

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067723.D
 Acq On : 20 Nov 2020 14:30
 Operator : VA/SY
 Sample : L4809-05
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 00:39:27 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

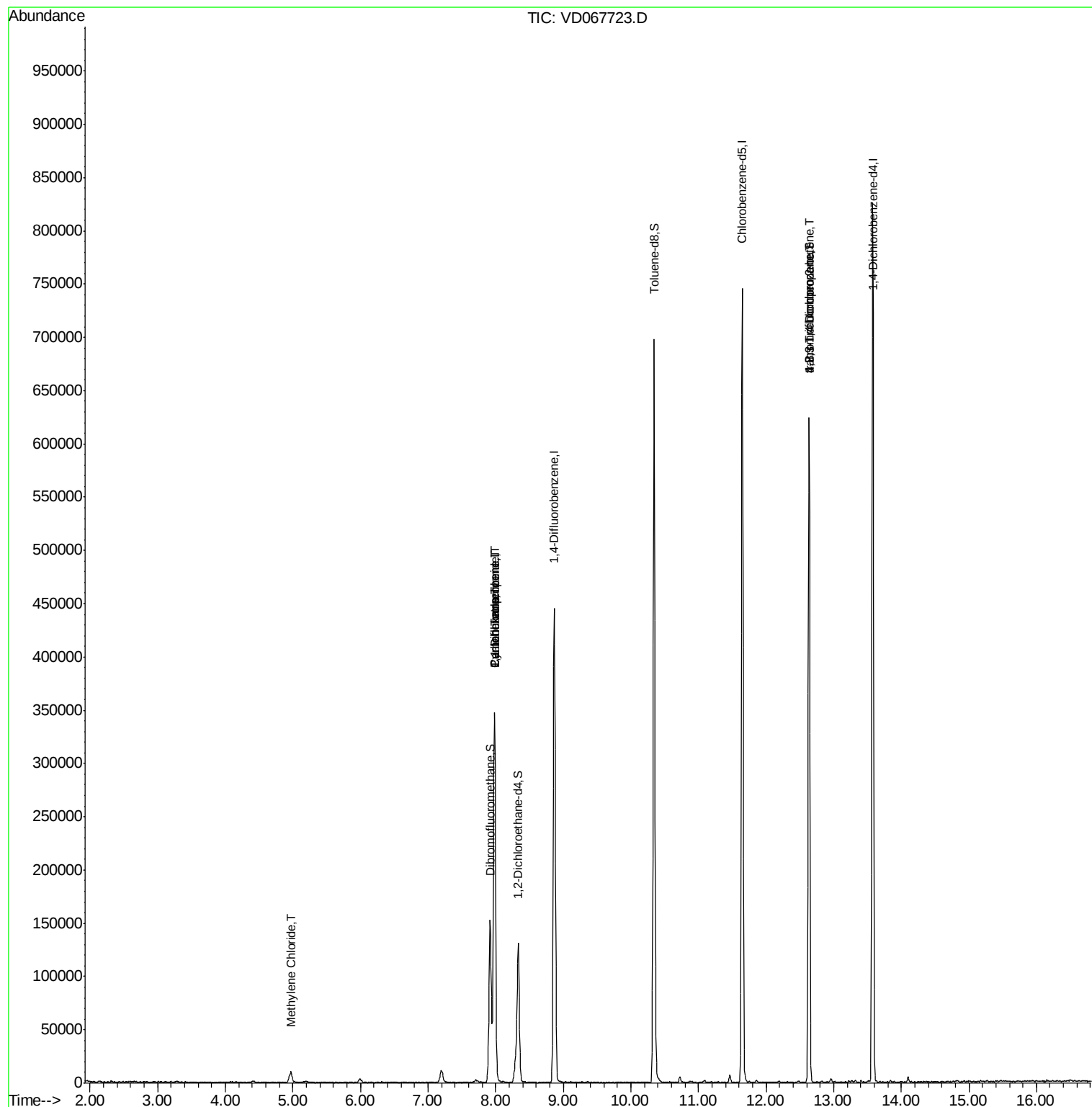
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	263899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	404324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	432125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	112999	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
35) Dibromofluoromethane	7.92	113	106058	43.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.08%	
50) Toluene-d8	10.34	98	482979	56.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.84%	
62) 4-Bromofluorobenzene	12.64	95	193048	65.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.64%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	420	Below Cal	#	44
11) Tert butyl alcohol	5.20	59	972	Below Cal	#	79
20) Methylene Chloride	4.97	84	8657	3.549	ug/l #	89
31) Cyclohexane	7.98	56	5635	1.684	ug/l #	44
36) 1,1-Dichloropropene	7.98	75	17934	5.182	ug/l #	46
38) Carbon Tetrachloride	7.98	117	27813	6.185	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	102537	74.602	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	102537	151.462	ug/l #	10

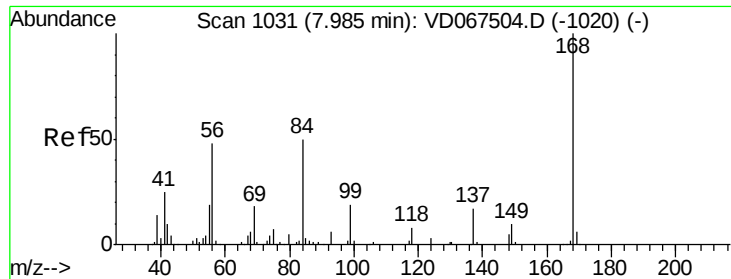
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Nov 21 00:39:27 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: VD067723.D

Acq: 20 Nov 2020 14:30

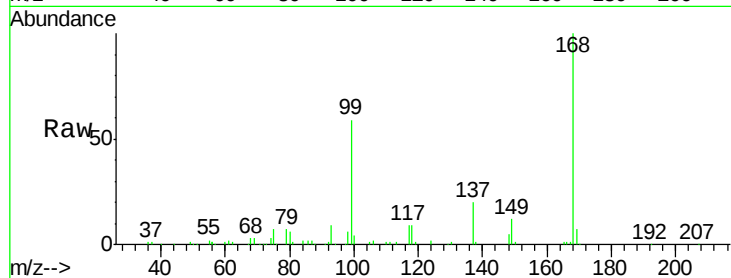
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 263899

Ion Ratio Lower Upper

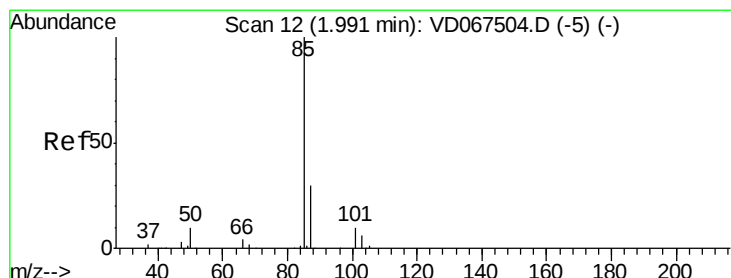
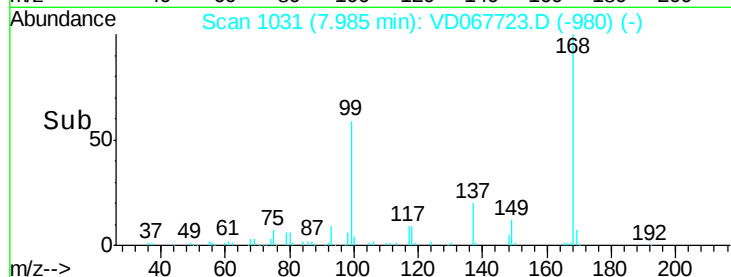
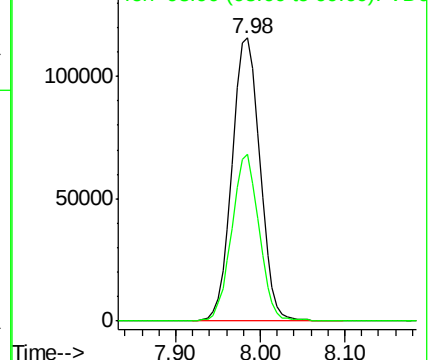
168 100

99 58.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067723.D

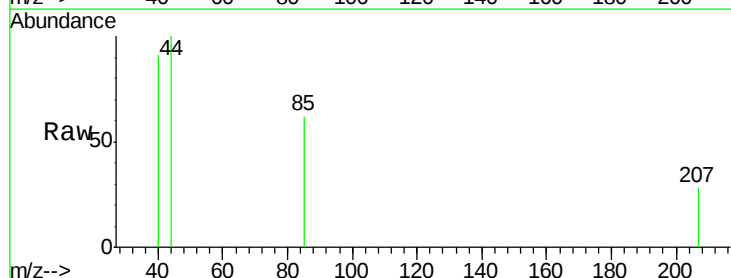
Acq: 20 Nov 2020 14:30

Tgt Ion: 85 Resp: 420

Ion Ratio Lower Upper

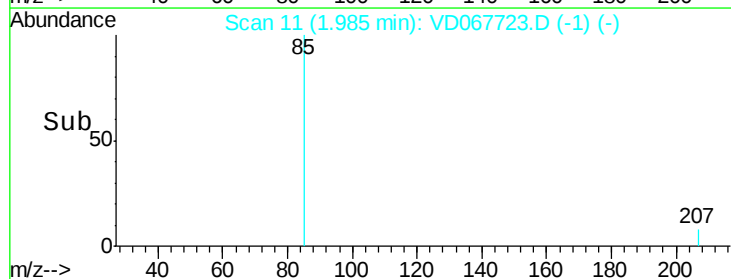
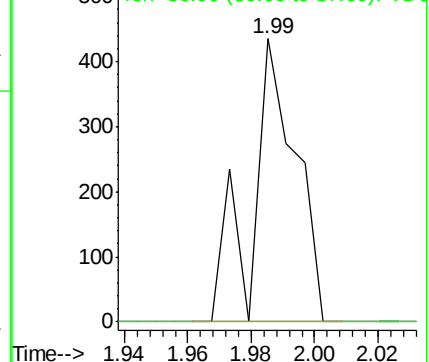
85 100

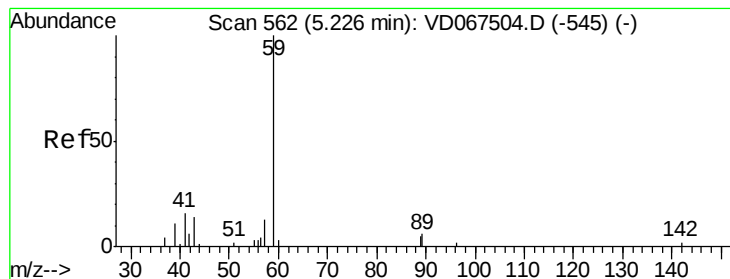
87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



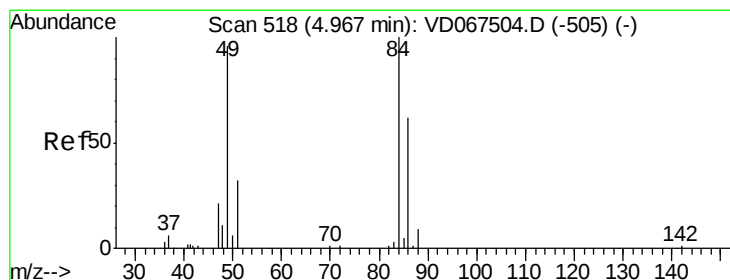
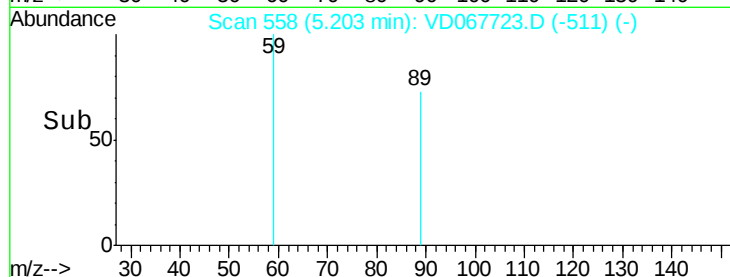
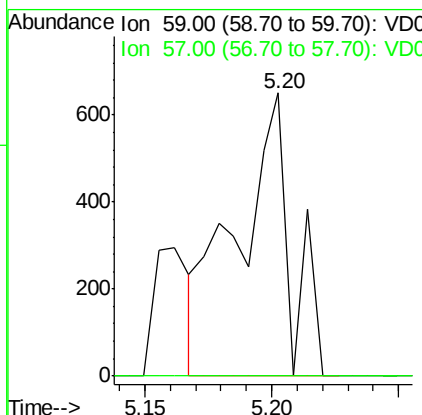
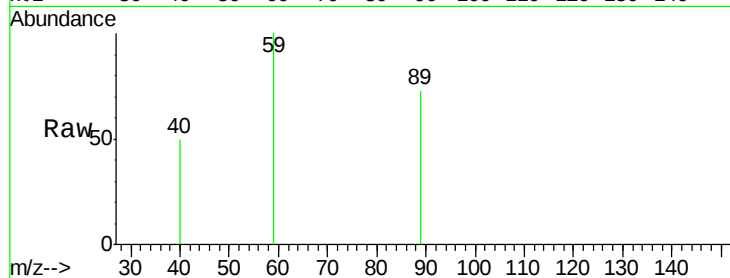


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD067723.D
 Acq: 20 Nov 2020 14:30

Instrument :
 MSVOA_D
 ClientSampleId :

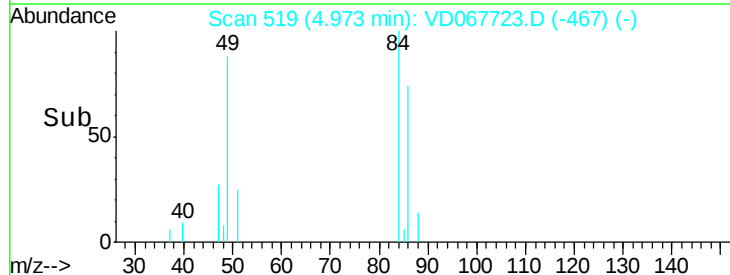
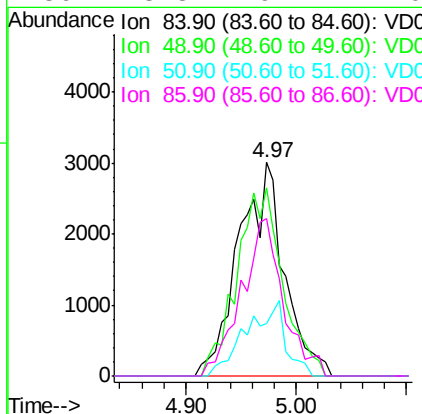
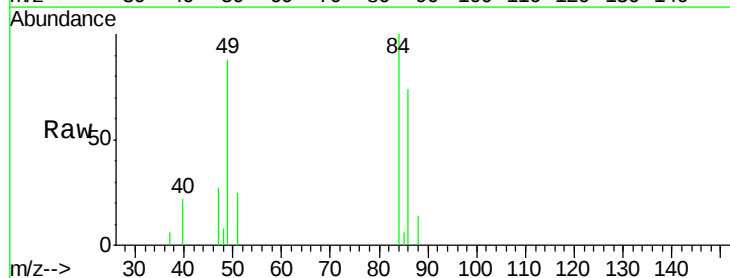
Tot Ion: 59 Resp: 972
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

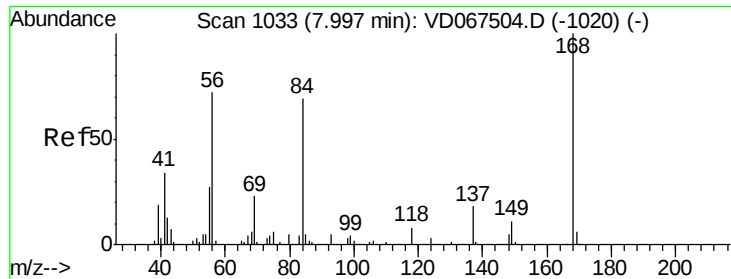


#20

Methylene Chloride
 Concen: 3.549 ug/l
 RT: 4.97 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VD067723.D
 Acq: 20 Nov 2020 14:30

Tgt Ion: 84 Resp: 8657
 Ion Ratio Lower Upper
 84 100
 49 88.4 77.0 115.4
 51 24.5 25.4 38.2#
 86 73.8 49.4 74.0

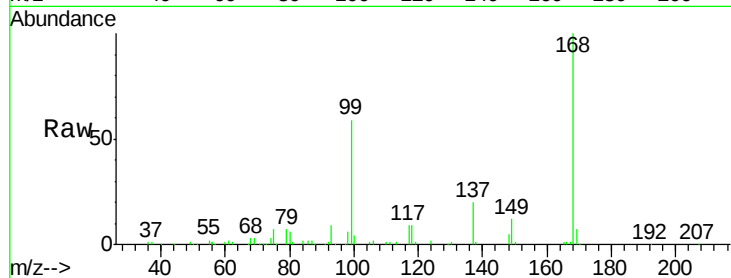




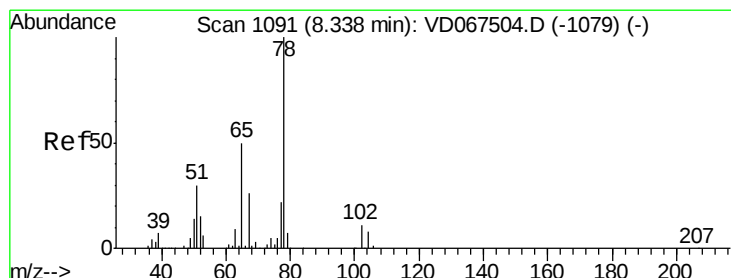
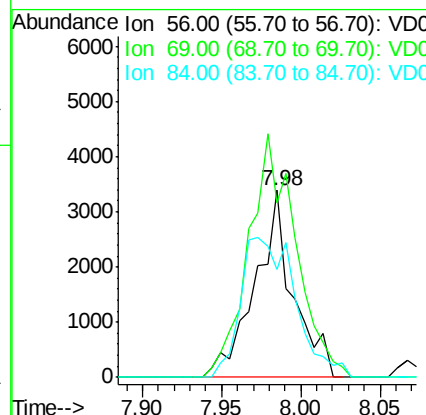
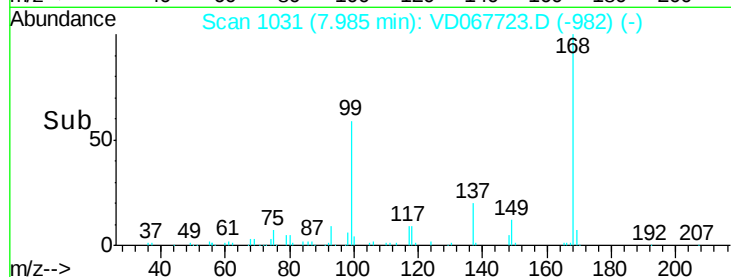
#31
Cyclohexane
Concen: 1.684 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067723.D
Acq: 20 Nov 2020 14:30

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 5635
Ion Ratio Lower Upper
56 100
69 93.3 25.9 38.9#
84 57.7 76.2 114.4#

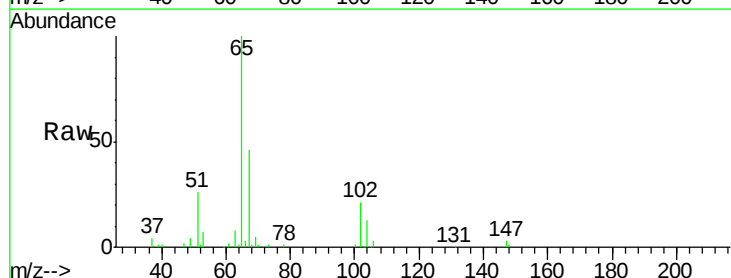


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

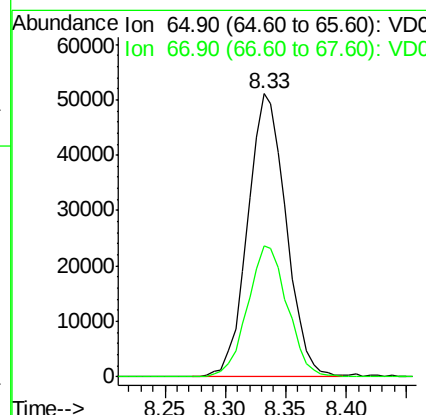
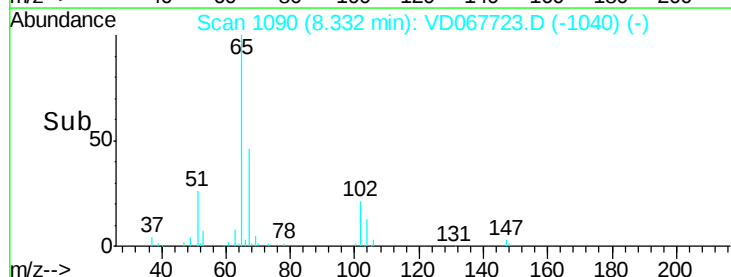


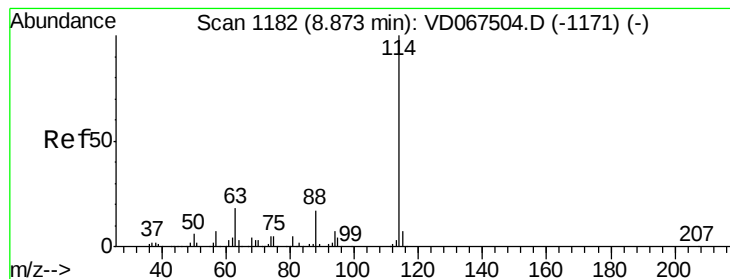
#33
1,2-Dichloroethane-d4
Concen: 48.970 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067723.D
Acq: 20 Nov 2020 14:30

Tgt Ion: 65 Resp: 112999
Ion Ratio Lower Upper
65 100
67 47.9 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: VD067723.D

Acq: 20 Nov 2020 14:30

Instrument :

MSVOA_D

ClientSampled :

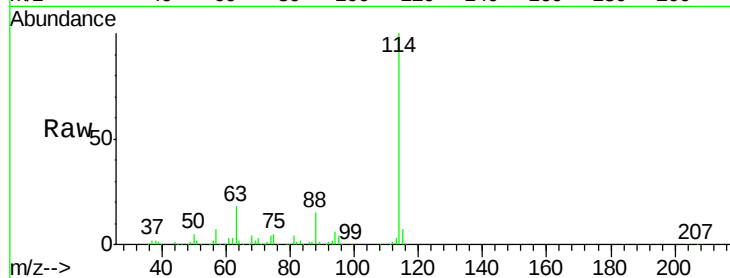
Tot Ion:114 Resp: 404324

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

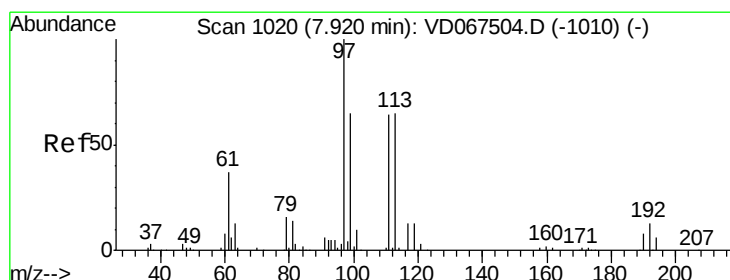
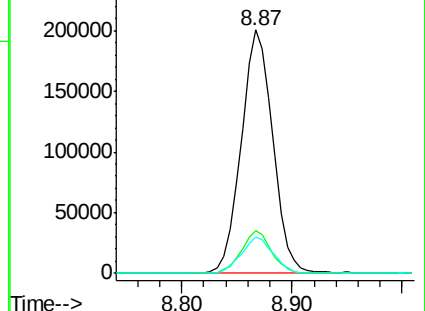
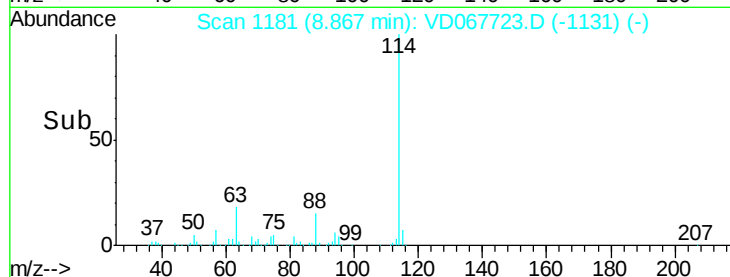
88 15.1 0.0 33.0



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: 43.537 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067723.D

Acq: 20 Nov 2020 14:30

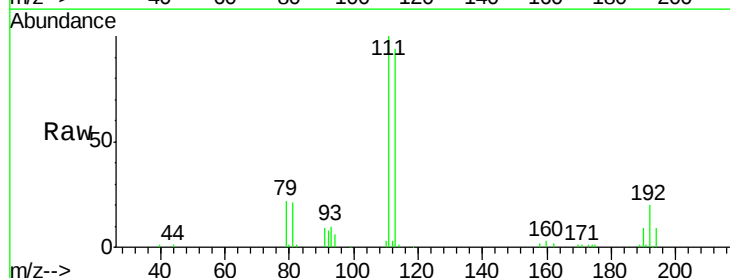
Tgt Ion:113 Resp: 106058

Ion Ratio Lower Upper

113 100

111 101.3 80.0 120.0

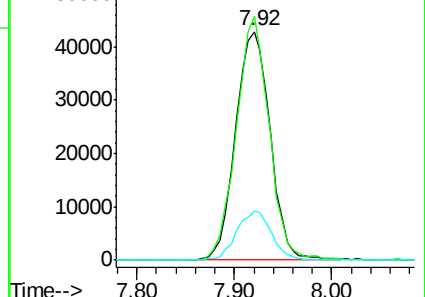
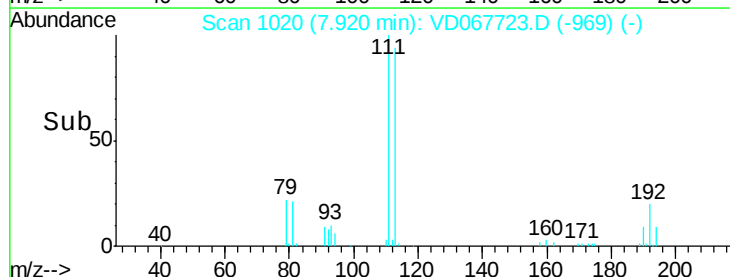
192 21.4 16.3 24.5

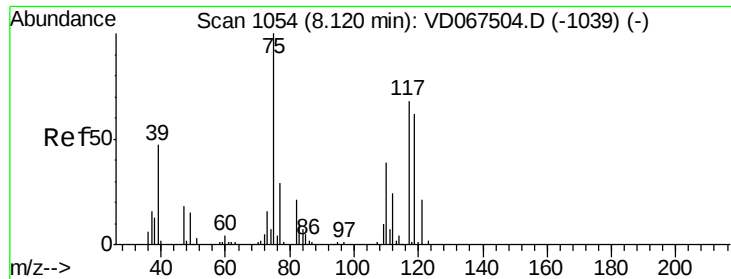


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.182 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.14 min

Lab File: VD067723.D

Acq: 20 Nov 2020 14:30

Instrument :
MSVOA_D
ClientSampled :

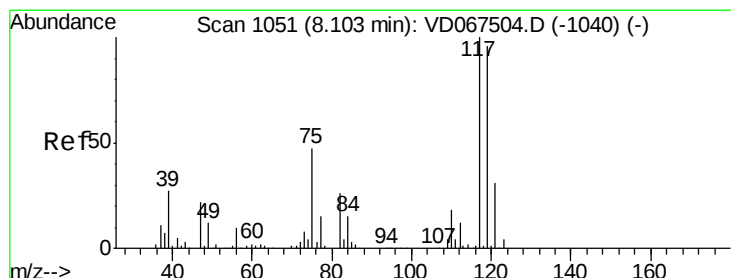
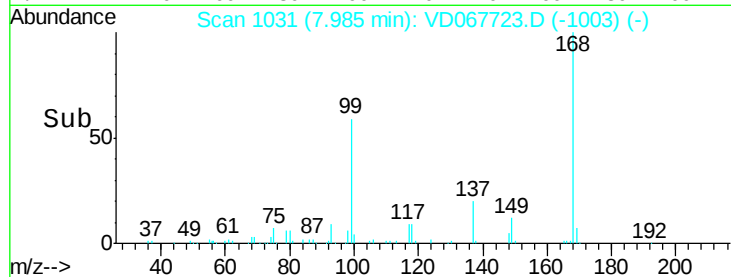
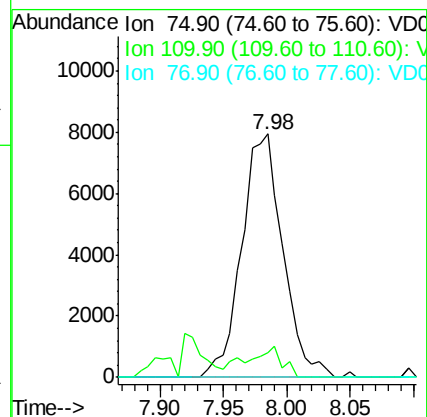
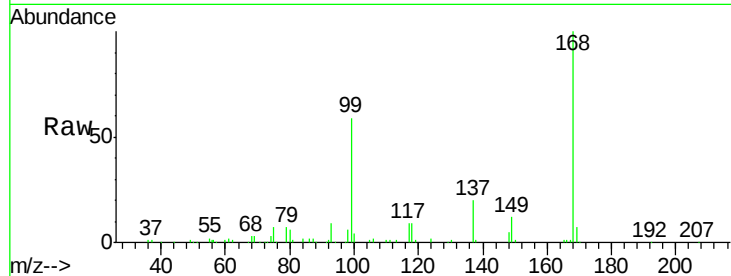
Tot Ion: 75 Resp: 17934

Ion Ratio Lower Upper

75 100

110 7.7 19.9 59.7#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.185 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD067723.D

Acq: 20 Nov 2020 14:30

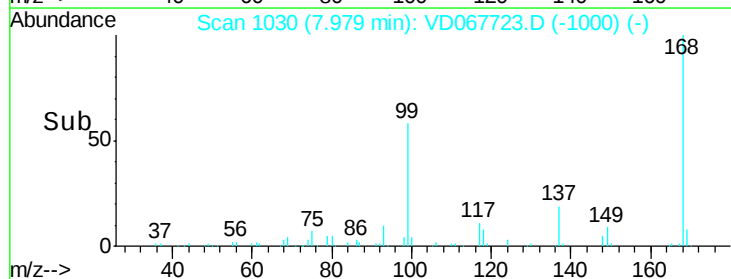
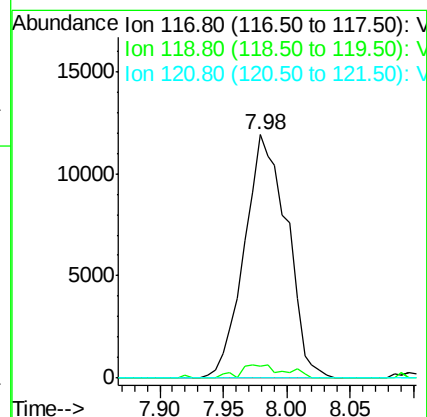
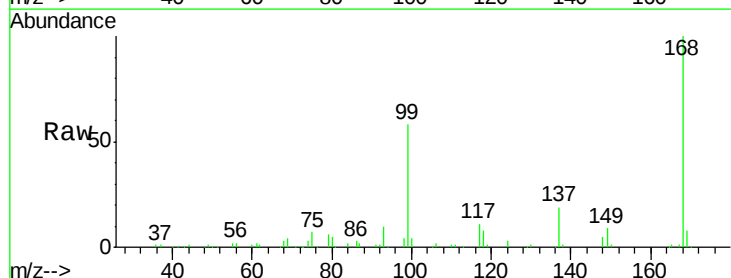
Tgt Ion: 117 Resp: 27813

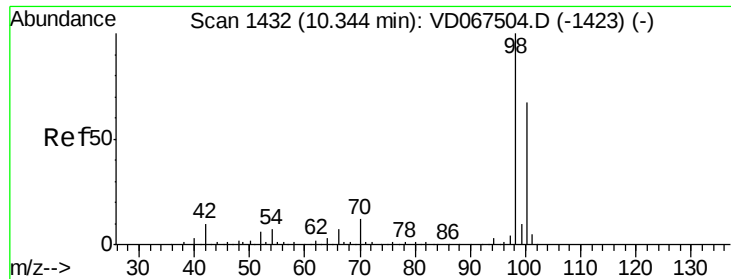
Ion Ratio Lower Upper

117 100

119 5.2 76.9 115.3#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 56.417 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067723.D

Acq: 20 Nov 2020 14:30

Instrument :

MSVOA_D

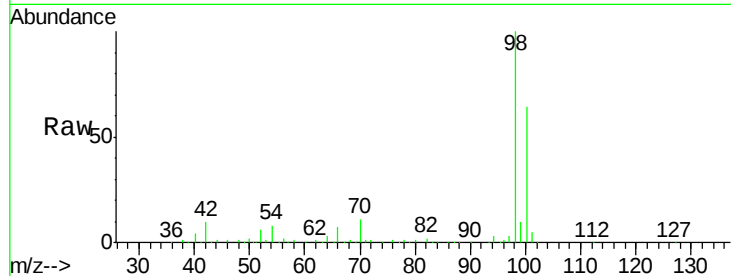
ClientSampleId :

Tot Ion: 98 Resp: 482979

Ion Ratio Lower Upper

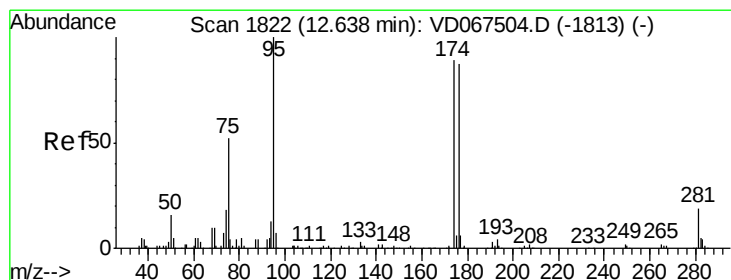
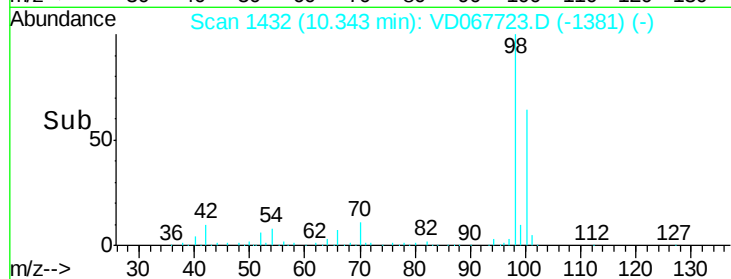
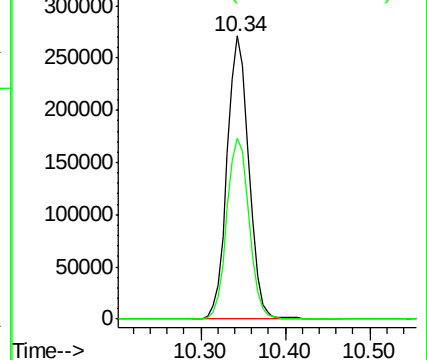
98 100

100 65.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 65.316 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067723.D

Acq: 20 Nov 2020 14:30

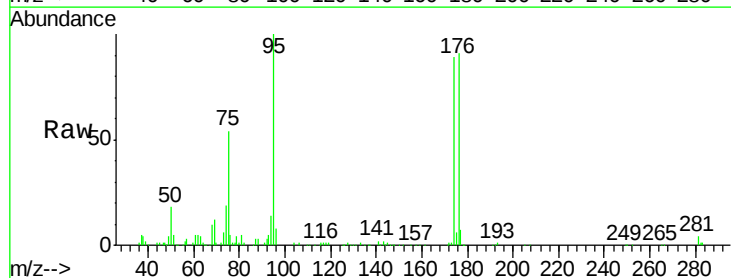
Tgt Ion: 95 Resp: 193048

Ion Ratio Lower Upper

95 100

174 91.7 0.0 177.8

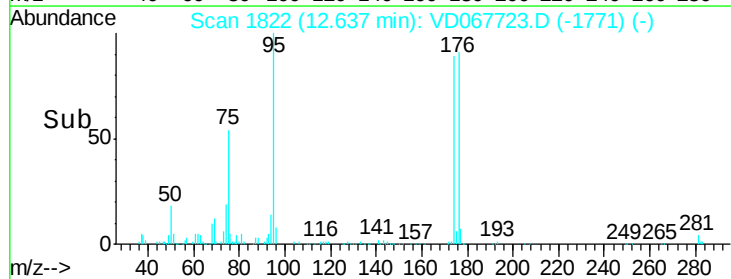
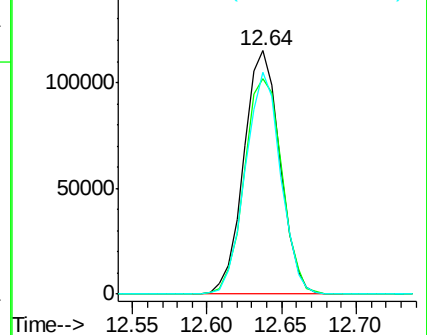
176 88.9 0.0 172.0

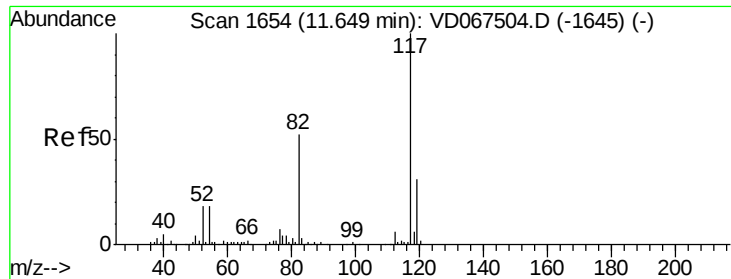


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

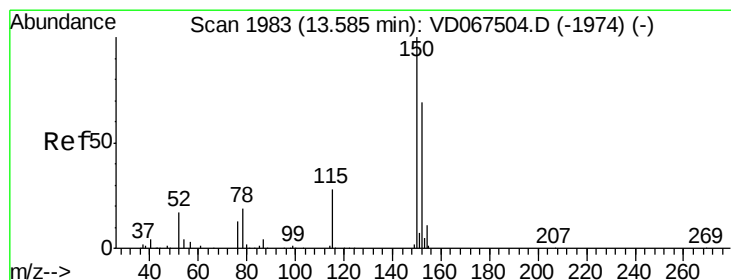
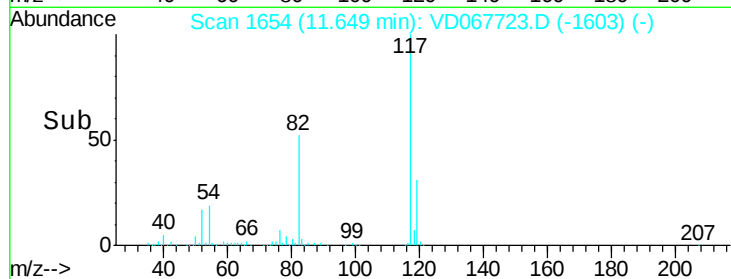
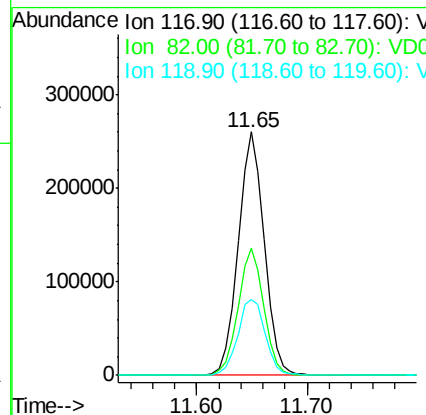
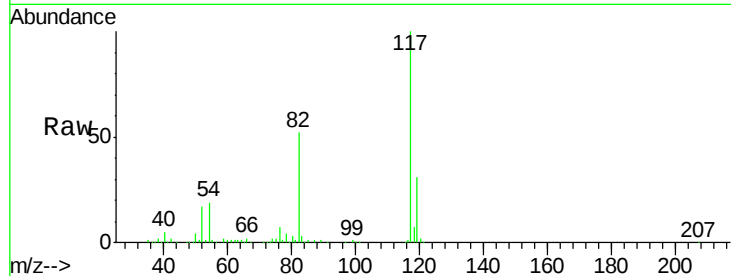




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067723.D
Acq: 20 Nov 2020 14:30

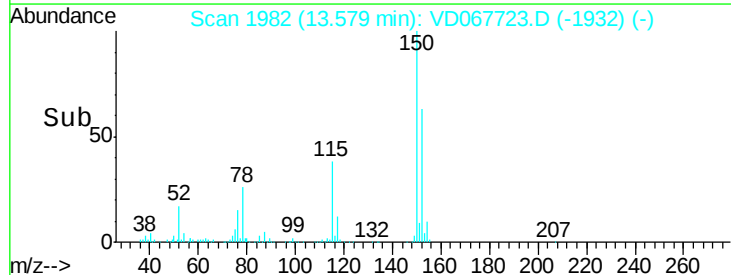
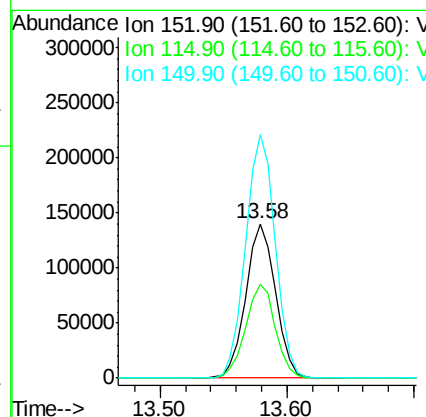
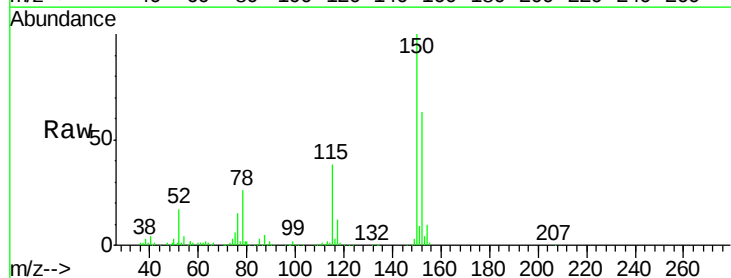
Instrument :
MSVOA_D
ClientSampleId :

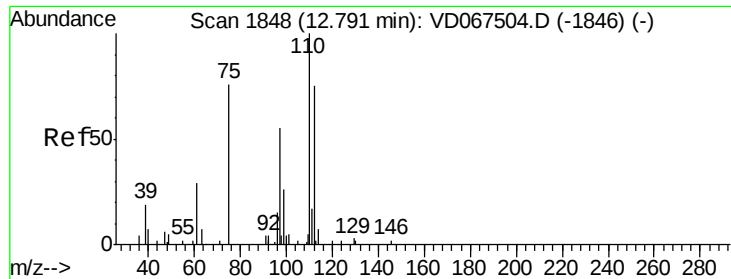
Tot Ion:117 Resp: 432125
Ion Ratio Lower Upper
117 100
82 52.1 41.6 62.4
119 31.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067723.D
Acq: 20 Nov 2020 14:30

Tgt Ion:152 Resp: 227838
Ion Ratio Lower Upper
152 100
115 60.3 29.3 88.0
150 157.5 0.0 338.2

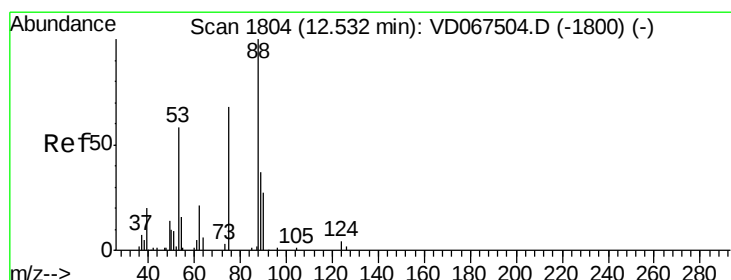
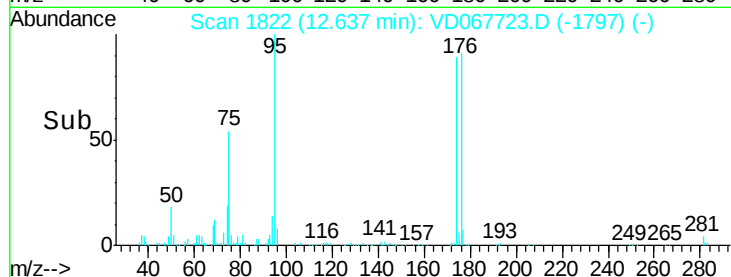
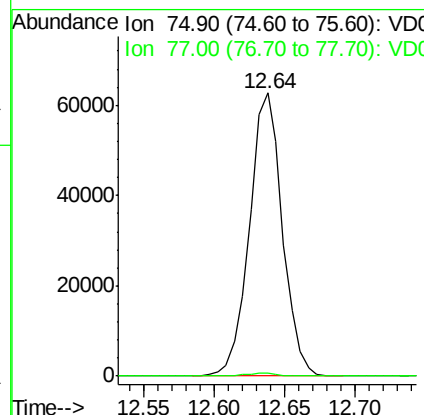
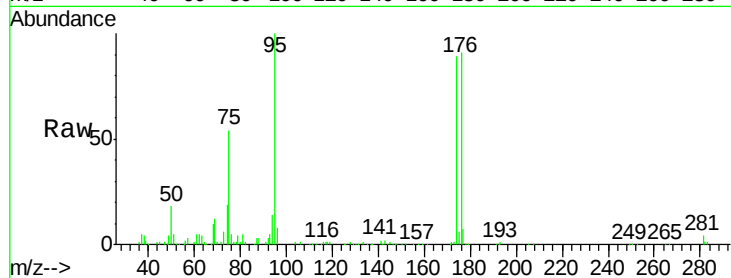




#76
 1,2,3-Trichloropropane
 Concen: 74.602 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067723.D
 Acq: 20 Nov 2020 14:30

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 102537
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.462 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067723.D
 Acq: 20 Nov 2020 14:30

Tgt Ion: 75 Resp: 102537
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.9 113.9#
 89 0.0 44.6 67.0#

