

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067559.D
 Acq On : 09 Nov 2020 12:12
 Operator : VA/SY
 Sample : L4658-01
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:19:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

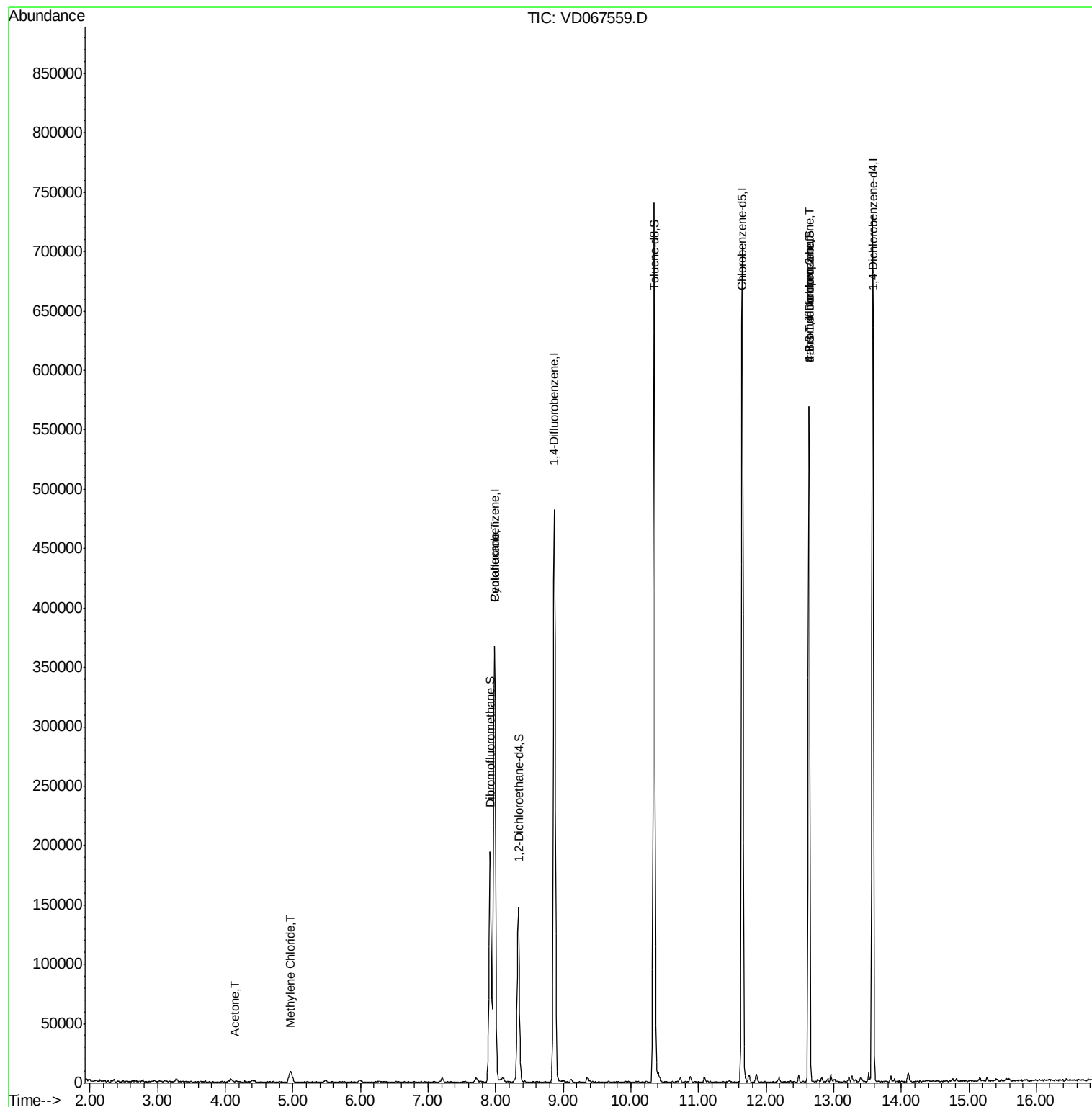
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	279661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	435839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	430313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	202921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	127710	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	7.92	113	136798	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
50) Toluene-d8	10.34	98	504728	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
62) 4-Bromofluorobenzene	12.64	95	180053	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1176	Below Cal		81
16) Acetone	4.14	43	419	1.145 ug/l #		75
20) Methylene Chloride	4.96	84	4906	1.898 ug/l #		81
31) Cyclohexane	7.98	56	6042	1.704 ug/l #		41
76) 1,2,3-Trichloropropane	12.64	75	96887	79.147 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.64	75	96887	160.690 ug/l #		10

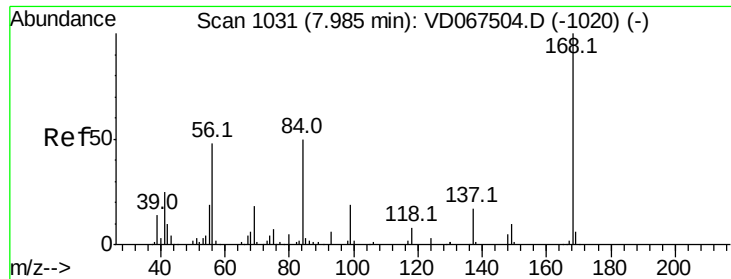
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067559.D

Acq: 09 Nov 2020 12:12

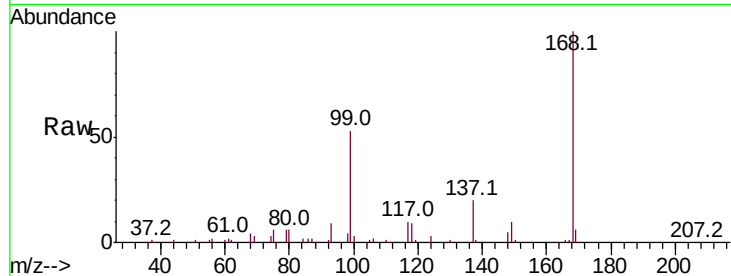
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 279661

Ion Ratio Lower Upper

168 100

99 52.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

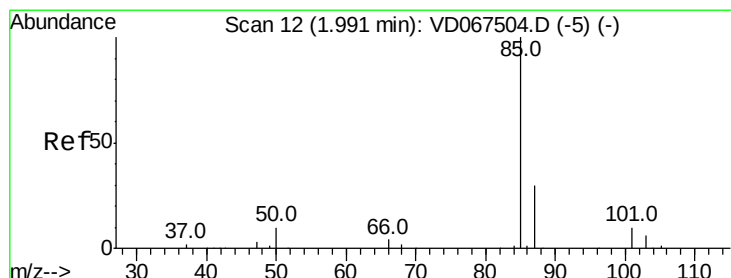
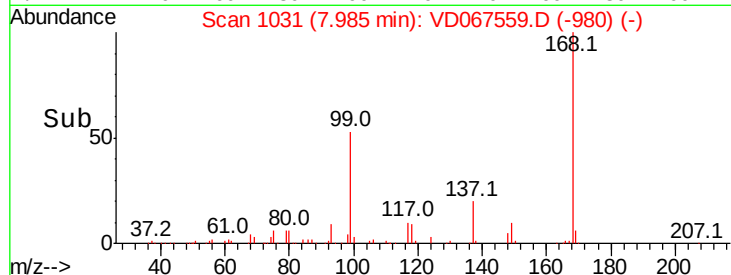
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD067559.D

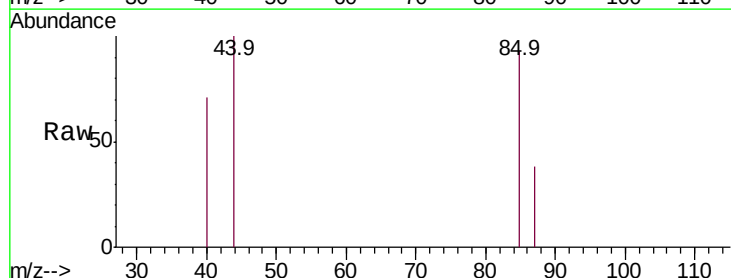
Acq: 09 Nov 2020 12:12

Tgt Ion: 85 Resp: 1176

Ion Ratio Lower Upper

85 100

87 40.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

1000

800

600

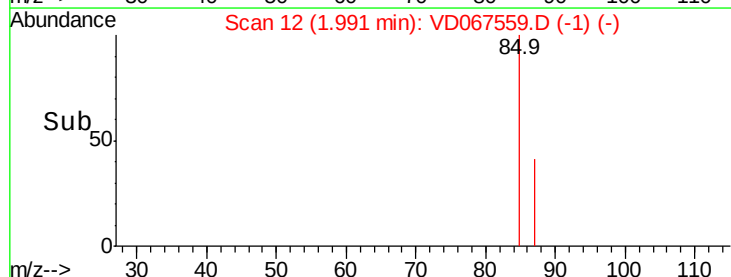
400

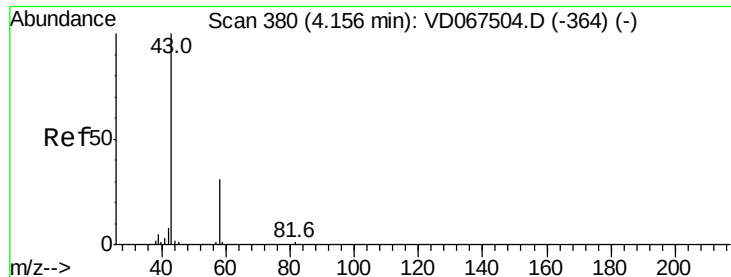
200

0

Time-->

1.96 1.98 2.00 2.02





#16

Acetone

Concen: 1.145 ug/l

RT: 4.14 min Scan# 378

Delta R.T. -0.01 min

Lab File: VD067559.D

Acq: 09 Nov 2020 12:12

Instrument :

MSVOA_D

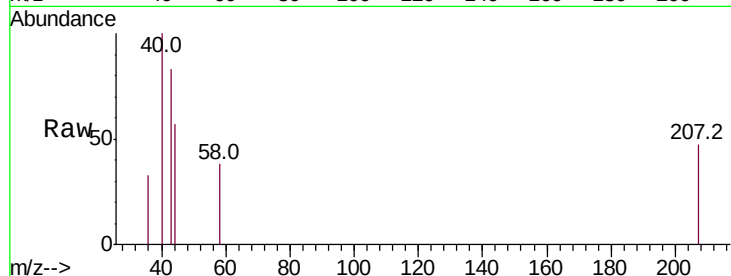
ClientSampleId :

Tot Ion: 43 Resp: 419

Ion Ratio Lower Upper

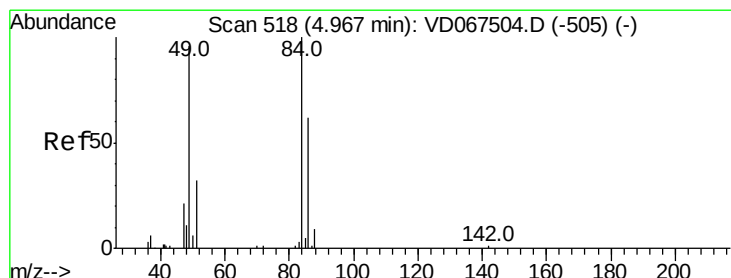
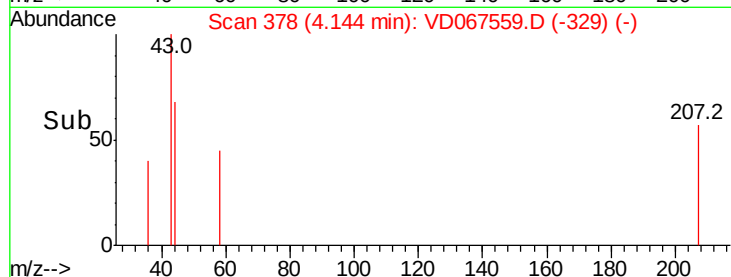
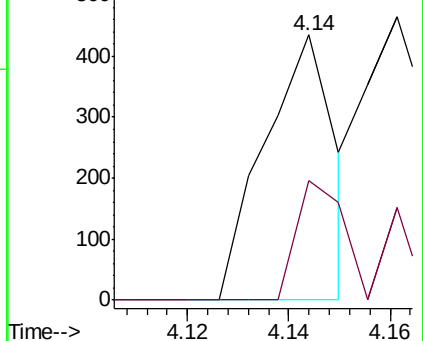
43 100

58 45.3 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 1.898 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD067559.D

Acq: 09 Nov 2020 12:12

Tgt Ion: 84 Resp: 4906

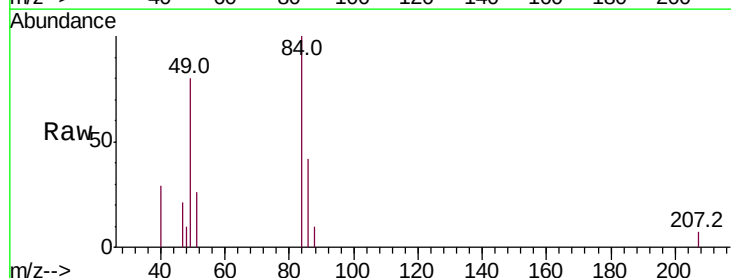
Ion Ratio Lower Upper

84 100

49 80.0 77.0 115.4

51 25.6 25.4 38.2

86 41.8 49.4 74.0#

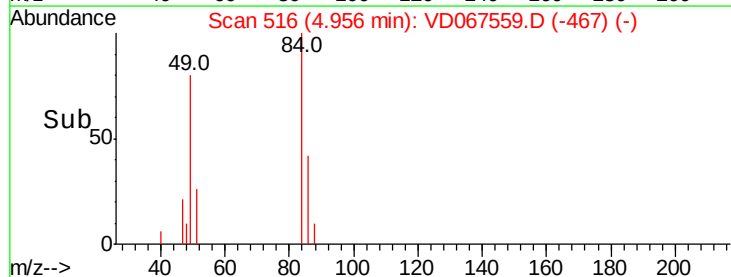
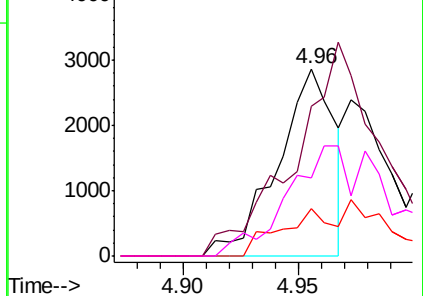


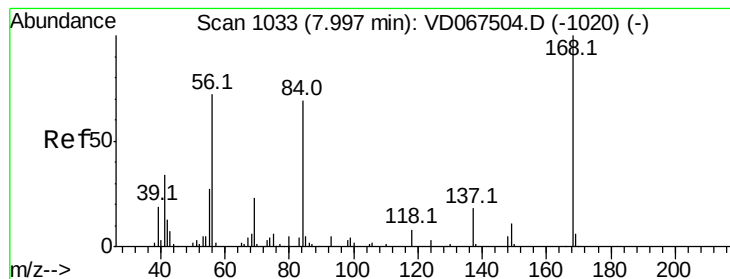
Abundance Ion 83.90 (83.60 to 84.60): VDC

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





#31

Cyclohexane

Concen: 1.704 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VD067559.D

Acq: 09 Nov 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

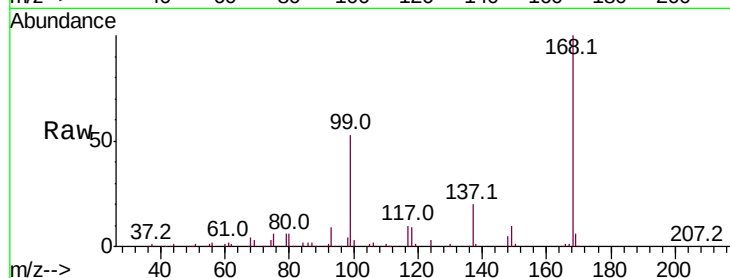
Tot Ion: 56 Resp: 6042

Ion Ratio Lower Upper

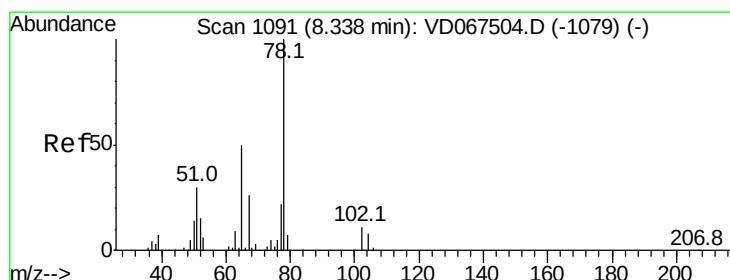
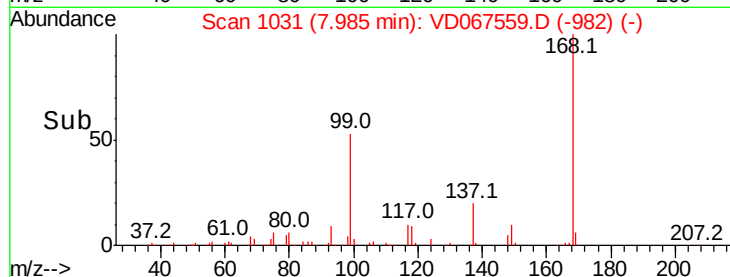
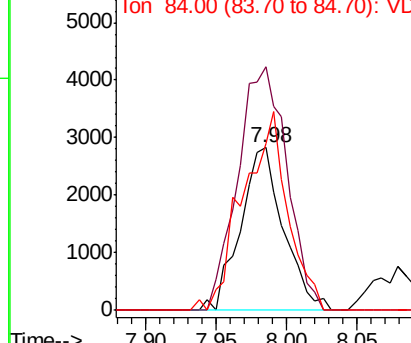
56 100

69 150.0 25.9 38.9#

84 103.0 76.2 114.4



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



#33

1,2-Dichloroethane-d4

Concen: 52.226 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067559.D

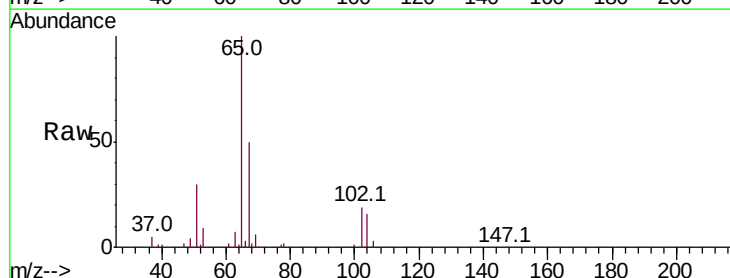
Acq: 09 Nov 2020 12:12

Tgt Ion: 65 Resp: 127710

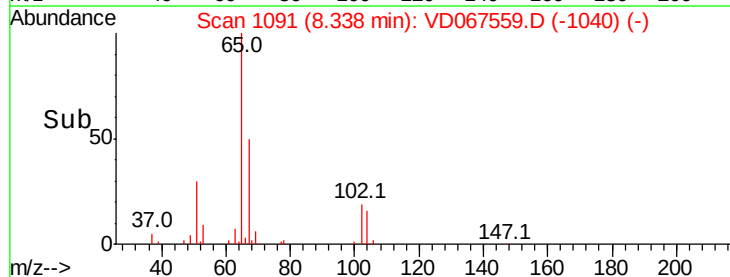
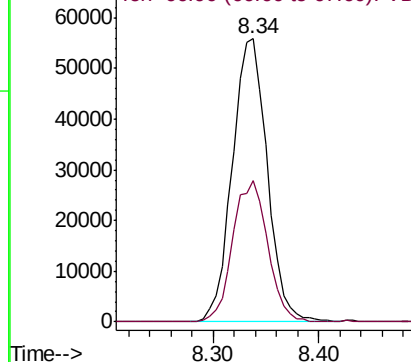
Ion Ratio Lower Upper

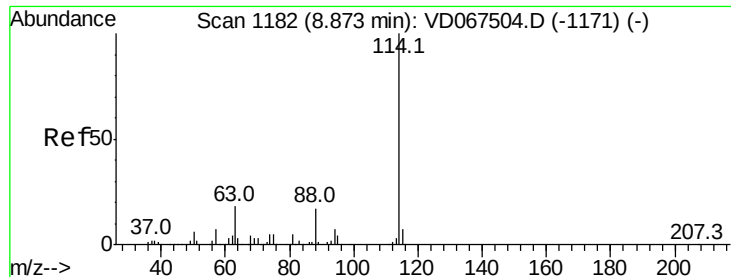
65 100

67 49.8 0.0 99.4



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

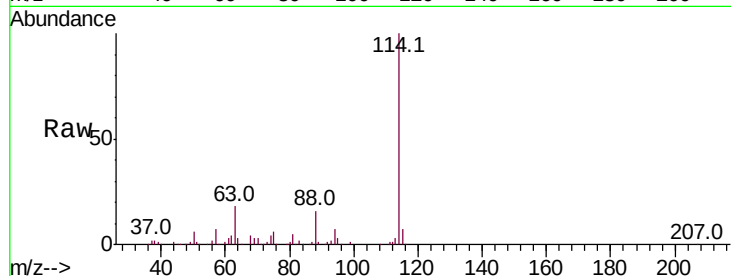




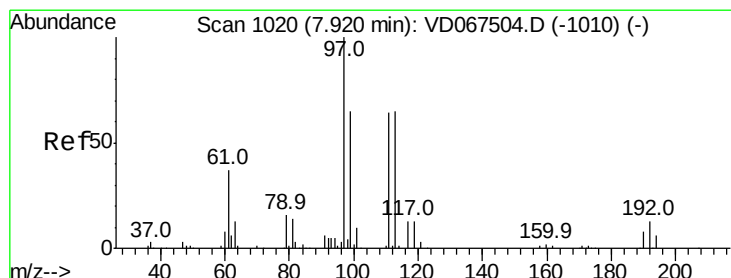
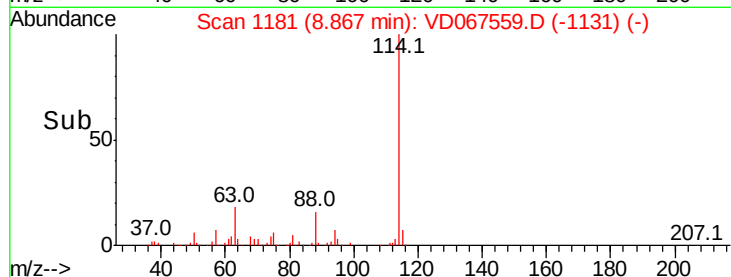
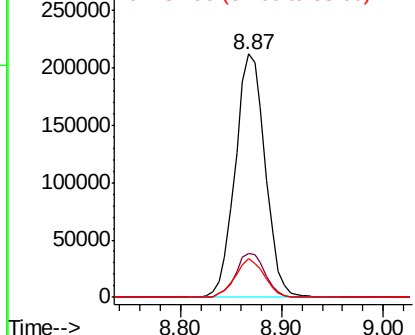
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067559.D
Acq: 09 Nov 2020 12:12

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:114 Resp: 435839
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 15.9 0.0 33.0

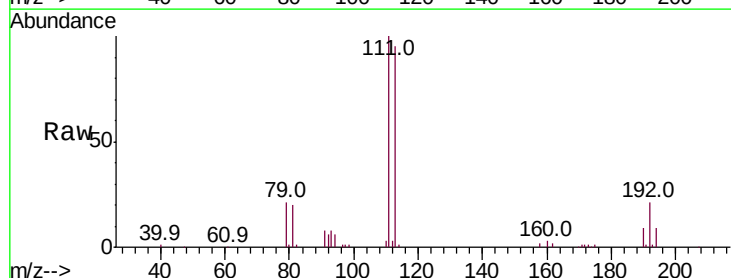


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

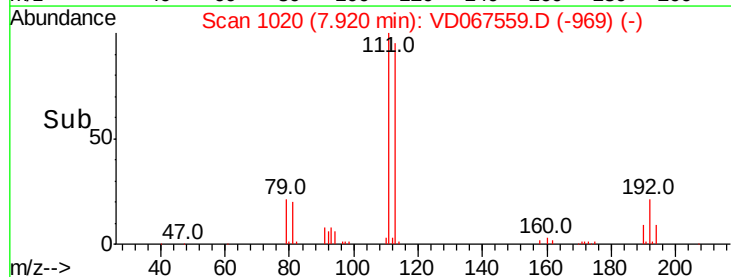
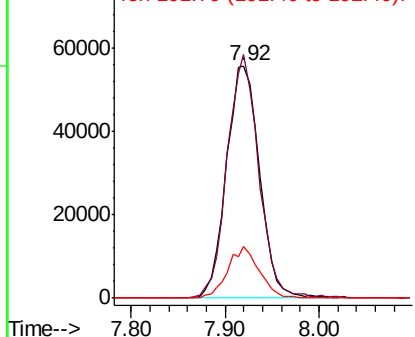


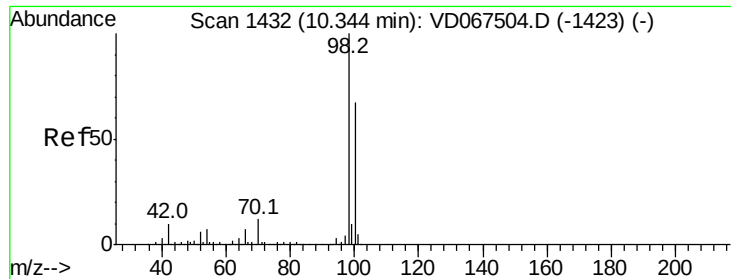
#35
Dibromofluoromethane
Concen: 52.095 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067559.D
Acq: 09 Nov 2020 12:12

Tgt Ion:113 Resp: 136798
Ion Ratio Lower Upper
113 100
111 99.4 80.0 120.0
192 20.9 16.3 24.5



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

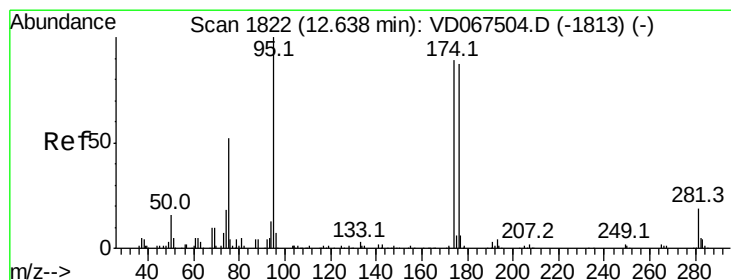
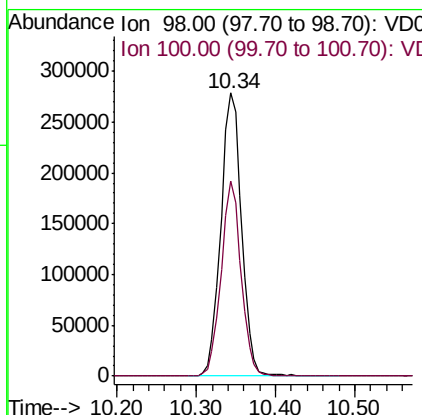
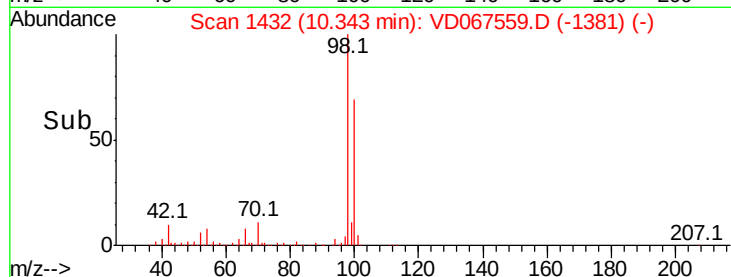
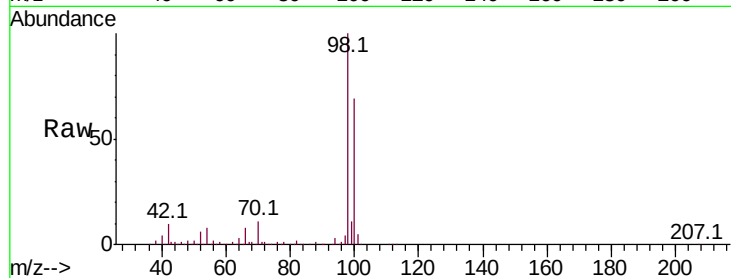




#50
Toluene-d8
Concen: 54.695 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067559.D
Acq: 09 Nov 2020 12:12

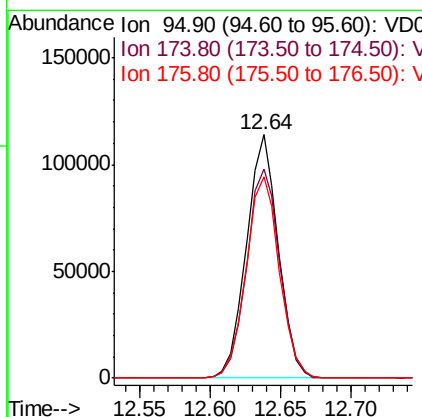
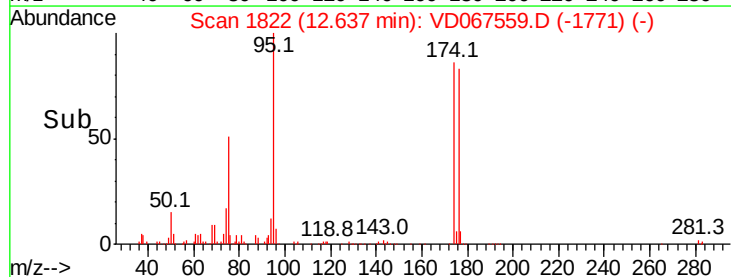
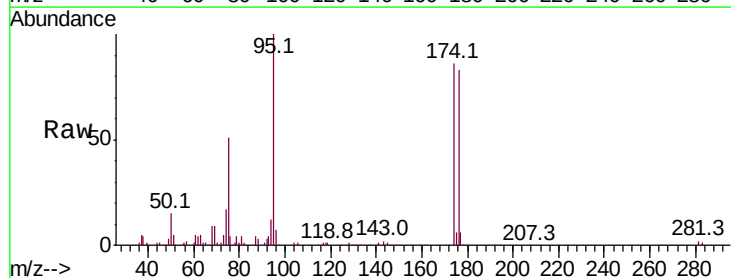
Instrument :
MSVOA_D
ClientSampleId :

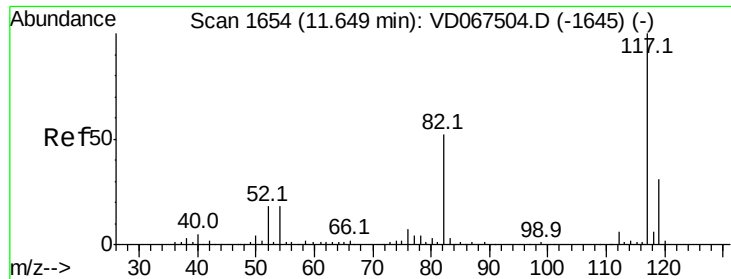
Tot Ion: 98 Resp: 504728
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 56.514 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067559.D
Acq: 09 Nov 2020 12:12

Tgt Ion: 95 Resp: 180053
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.8
176 86.7 0.0 172.0

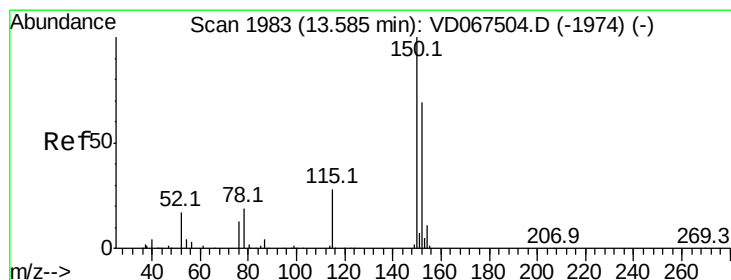
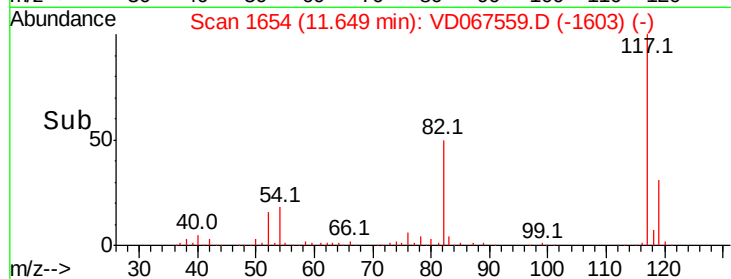
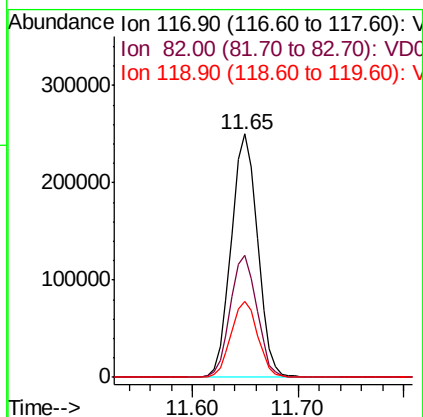
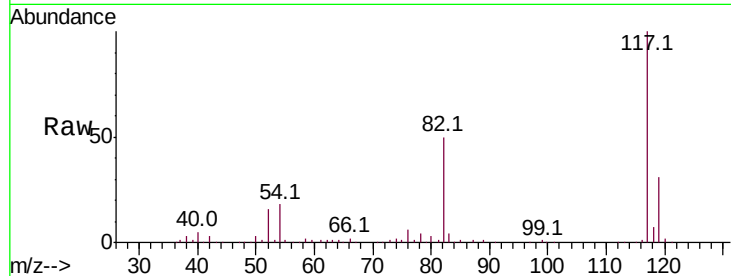




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067559.D
Acq: 09 Nov 2020 12:12

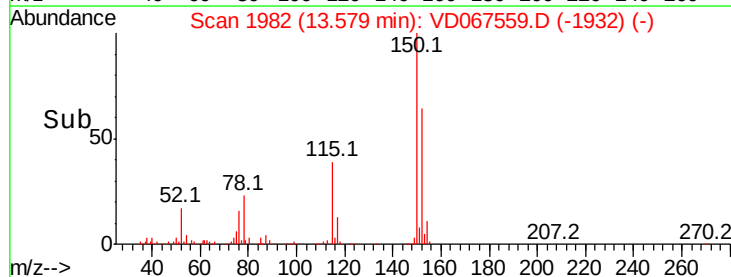
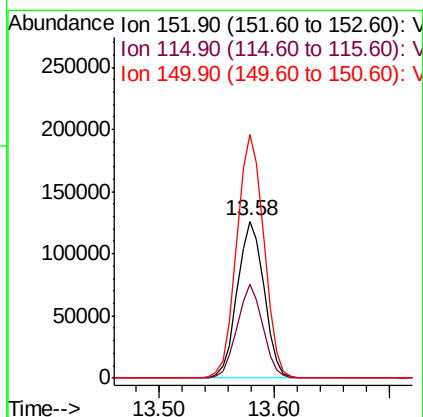
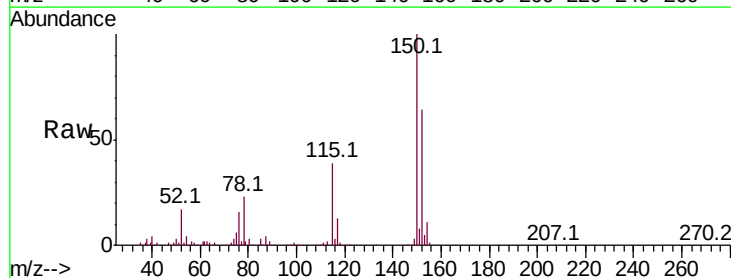
Instrument :
MSVOA_D
ClientSampleId :

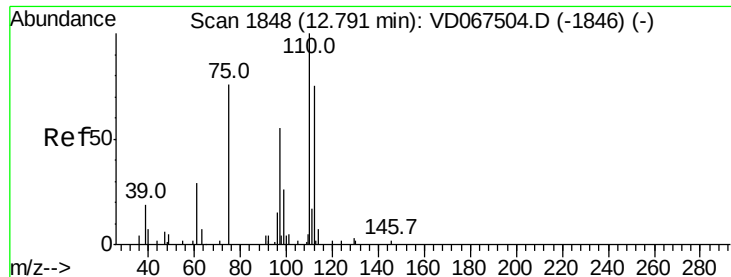
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.6	62.4
119	31.2	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067559.D
Acq: 09 Nov 2020 12:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	29.3	88.0
150	156.8	0.0	338.2





#76

1,2,3-Trichloropropane

Concen: 79.147 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067559.D

Acq: 09 Nov 2020 12:12

Instrument :

MSVOA_D

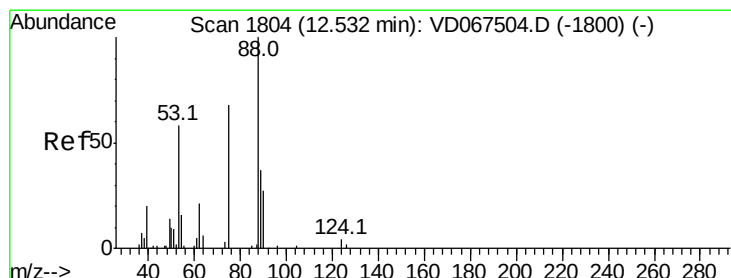
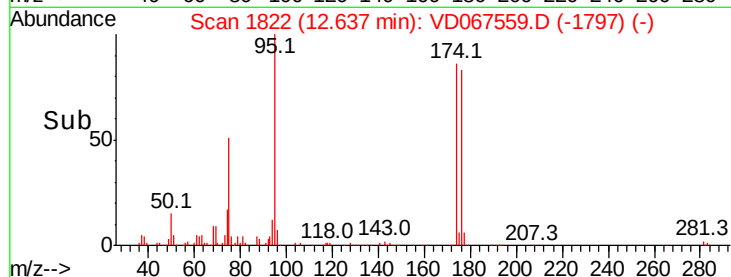
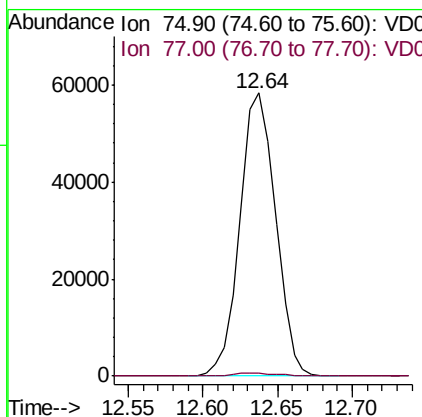
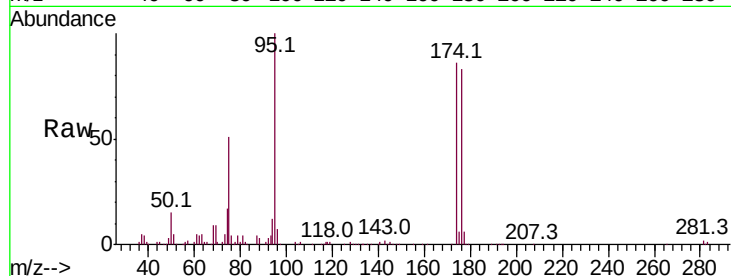
ClientSampleId :

Tot Ion: 75 Resp: 96887

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 160.690 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067559.D

Acq: 09 Nov 2020 12:12

Tgt Ion: 75 Resp: 96887

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

