40.9 37.7 56.5
103 50.1 43.6 65.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065478.D

Acq: 11 Mar 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

SP-2RE

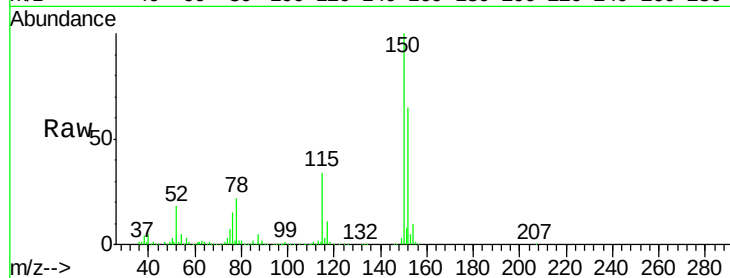
Tot Ion:152 Resp: 381768

Ion Ratio Lower Upper

152 100

115 55.1 27.6 82.8

150 156.2 0.0 345.0



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

