

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067664.D
 Acq On : 17 Nov 2020 15:58
 Operator : VA/SY
 Sample : L4771-10
 Misc : 5.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-02-2-3

Quant Time: Nov 17 23:59:05 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	188883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	311900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	350262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	186250	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	104814	63.46	ug/l	0.00
Spiked Amount			Recovery	=	126.92%	
35) Dibromofluoromethane	7.93	113	104136	55.42	ug/l	0.00
Spiked Amount			Recovery	=	110.84%	
50) Toluene-d8	10.34	98	382585	57.93	ug/l	0.00
Spiked Amount			Recovery	=	115.86%	
62) 4-Bromofluorobenzene	12.64	95	153568	67.36	ug/l	0.00
Spiked Amount			Recovery	=	134.72%	

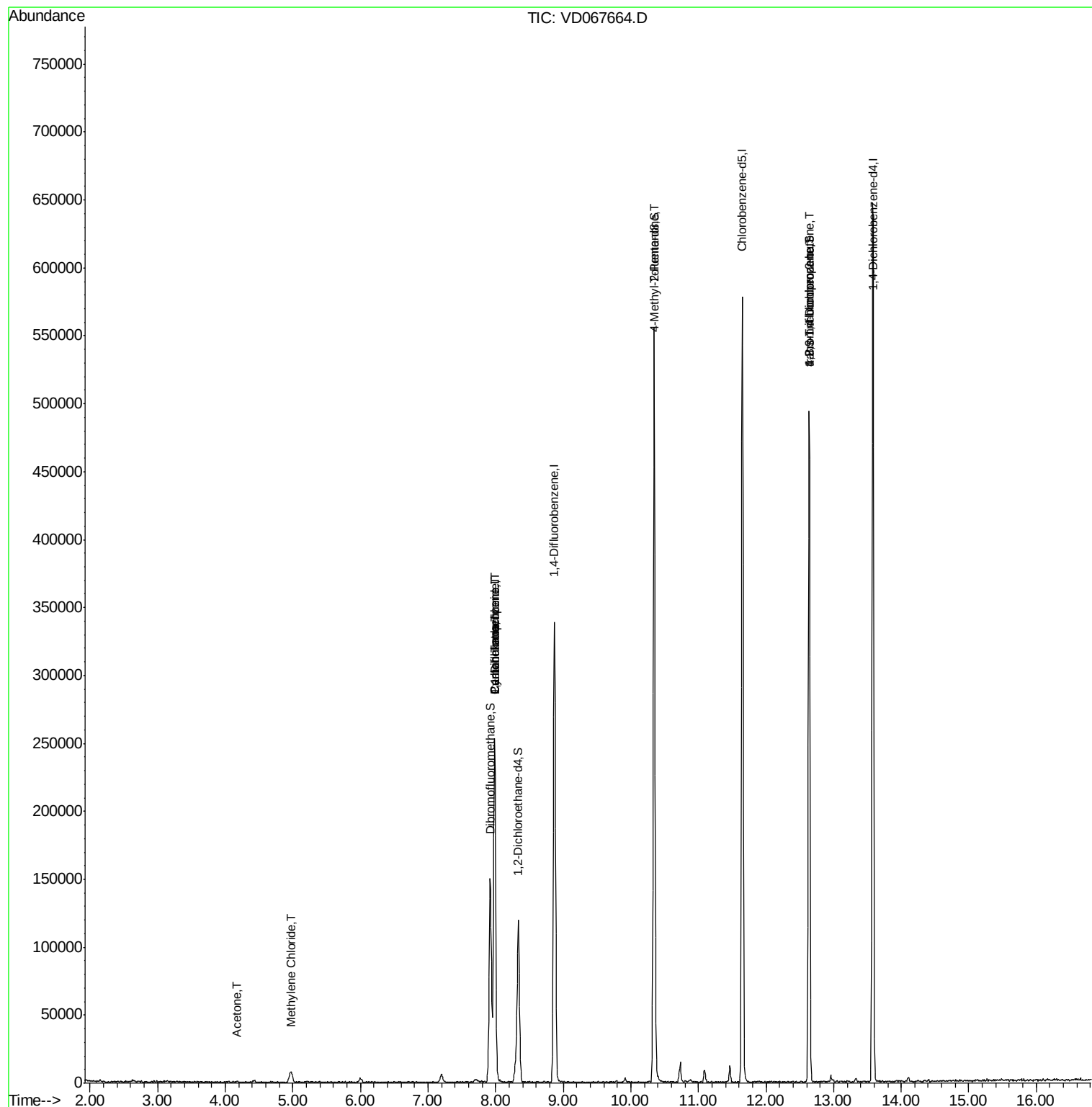
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	87	Below Cal	#	44
11) Tert butyl alcohol	5.21	59	293	Below Cal	#	79
16) Acetone	4.17	43	593	2.399	ug/l #	43
20) Methylene Chloride	4.98	84	6886	3.944	ug/l #	85
31) Cyclohexane	7.98	56	4039	1.686	ug/l #	3
36) 1,1-Dichloropropene	7.98	75	12478	4.674	ug/l #	50
38) Carbon Tetrachloride	7.98	117	19562	5.639	ug/l #	18
51) 4-Methyl-2-Pentanone	10.36	43	1439	2.195	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	80081	71.274	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	80081	144.705	ug/l #	10

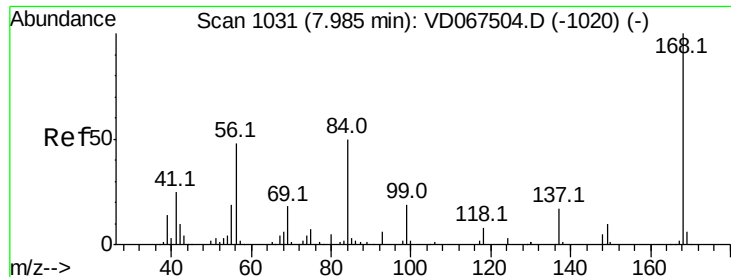
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
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Misc : 5.67G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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CD-BH-02-2-3

Quant Time: Nov 17 23:59:05 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: VD067664.D

Acq: 17 Nov 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

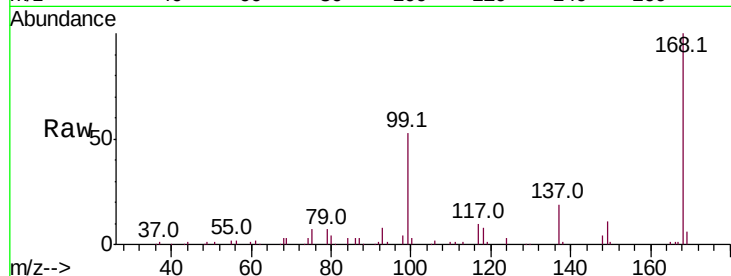
CD-BH-02-2-3

Tot Ion:168 Resp: 188883

Ion Ratio Lower Upper

168 100

99 52.6 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

80000

60000

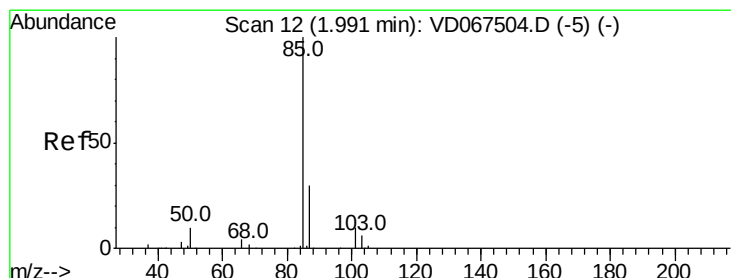
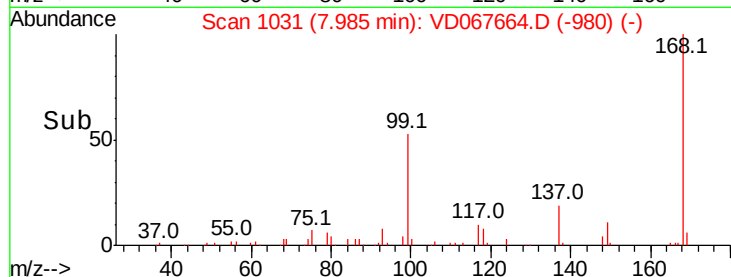
40000

20000

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: VD067664.D

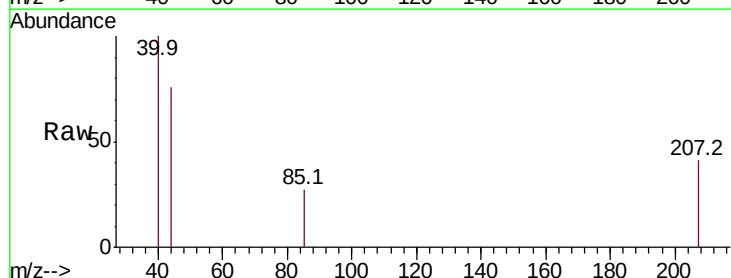
Acq: 17 Nov 2020 15:58

Tgt Ion: 85 Resp: 87

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

250

200

150

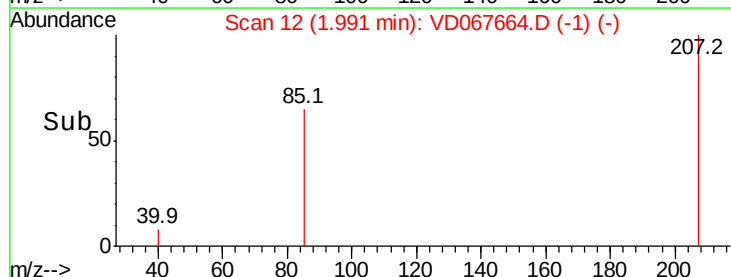
100

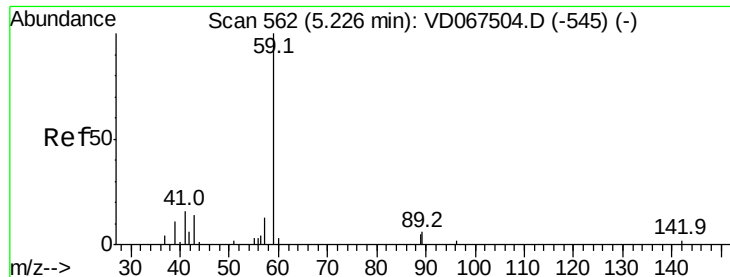
50

0

Time-->

1.97 1.98 1.99 2.00 2.01



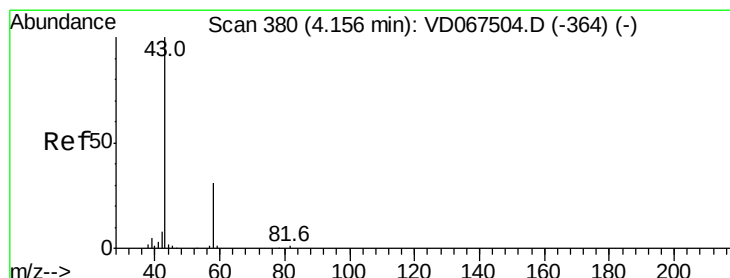
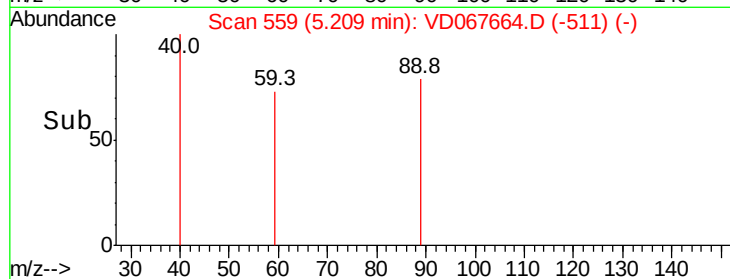
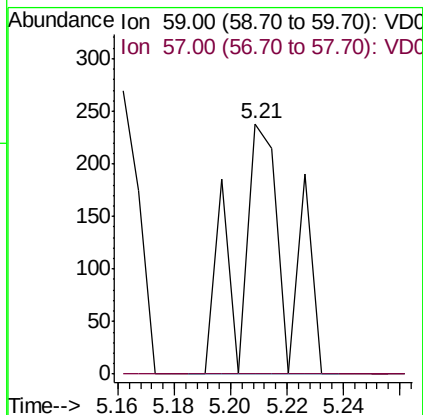
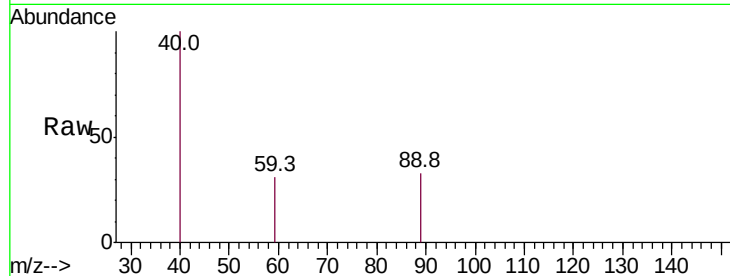


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD067664.D
 Acq: 17 Nov 2020 15:58

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-02-2-3

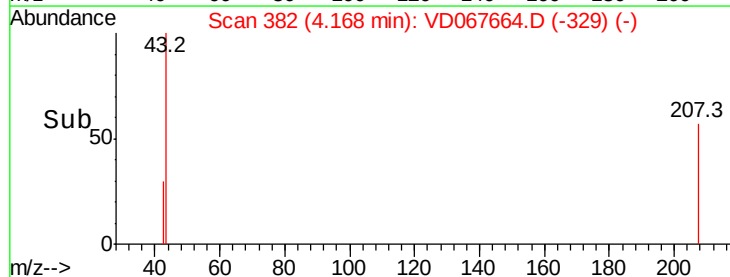
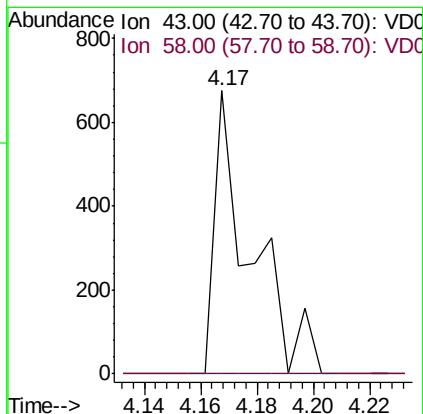
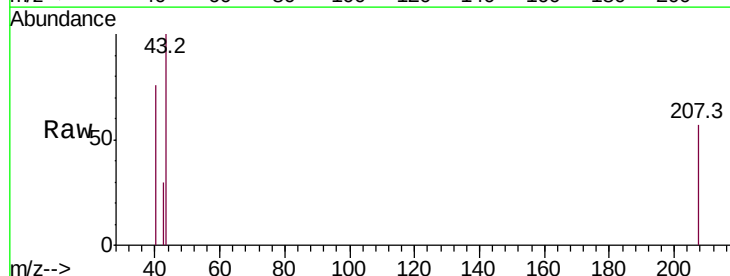
Tot Ion: 59 Resp: 293
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

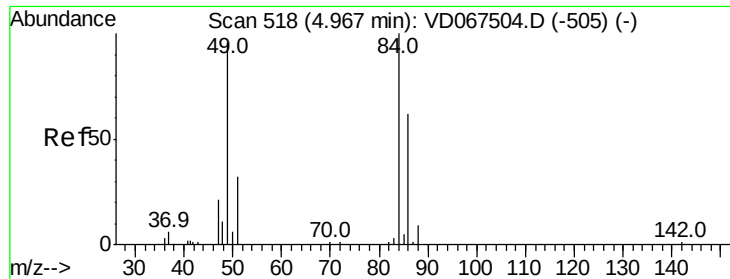


#16

Acetone
 Concen: 2.399 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VD067664.D
 Acq: 17 Nov 2020 15:58

Tgt Ion: 43 Resp: 593
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.2 37.8#

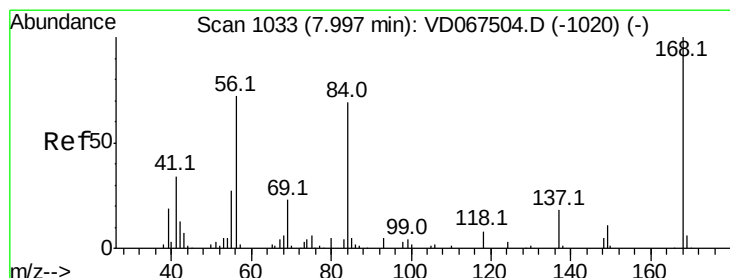
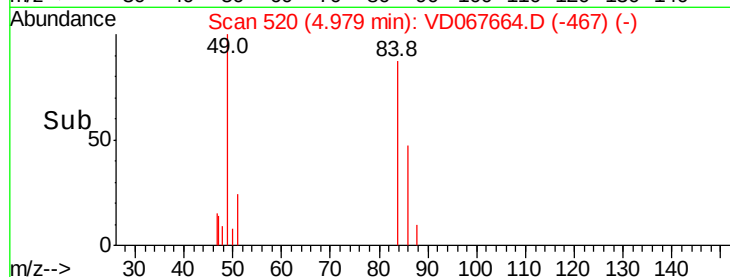
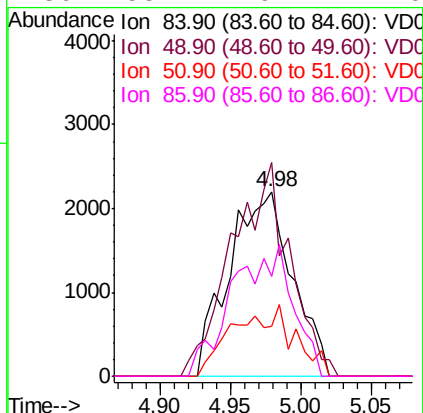
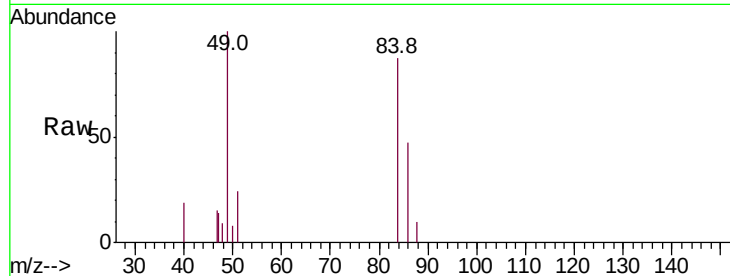




#20
Methylene Chloride
Concen: 3.944 ug/l
RT: 4.98 min Scan# 520
Delta R.T. 0.01 min
Lab File: VD067664.D
Acq: 17 Nov 2020 15:58

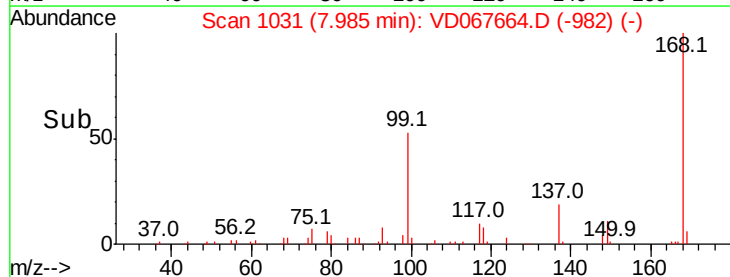
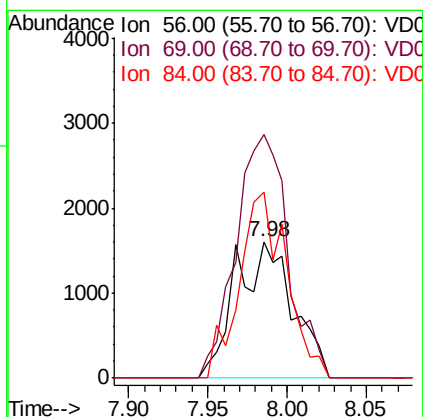
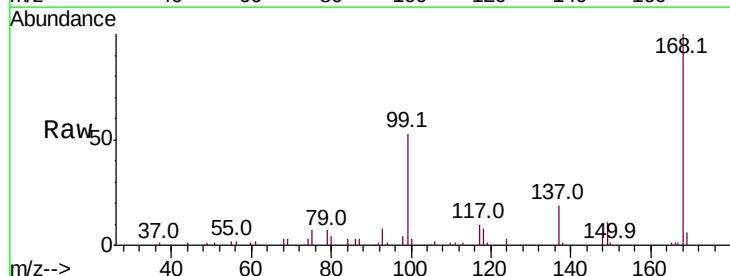
Instrument :
MSVOA_D
ClientSampleId :
CD-BH-02-2-3

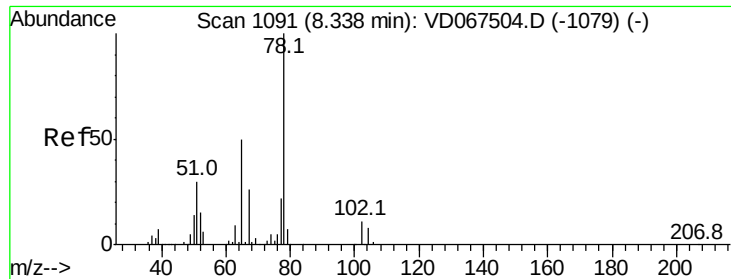
Tot Ion:	84	Resp:	6886
Ion	Ratio	Lower	Upper
84	100		
49	115.5	77.0	115.4#
51	27.2	25.4	38.2
86	53.7	49.4	74.0



#31
Cyclohexane
Concen: 1.686 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067664.D
Acq: 17 Nov 2020 15:58

Tgt Ion:	56	Resp:	4039
Ion	Ratio	Lower	Upper
56	100		
69	178.5	25.9	38.9#
84	136.1	76.2	114.4#

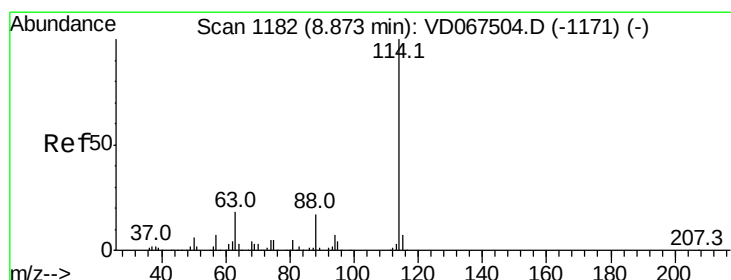
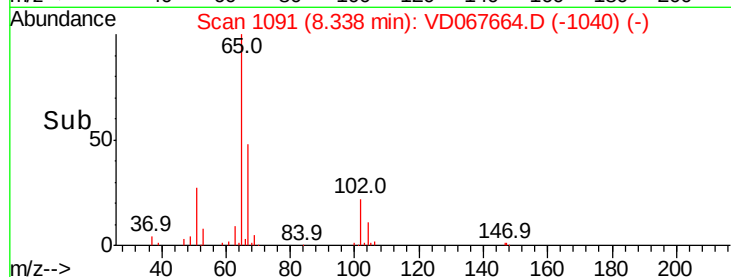
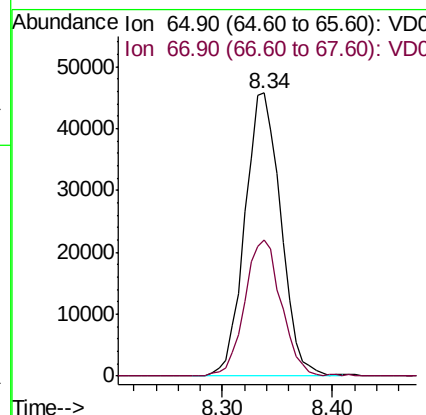
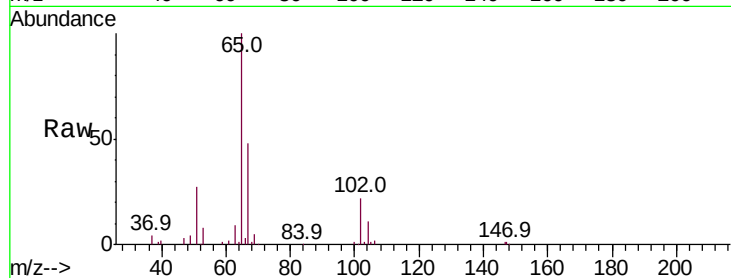




#33
 1,2-Dichloroethane-d4
 Concen: 63.463 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067664.D
 Acq: 17 Nov 2020 15:58

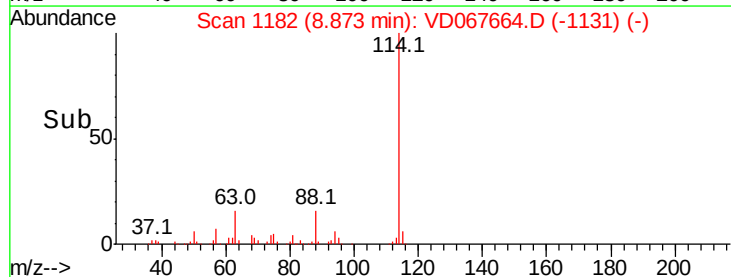
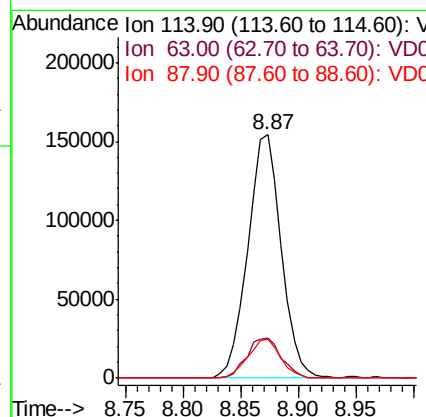
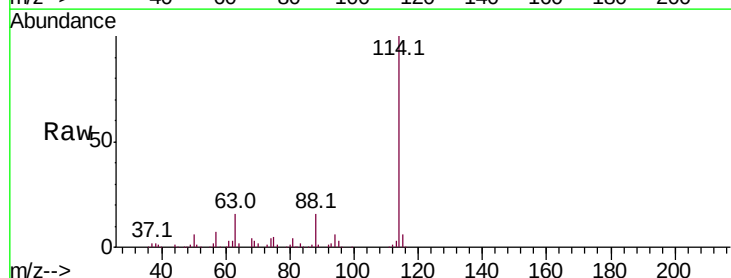
Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-02-2-3

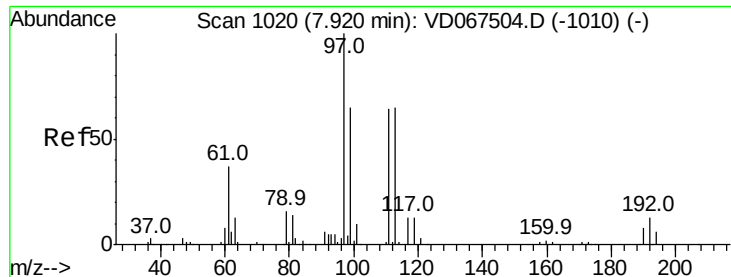
Tot Ion: 65 Resp: 104814
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VD067664.D
 Acq: 17 Nov 2020 15:58

Tgt Ion: 114 Resp: 311900
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 35.0
 88 15.7 0.0 33.0

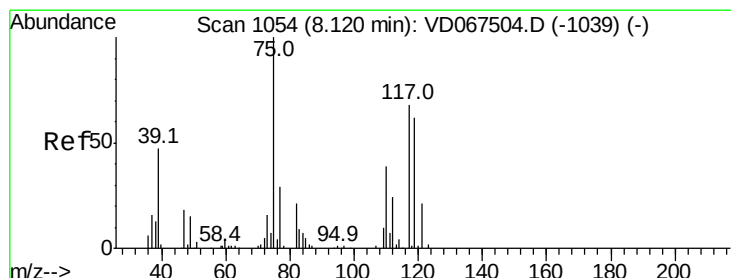
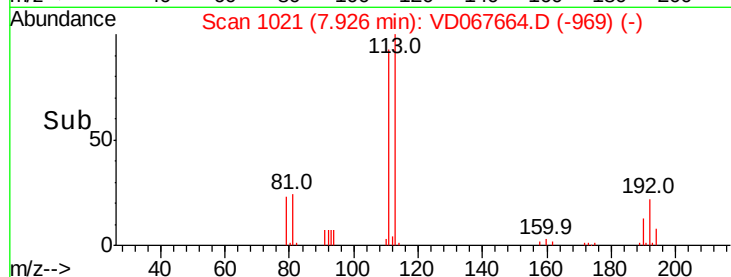
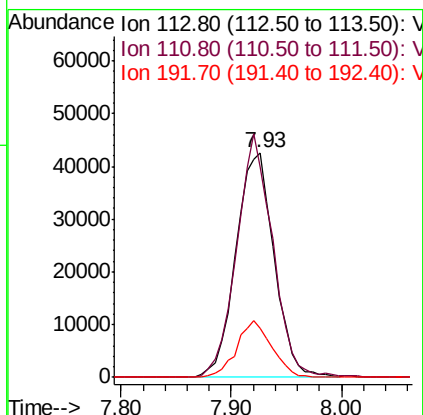
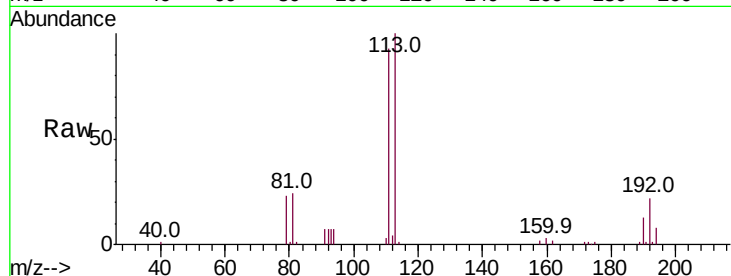




#35
 Dibromofluoromethane
 Concen: 55.415 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067664.D
 Acq: 17 Nov 2020 15:58

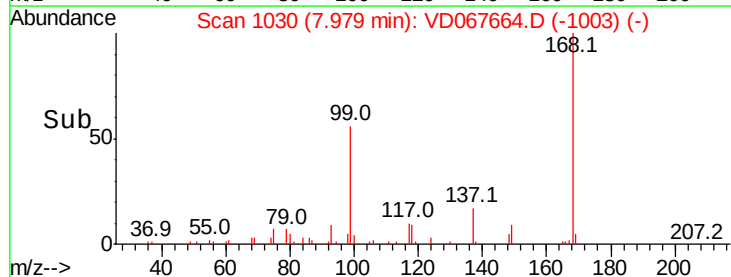
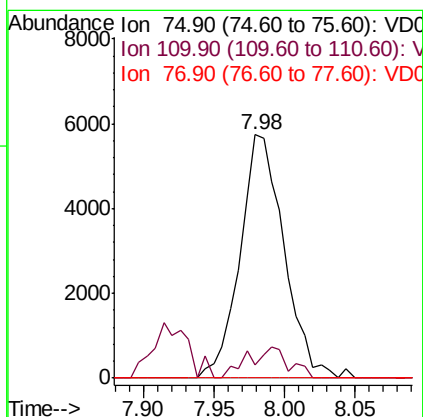
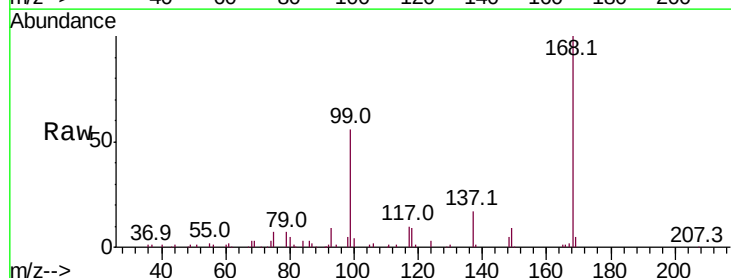
Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-02-2-3

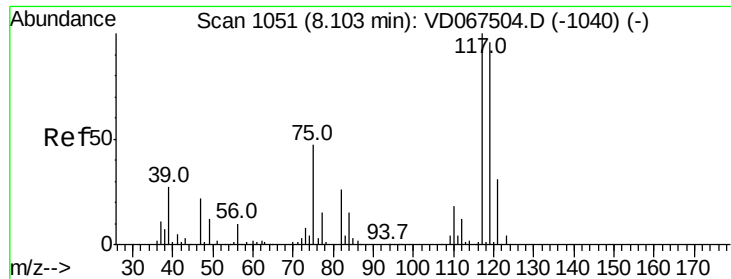
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.0	120.0
192	22.8	16.3	24.5



#36
 1,1-Dichloropropene
 Concen: 4.674 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067664.D
 Acq: 17 Nov 2020 15:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.8	19.9	59.7#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.639 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067664.D

Acq: 17 Nov 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

CD-BH-02-2-3

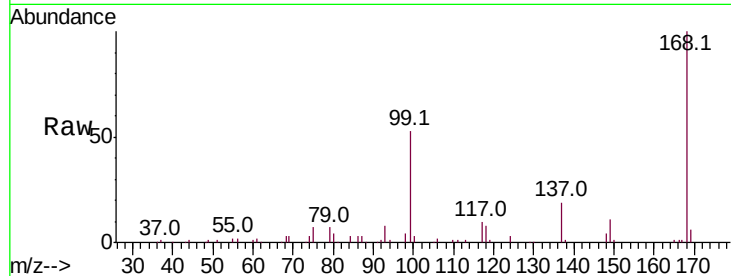
Tot Ion:117 Resp: 19562

Ion Ratio Lower Upper

117 100

119 7.6 76.9 115.3#

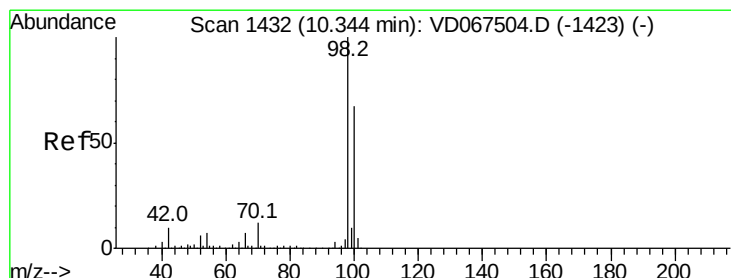
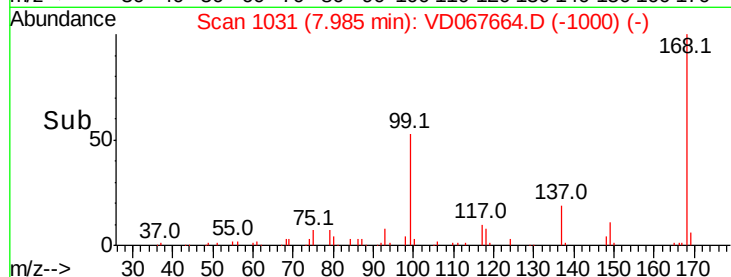
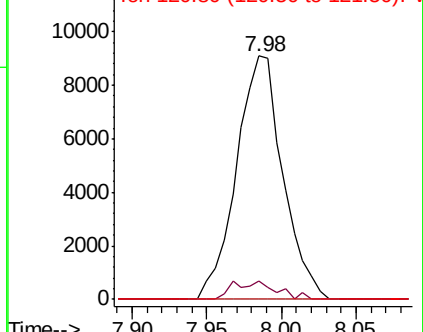
121 0.0 24.5 36.7#



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: 57.933 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067664.D

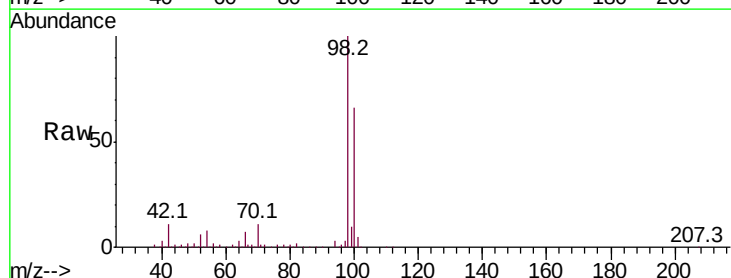
Acq: 17 Nov 2020 15:58

Tgt Ion: 98 Resp: 382585

Ion Ratio Lower Upper

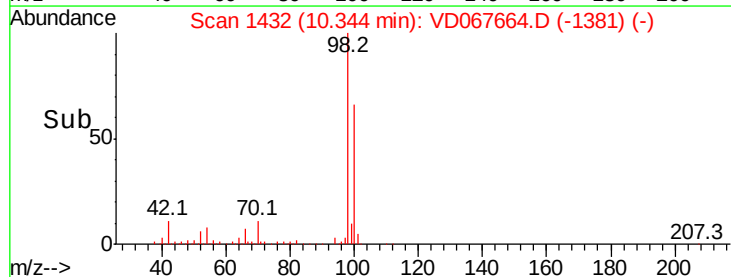
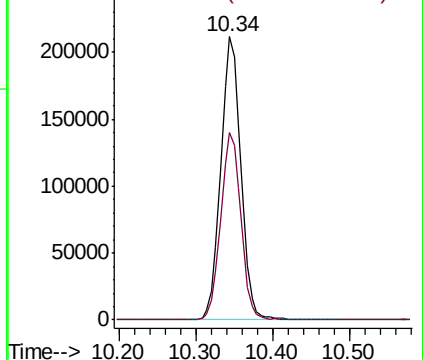
98 100

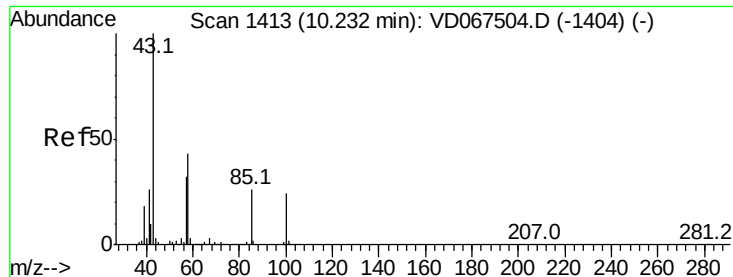
100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

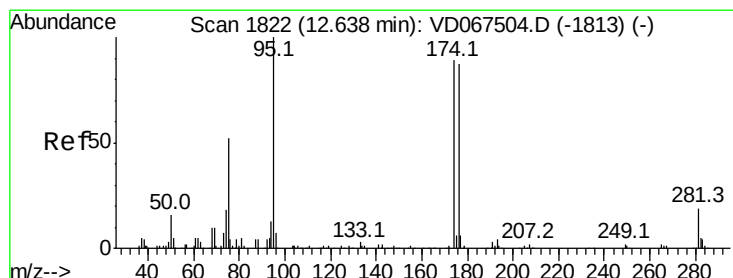
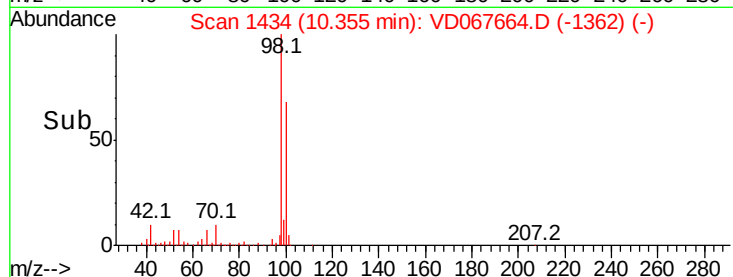
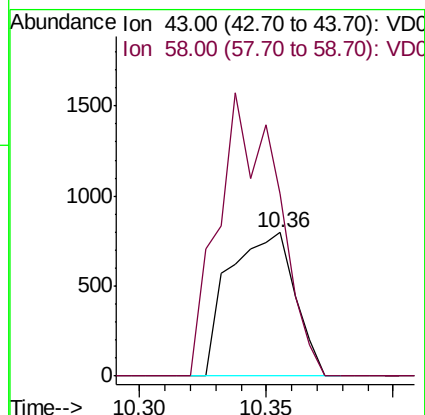
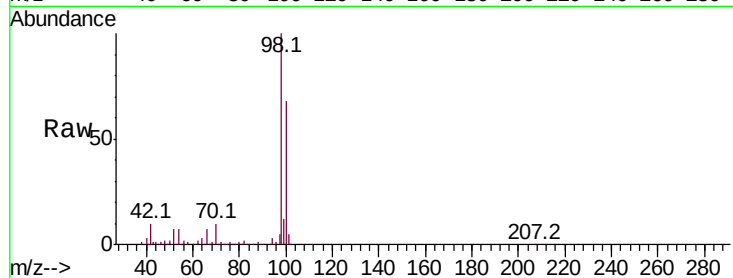




#51
4-Methyl-2-Pentanone
Concen: 2.195 ug/l
RT: 10.36 min Scan# 1434
Delta R.T. 0.12 min
Lab File: VD067664.D
Acq: 17 Nov 2020 15:58

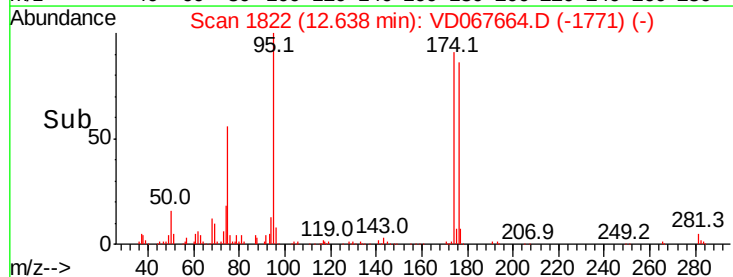
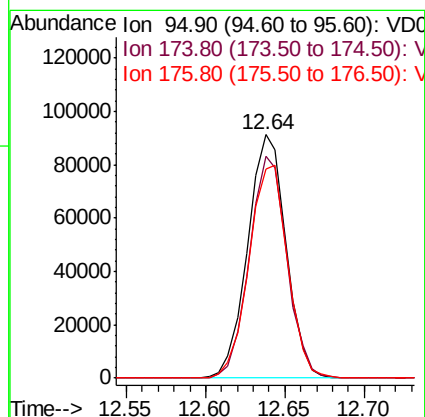
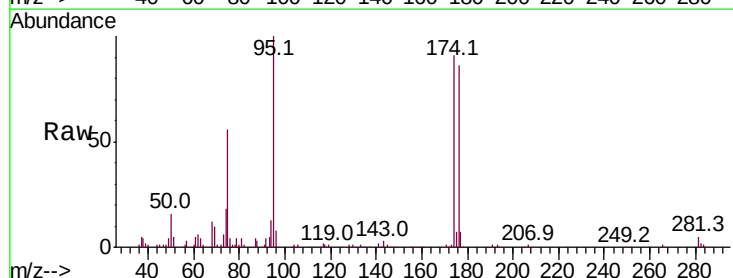
Instrument :
MSVOA_D
ClientSampleId :
CD-BH-02-2-3

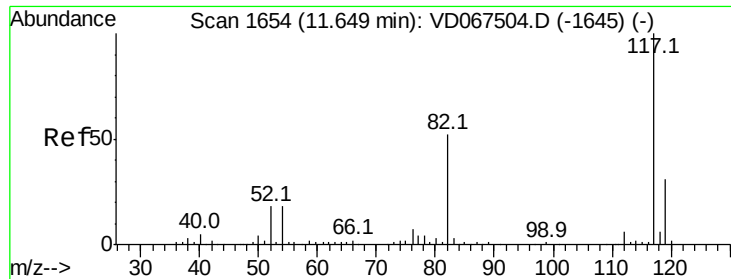
Tot Ion: 43 Resp: 1439
Ion Ratio Lower Upper
43 100
58 177.7 35.6 53.4#



#62
4-Bromofluorobenzene
Concen: 67.355 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067664.D
Acq: 17 Nov 2020 15:58

Tgt Ion: 95 Resp: 153568
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.8
176 88.4 0.0 172.0

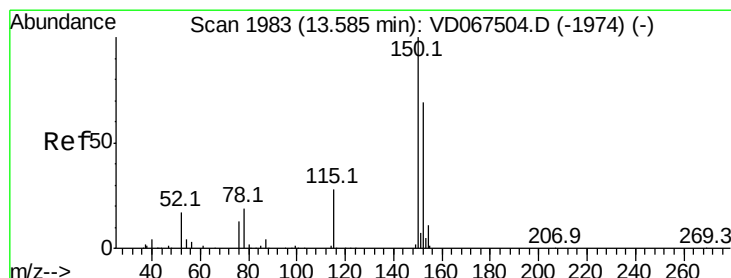
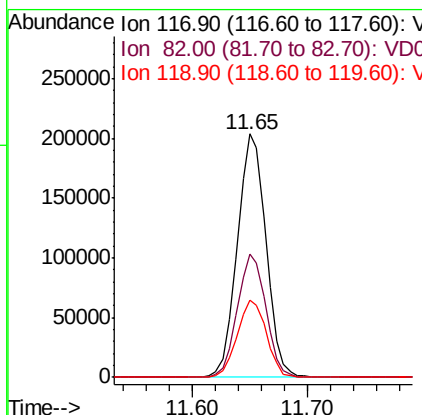
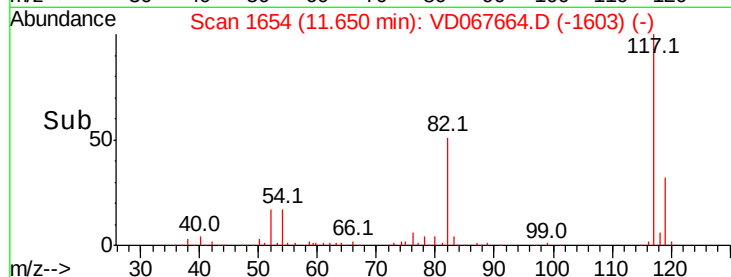
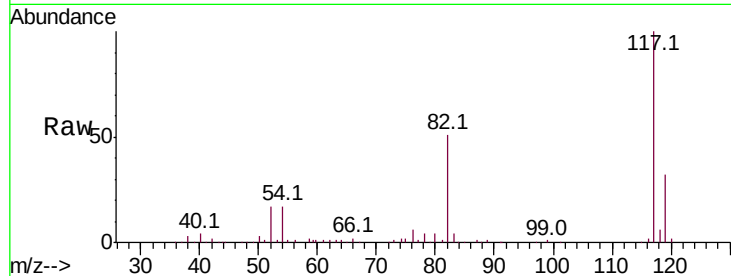




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067664.D
Acq: 17 Nov 2020 15:58

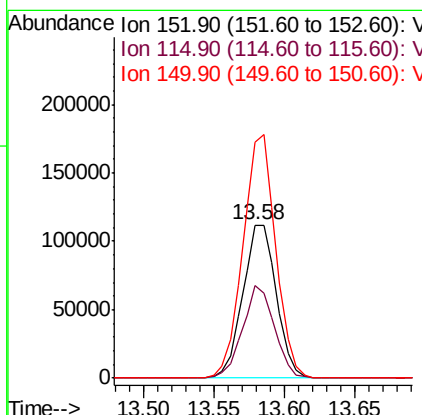
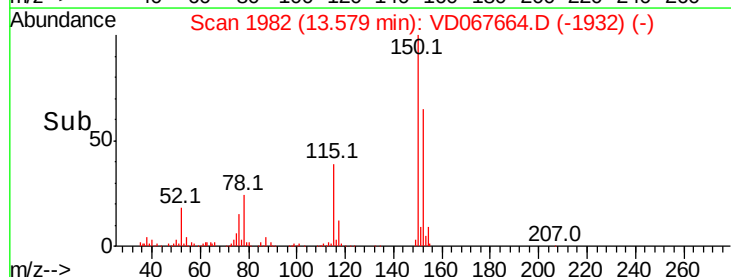
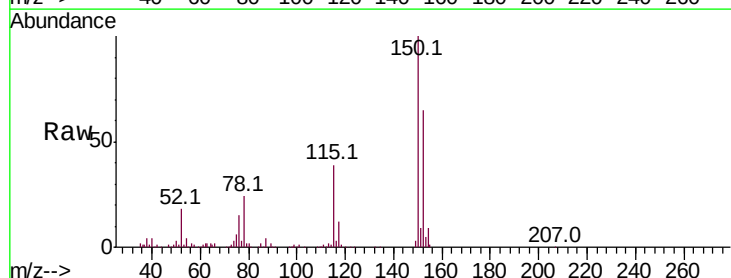
Instrument :
MSVOA_D
ClientSampleId :
CD-BH-02-2-3

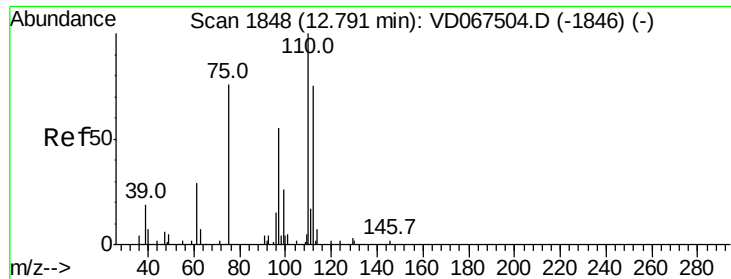
Tot Ion:117 Resp: 350262
Ion Ratio Lower Upper
117 100
82 50.8 41.6 62.4
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067664.D
Acq: 17 Nov 2020 15:58

Tgt Ion:152 Resp: 186250
Ion Ratio Lower Upper
152 100
115 57.3 29.3 88.0
150 155.0 0.0 338.2

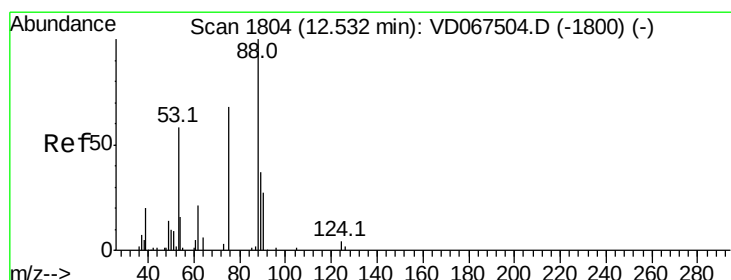
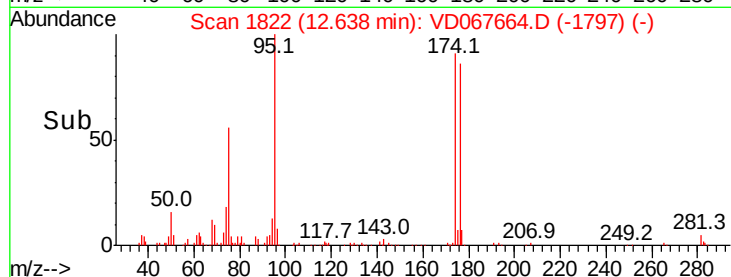
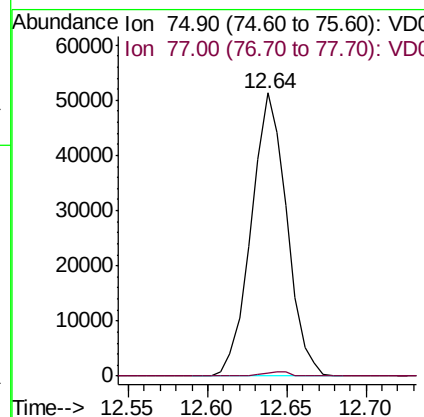
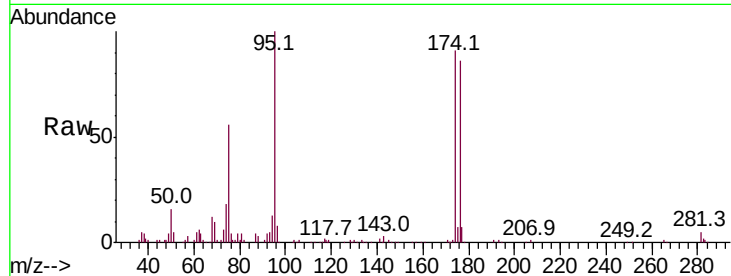




#76
 1,2,3-Trichloropropane
 Concen: 71.274 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067664.D
 Acq: 17 Nov 2020 15:58

Instrument :
 MSVOA_D
 ClientSampleId :
 CD-BH-02-2-3

Tot Ion: 75 Resp: 80081
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.705 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067664.D
 Acq: 17 Nov 2020 15:58

Tgt Ion: 75 Resp: 80081
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.9 113.9#
 89 0.1 44.6 67.0#

