

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067687.D
 Acq On : 18 Nov 2020 15:52
 Operator : VA/SY
 Sample : L4771-04
 Misc : 5.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-01-2-3

Quant Time: Nov 19 00:27:44 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

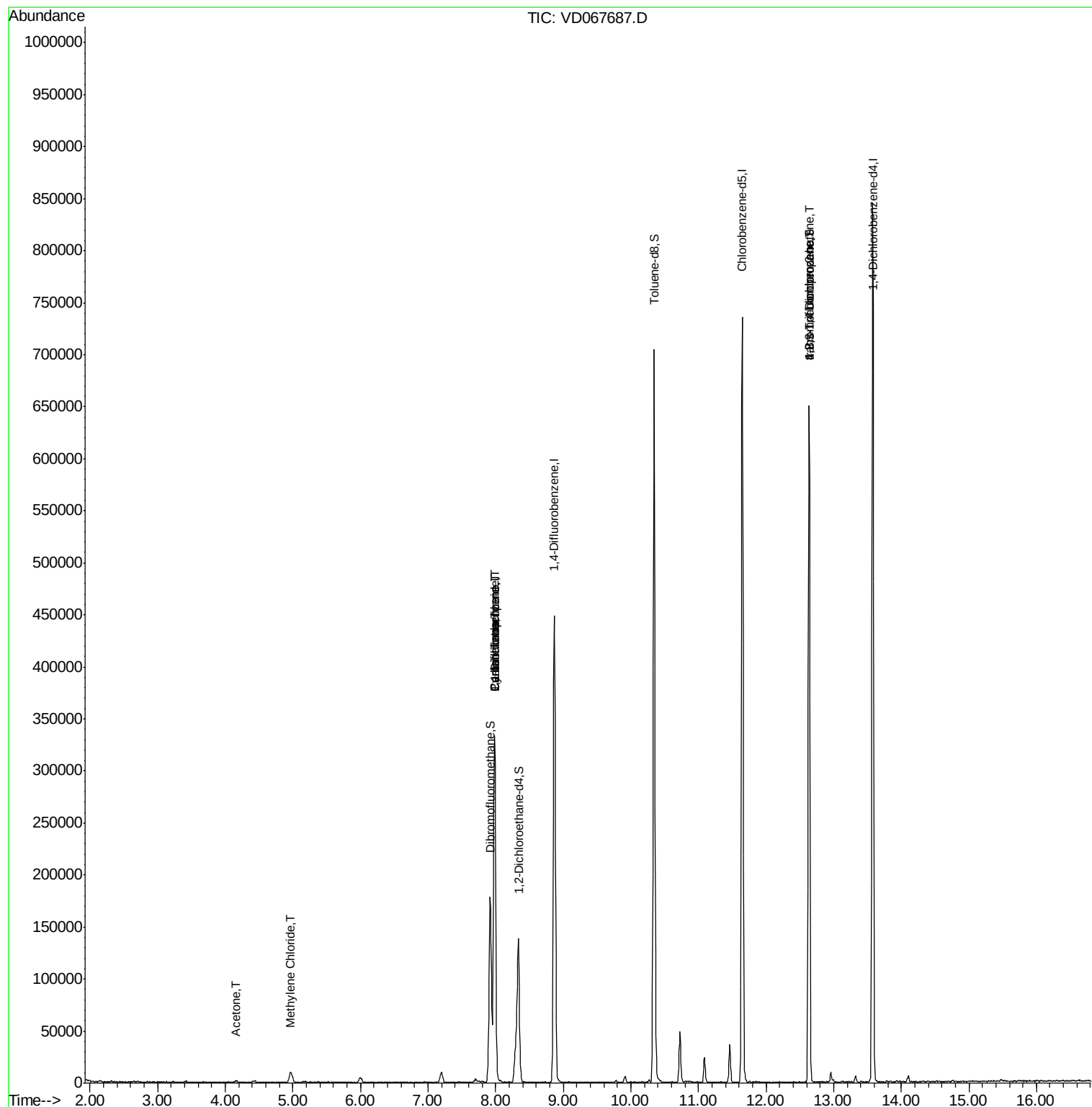
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	264964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	408686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	443878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	228310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	118281	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	7.92	113	126070	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
50) Toluene-d8	10.34	98	482575	55.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.54%	
62) 4-Bromofluorobenzene	12.64	95	196773	65.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.74%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	318	Below Cal	#	44
11) Tert butyl alcohol	5.22	59	148	Below Cal	#	79
16) Acetone	4.16	43	2604	7.511	ug/l #	73
20) Methylene Chloride	4.97	84	8539	3.487	ug/l	92
31) Cyclohexane	7.98	56	4774	1.421	ug/l #	20
36) 1,1-Dichloropropene	7.98	75	18341	5.243	ug/l #	50
38) Carbon Tetrachloride	7.98	117	25949	5.709	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	104499	75.873	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	104499	154.041	ug/l #	10

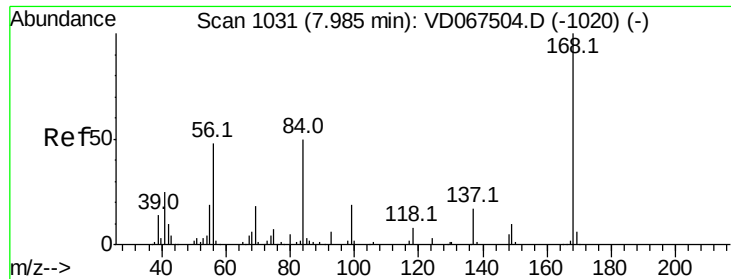
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 19 00:27:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067687.D

Acq: 18 Nov 2020 15:52

Instrument :

MSVOA_D

ClientSampleId :

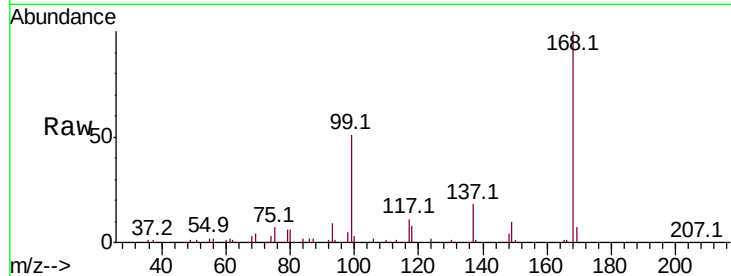
CD-BH-01-2-3

Tot Ion:168 Resp: 264964

Ion Ratio Lower Upper

168 100

99 50.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

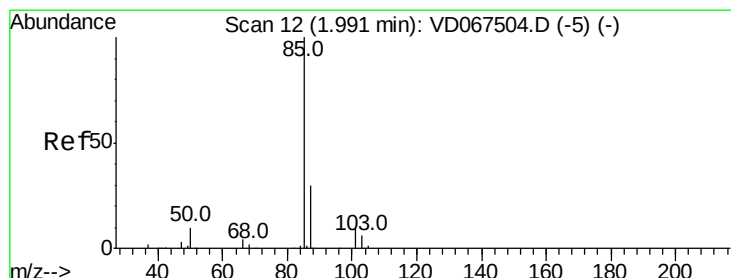
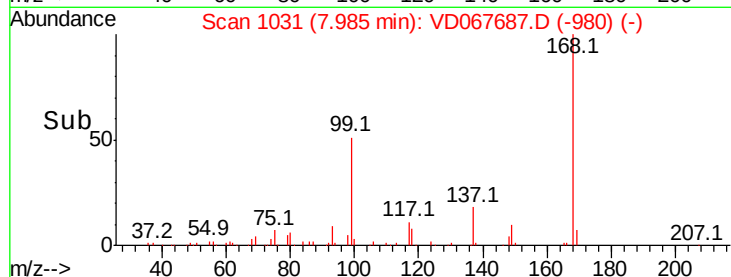
7.98

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067687.D

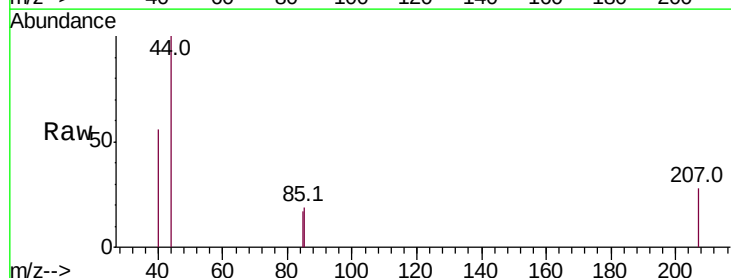
Acq: 18 Nov 2020 15:52

Tgt Ion: 85 Resp: 318

Ion Ratio Lower Upper

85 100

87 0.0 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

400

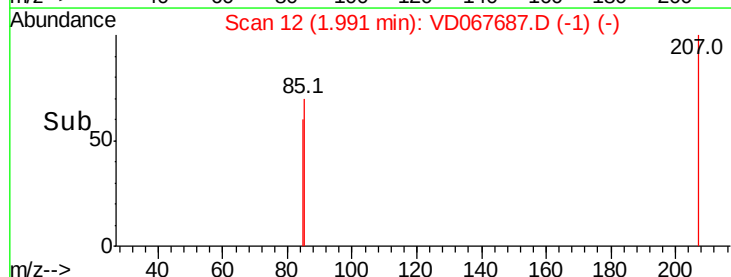
300

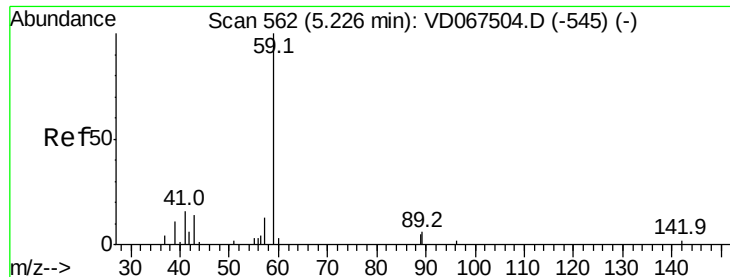
200

100

0

Time-->

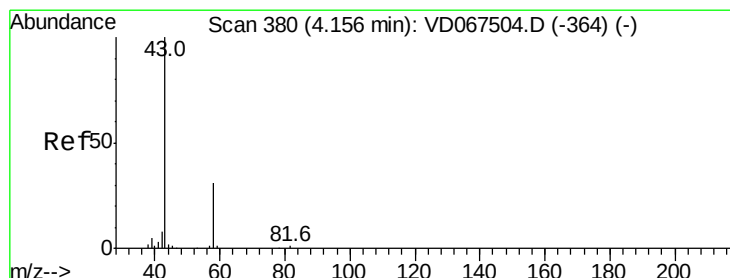
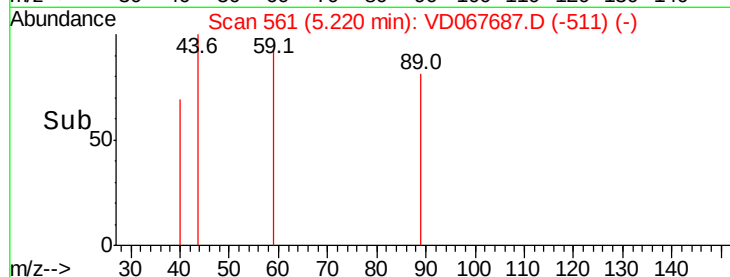
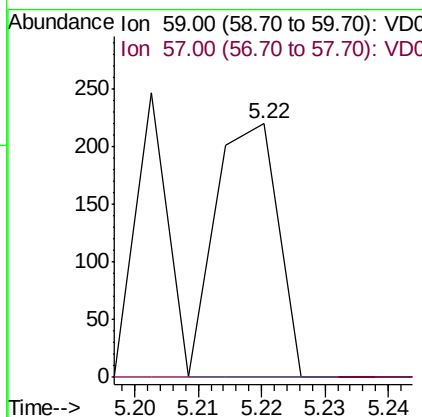
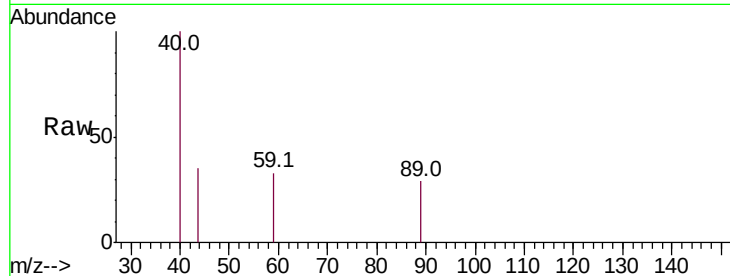




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD067687.D
Acq: 18 Nov 2020 15:52

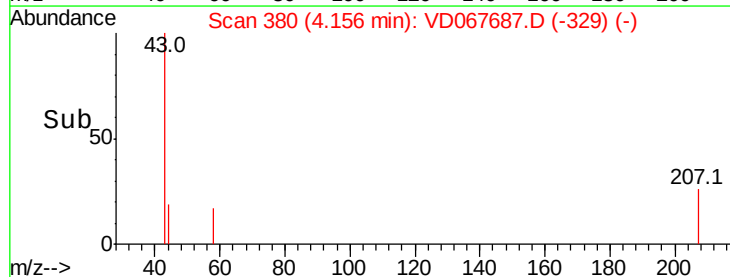
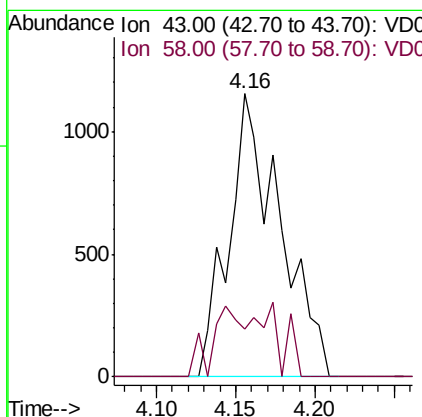
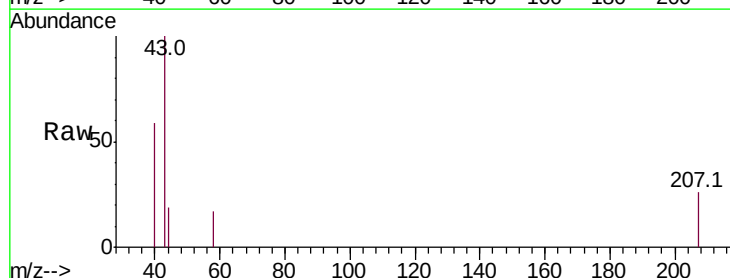
Instrument :
MSVOA_D
ClientSampleId :
CD-BH-01-2-3

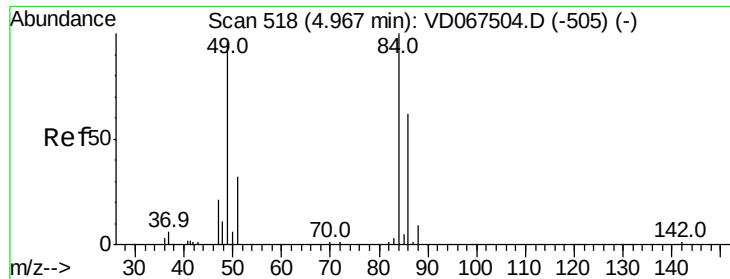
Tot Ion: 59 Resp: 148
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



#16
Acetone
Concen: 7.511 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD067687.D
Acq: 18 Nov 2020 15:52

Tgt Ion: 43 Resp: 2604
Ion Ratio Lower Upper
43 100
58 16.7 25.2 37.8#

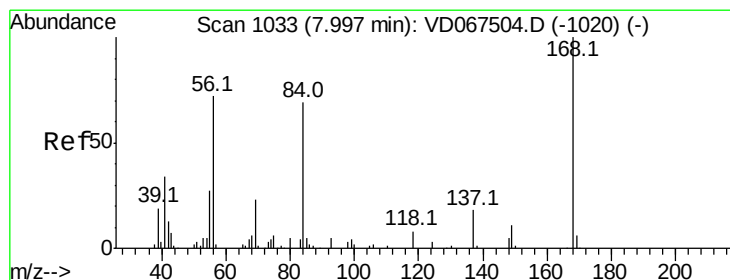
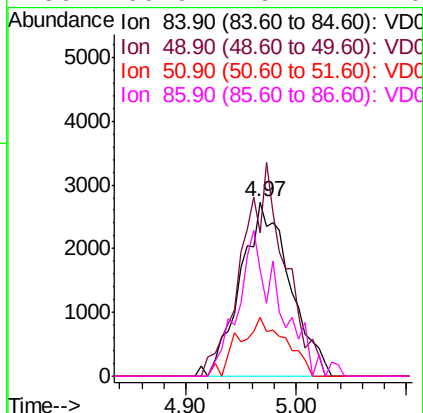
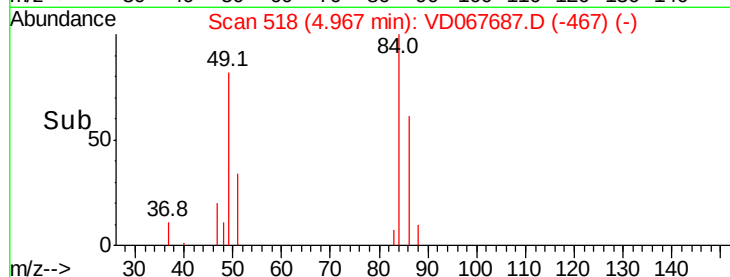
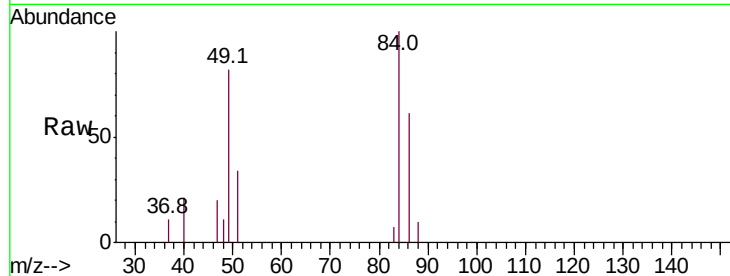




#20
Methylene Chloride
Concen: 3.487 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067687.D
Acq: 18 Nov 2020 15:52

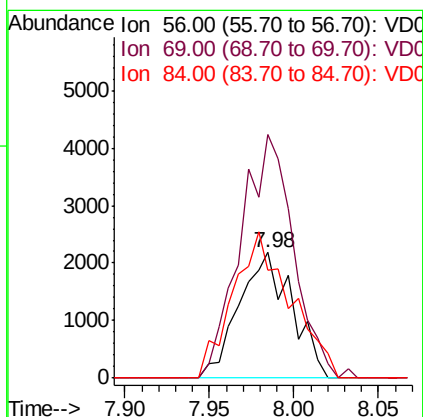
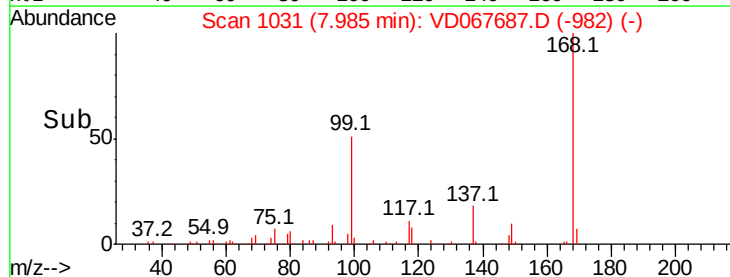
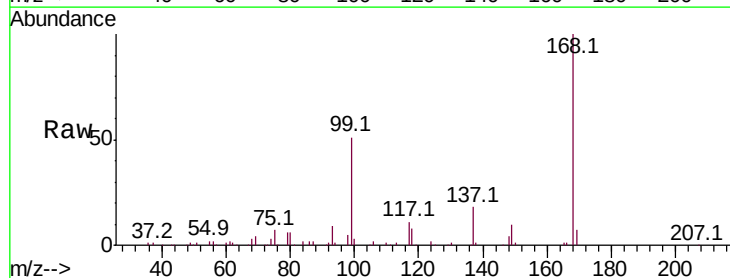
Instrument :
MSVOA_D
ClientSampleId :
CD-BH-01-2-3

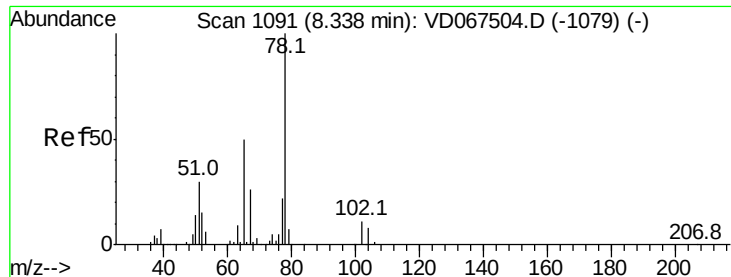
Tot Ion:	84	Resp:	8539
Ion	Ratio	Lower	Upper
84	100		
49	82.3	77.0	115.4
51	34.1	25.4	38.2
86	60.9	49.4	74.0



#31
Cyclohexane
Concen: 1.421 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067687.D
Acq: 18 Nov 2020 15:52

Tgt Ion:	56	Resp:	4774
Ion	Ratio	Lower	Upper
56	100		
69	193.5	25.9	38.9#
84	86.1	76.2	114.4

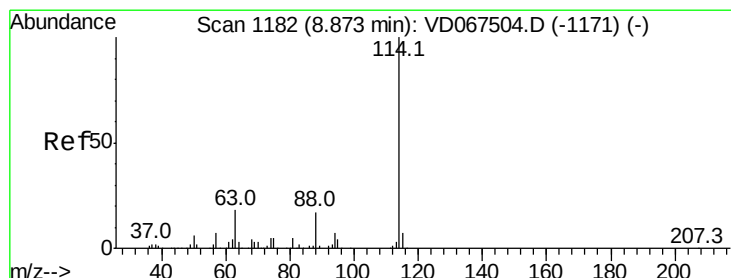
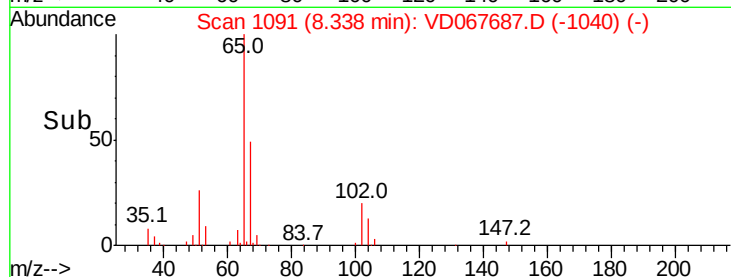
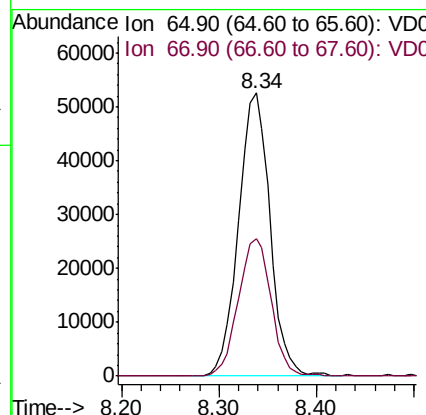
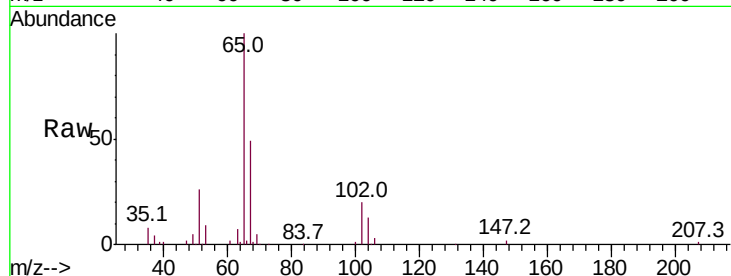




#33
 1,2-Dichloroethane-d4
 Concen: 51.053 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067687.D
 Acq: 18 Nov 2020 15:52

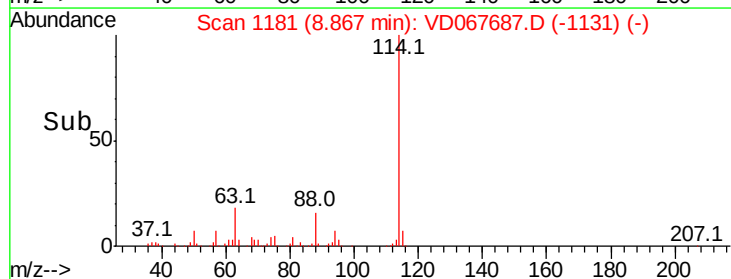
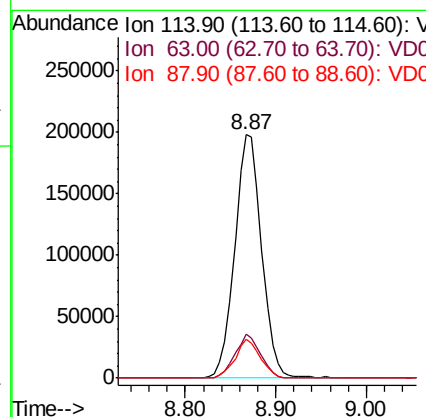
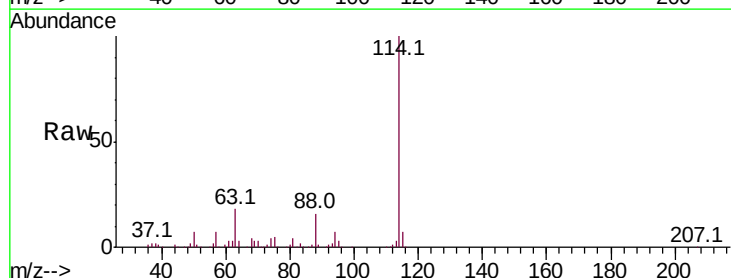
Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-01-2-3

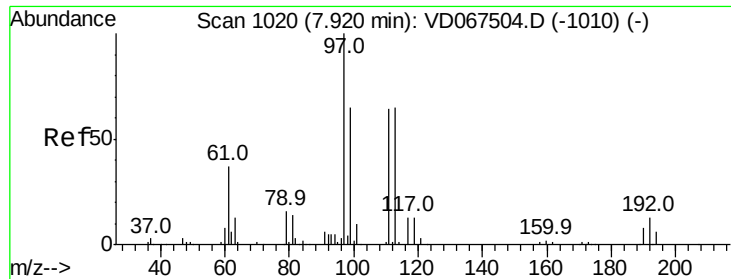
Tot Ion: 65 Resp: 118281
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067687.D
 Acq: 18 Nov 2020 15:52

Tgt Ion: 114 Resp: 408686
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.0
 88 16.2 0.0 33.0

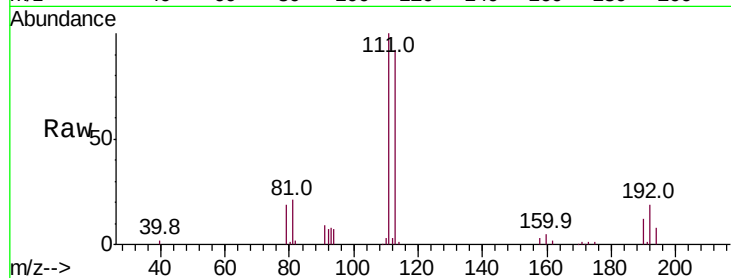




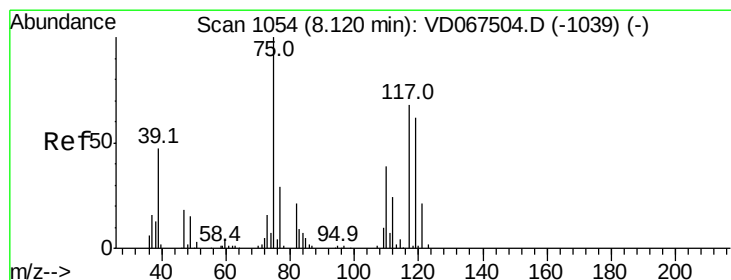
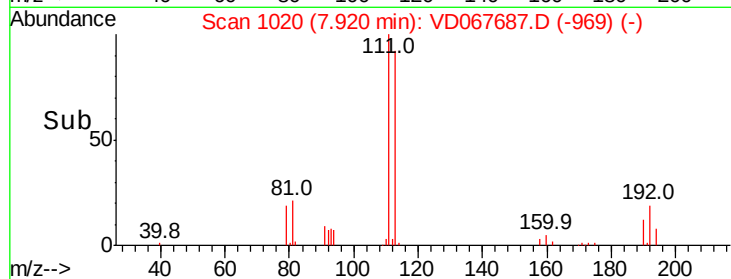
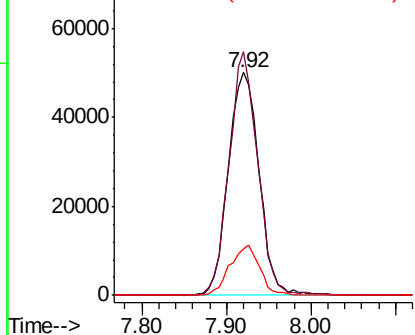
#35
 Dibromofluoromethane
 Concen: 51.200 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067687.D
 Acq: 18 Nov 2020 15:52

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-01-2-3

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.0	120.0
192	21.3	16.3	24.5

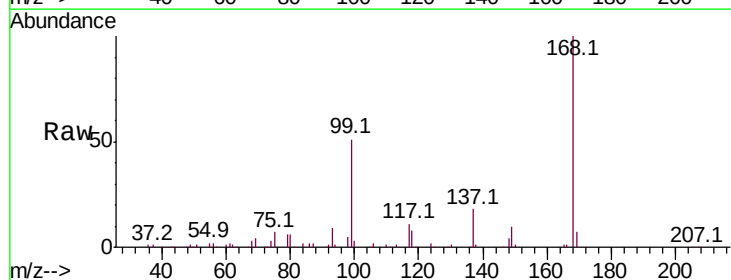


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

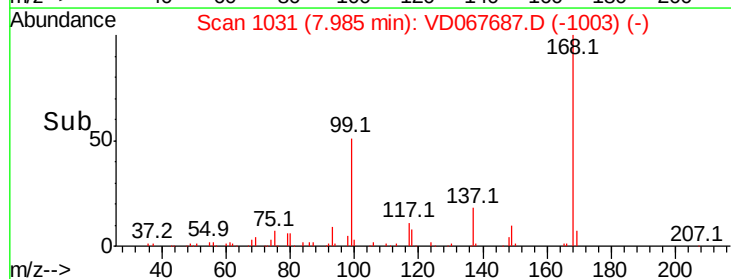
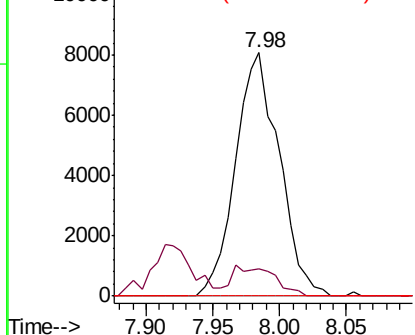


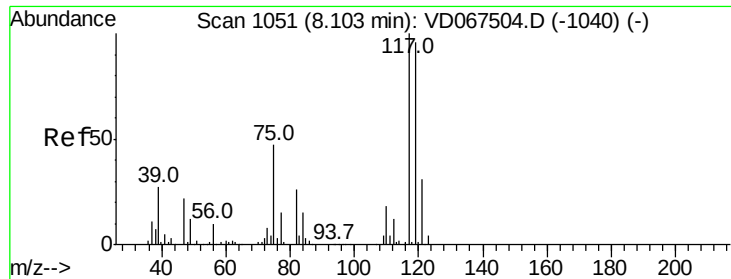
#36
 1,1-Dichloropropene
 Concen: 5.243 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067687.D
 Acq: 18 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.0	19.9	59.7#
77	0.0	24.8	37.2#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC

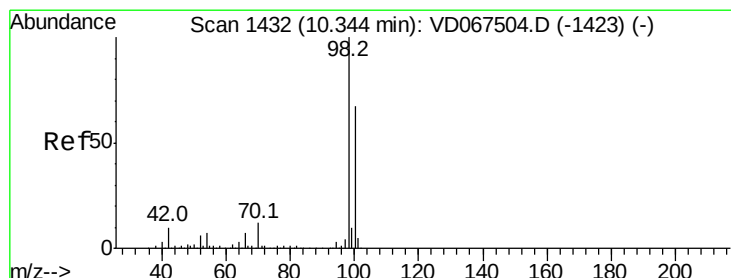
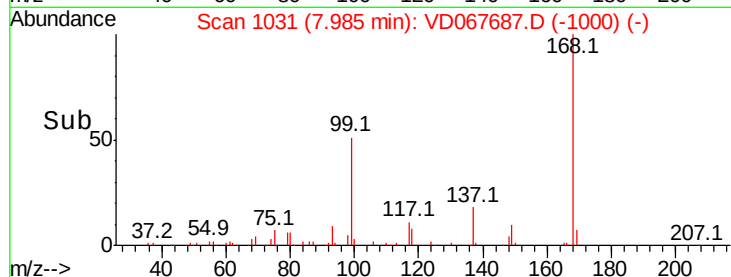
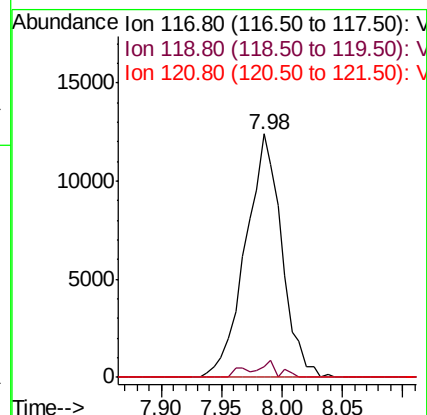
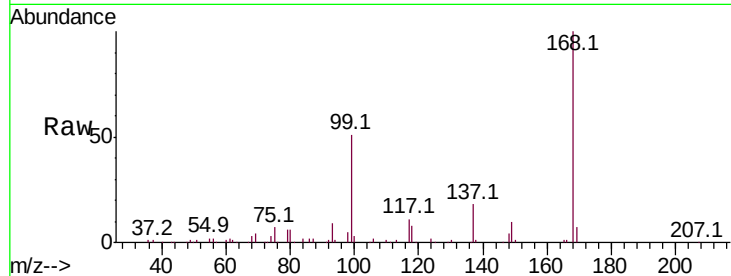




#38
Carbon Tetrachloride
Concen: 5.709 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067687.D
Acq: 18 Nov 2020 15:52

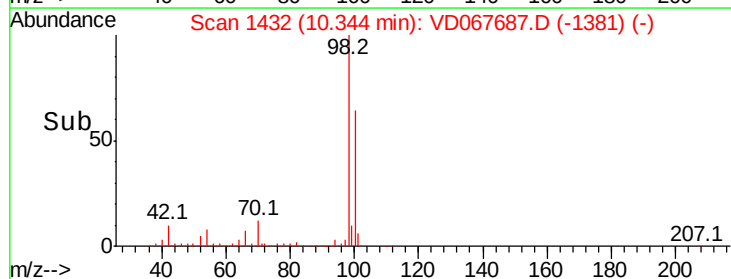
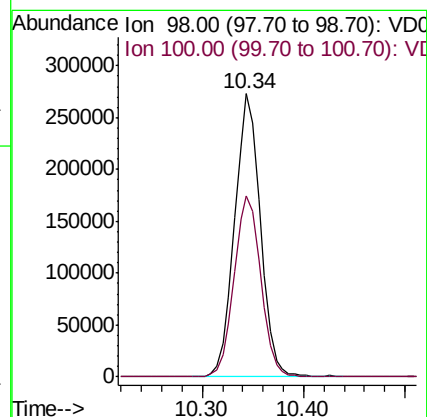
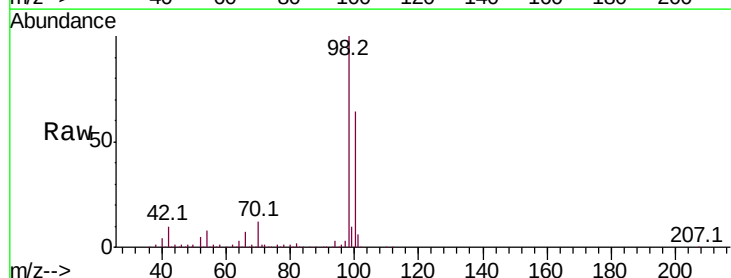
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MSVOA_D
ClientSampleId :
CD-BH-01-2-3

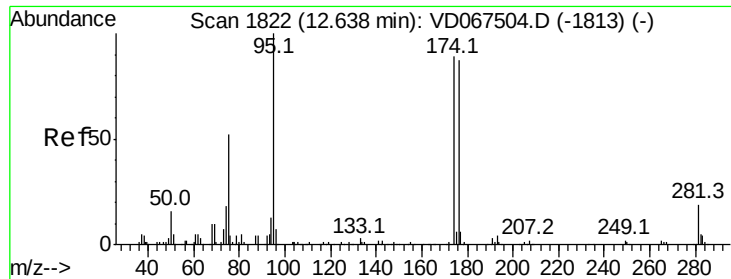
Tot Ion:117 Resp: 25949
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 55.769 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067687.D
Acq: 18 Nov 2020 15:52

Tgt Ion: 98 Resp: 482575
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6

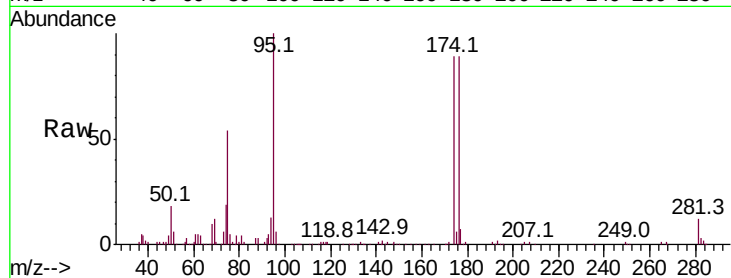




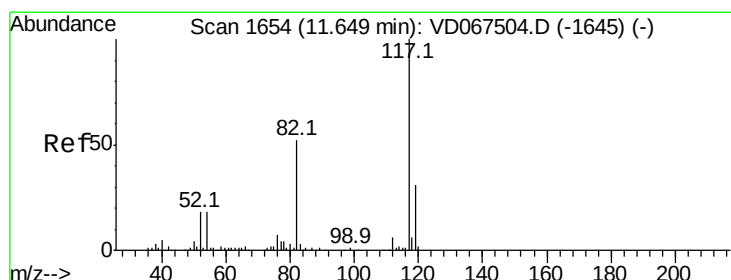
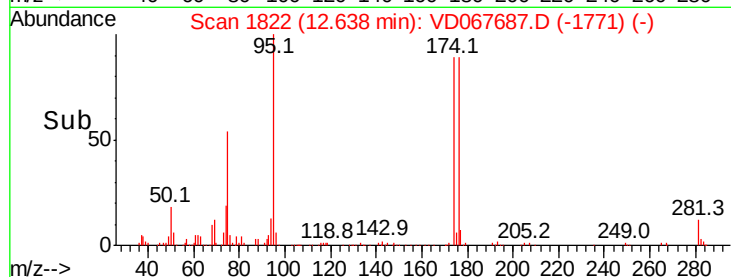
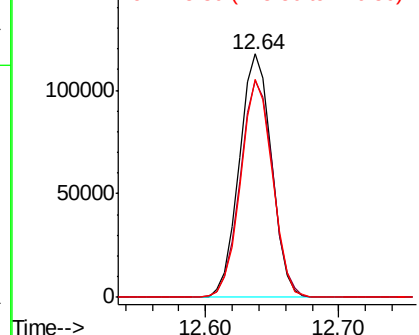
#62
4-Bromofluorobenzene
Concen: 65.866 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067687.D
Acq: 18 Nov 2020 15:52

Instrument :
MSVOA_D
ClientSampleId :
CD-BH-01-2-3

Tot Ion: 95 Resp: 196773
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.8
176 87.7 0.0 172.0

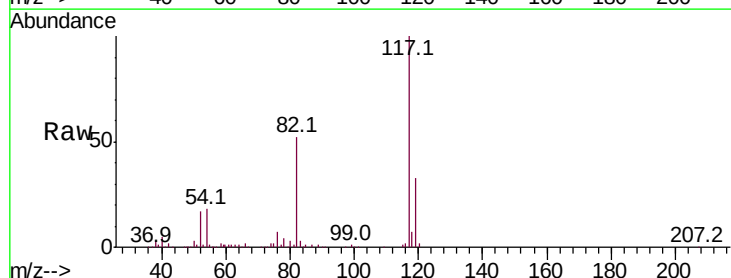


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

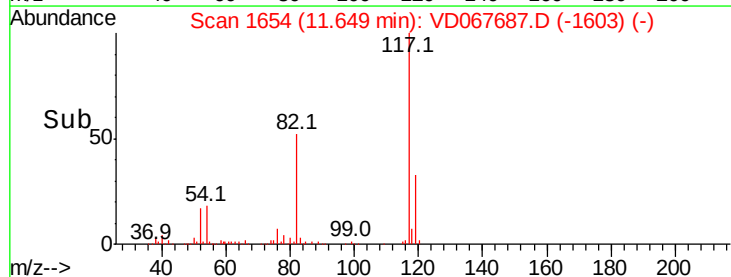
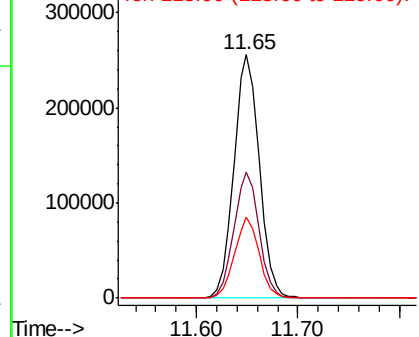


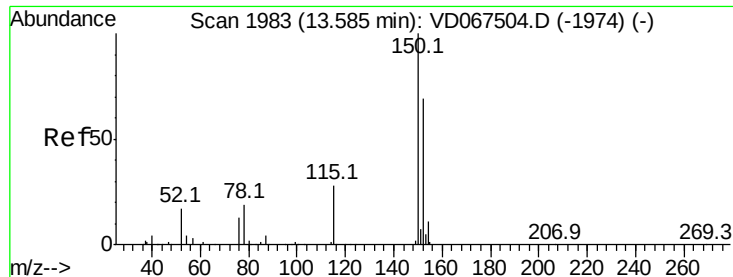
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067687.D
Acq: 18 Nov 2020 15:52

Tgt Ion: 117 Resp: 443878
Ion Ratio Lower Upper
117 100
82 51.9 41.6 62.4
119 33.4 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

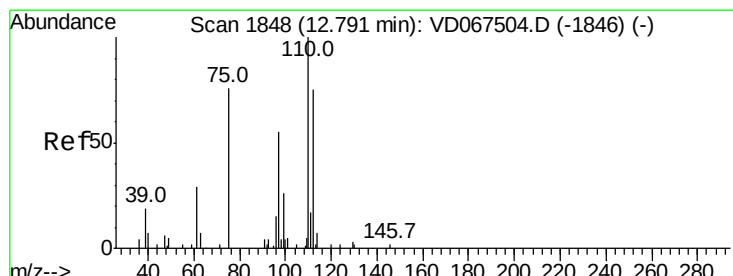
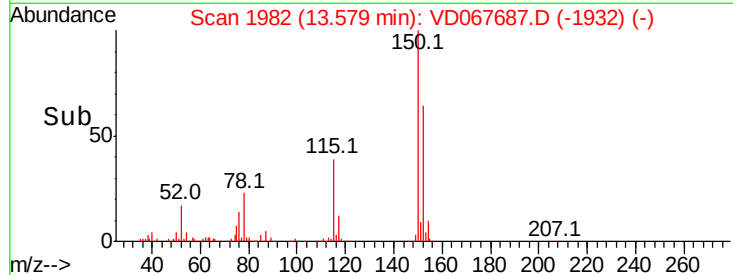
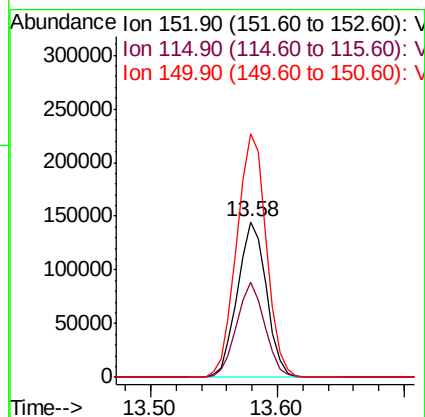
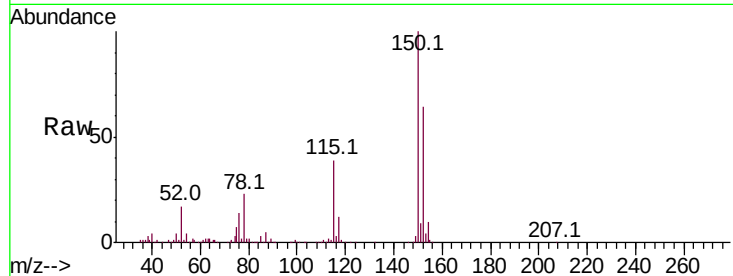




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: VD067687.D
 Acq: 18 Nov 2020 15:52

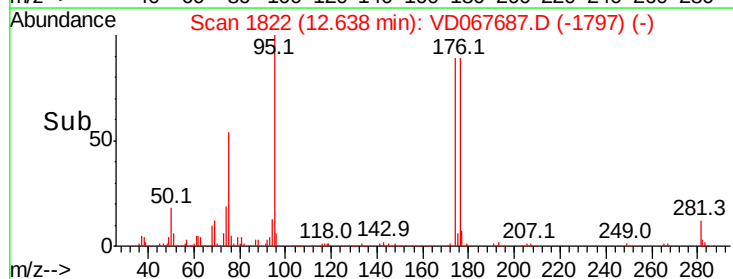
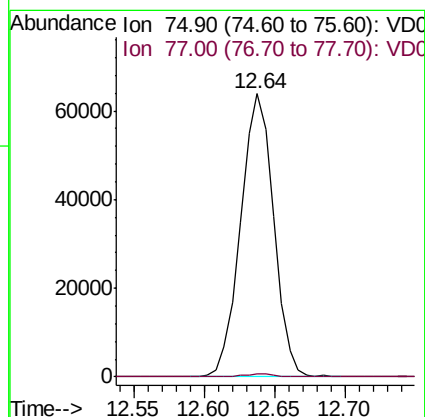
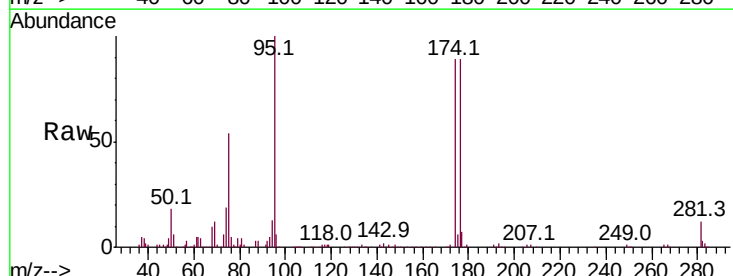
Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-01-2-3

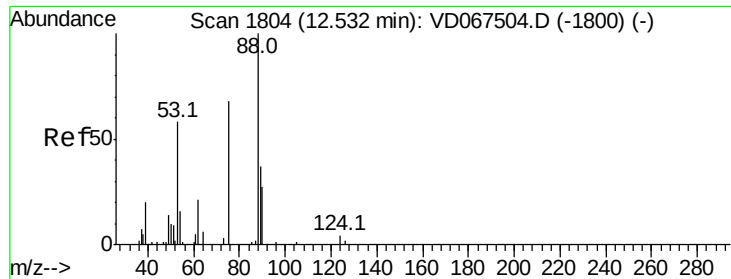
Tot Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.3	88.0
150	159.9	0.0	338.2



#76
 1,2,3-Trichloropropane
 Concen: 75.873 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067687.D
 Acq: 18 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 154.041 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067687.D

Acq: 18 Nov 2020 15:52

Instrument :

MSVOA_D

ClientSampleId :

CD-BH-01-2-3

Tot Ion: 75 Resp: 104499

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

