

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067563.D
 Acq On : 09 Nov 2020 14:01
 Operator : VA/SY
 Sample : L4658-07
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:19:44 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	273464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	442864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	444479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	195597	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	135482	56.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.32%	
35) Dibromofluoromethane	7.92	113	139754	52.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.76%	
50) Toluene-d8	10.34	98	513569	54.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.54%	
62) 4-Bromofluorobenzene	12.64	95	199612	61.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	123.32%	

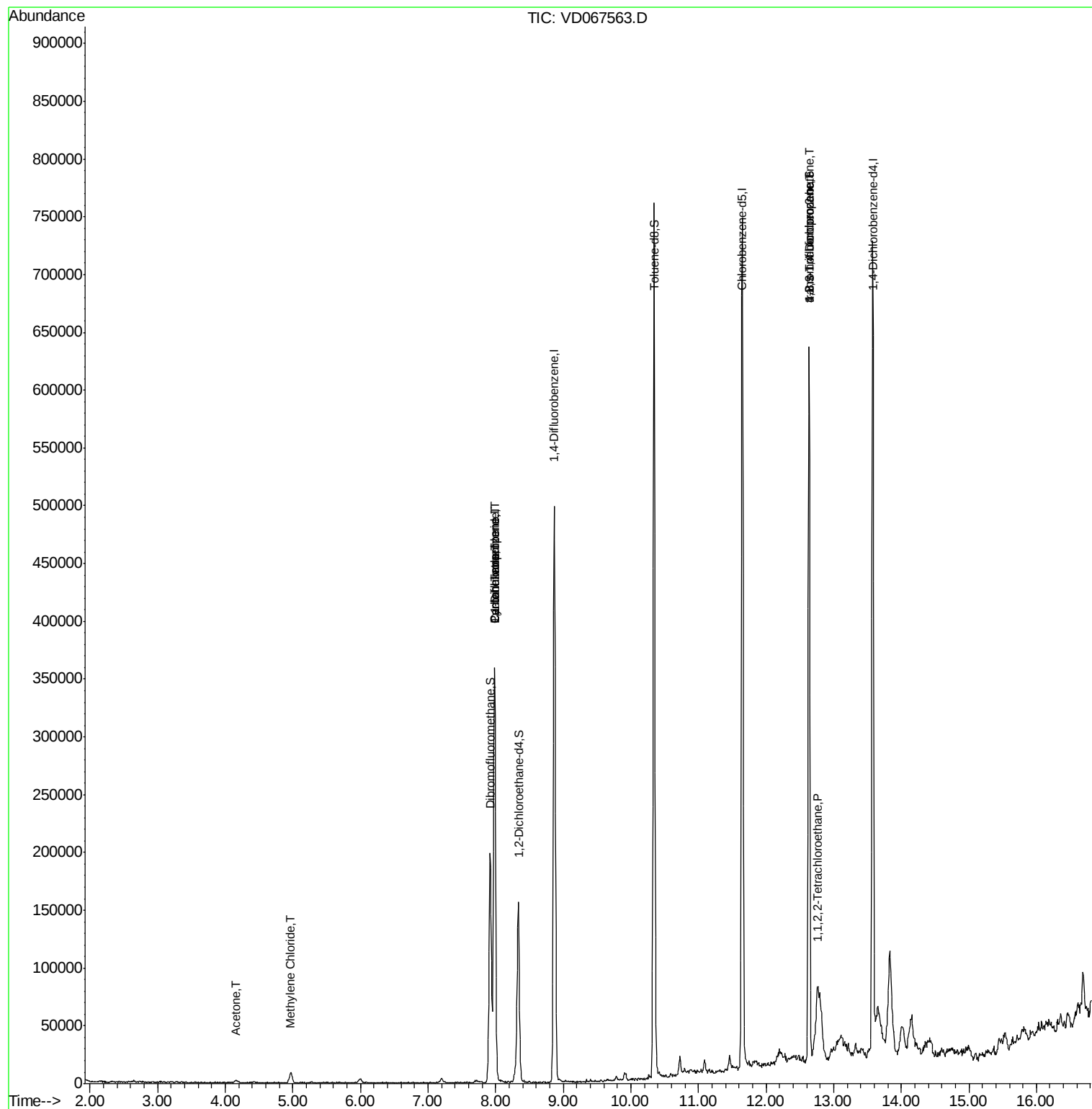
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	342	Below Cal	#	44
11) Tert butyl alcohol	5.20	59	55	Below Cal	#	79
16) Acetone	4.16	43	4051	11.321	ug/l #	58
20) Methylene Chloride	4.97	84	7304	2.890	ug/l #	75
31) Cyclohexane	7.98	56	5528	1.594	ug/l #	28
36) 1,1-Dichloropropene	7.98	75	18596	4.906	ug/l #	52
38) Carbon Tetrachloride	7.98	117	27382	5.559	ug/l #	17
75) 1,1,2,2-Tetrachloroethane	12.77	83	15218	8.828	ug/l #	28
76) 1,2,3-Trichloropropane	12.64	75	104411	88.488	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	104411	179.653	ug/l #	11

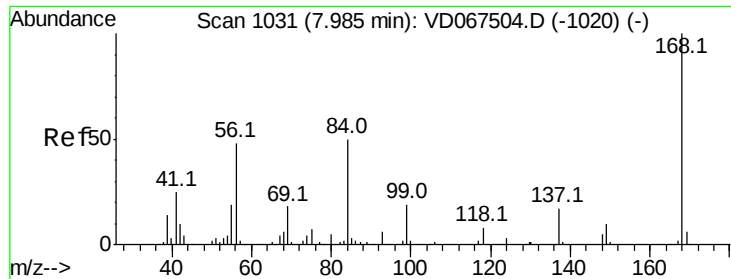
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110920\
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Quant Time: Nov 10 00:19:44 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: VD067563.D

Acq: 09 Nov 2020 14:01

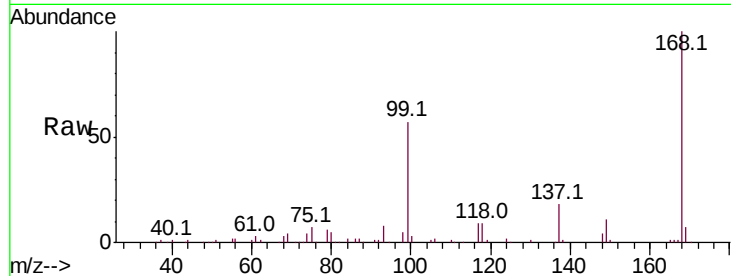
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 273464

Ion Ratio Lower Upper

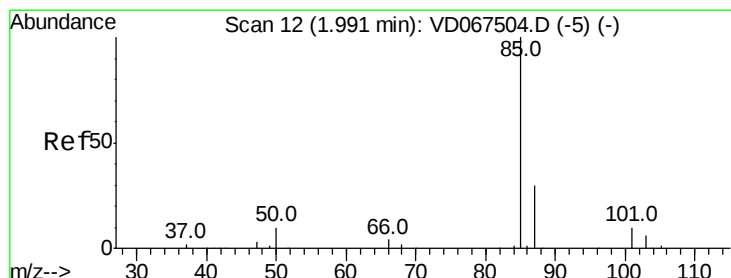
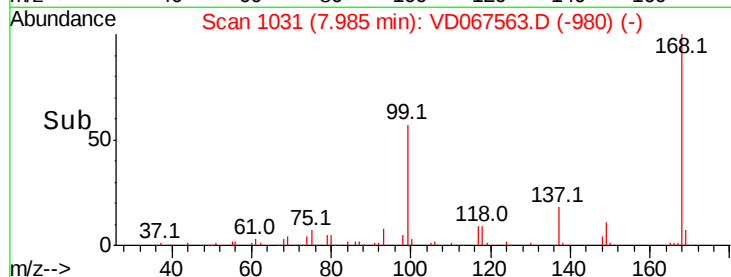
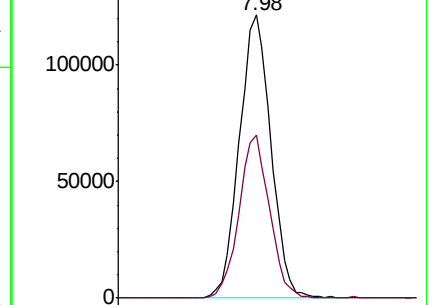
168 100

99 57.5 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# 12

Delta R.T. 0.00 min

Lab File: VD067563.D

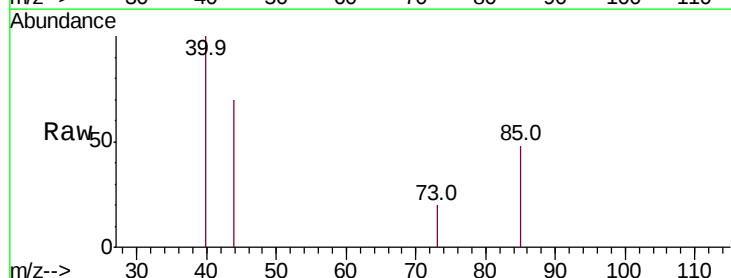
Acq: 09 Nov 2020 14:01

Tgt Ion: 85 Resp: 342

Ion Ratio Lower Upper

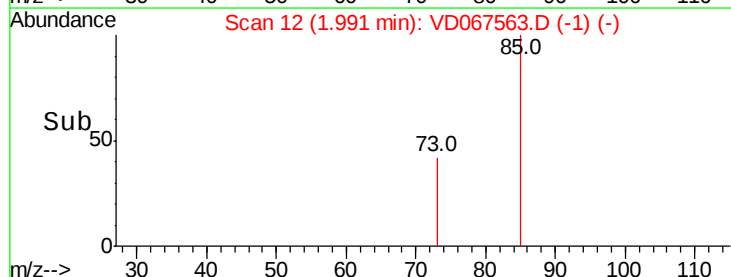
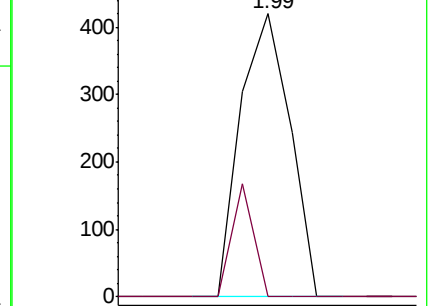
85 100

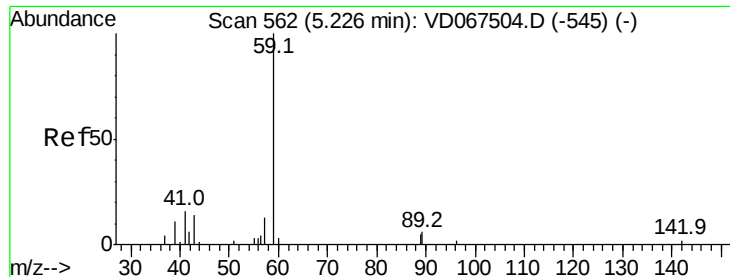
87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



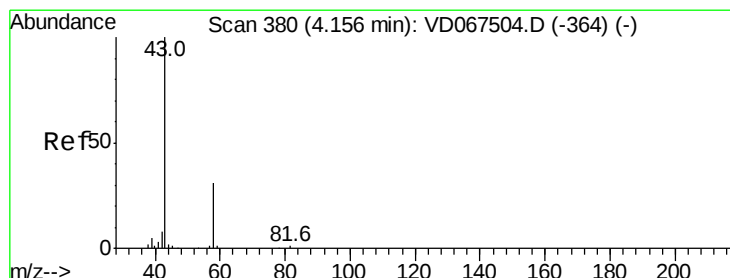
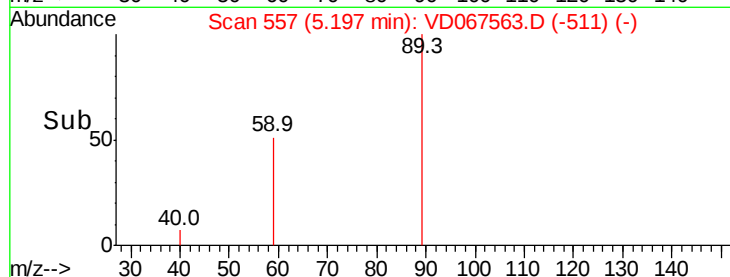
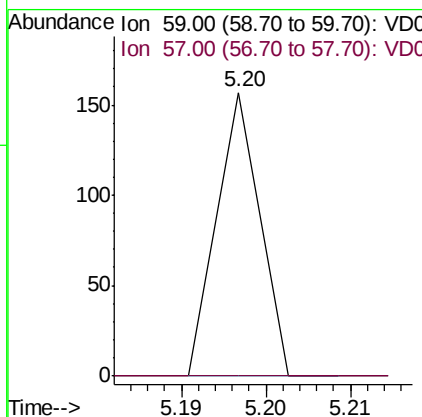
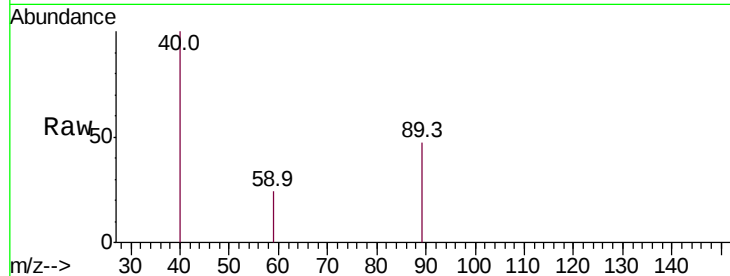


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: VD067563.D
 Acq: 09 Nov 2020 14:01

Instrument :
 MSVOA_D
 ClientSampleId :

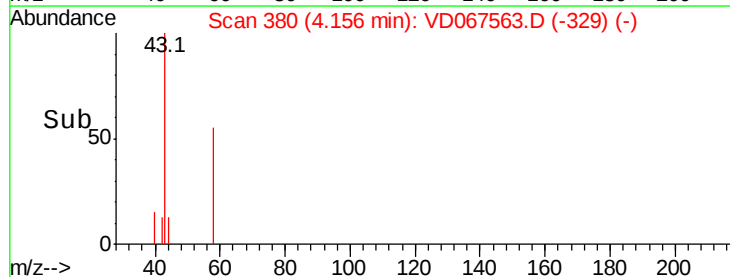
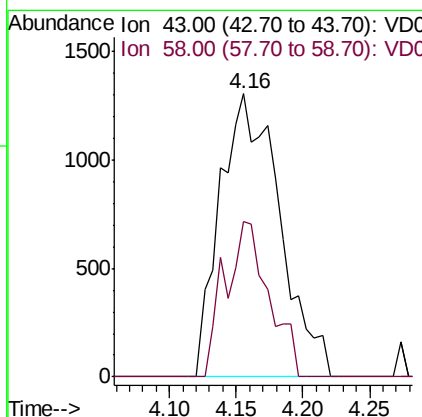
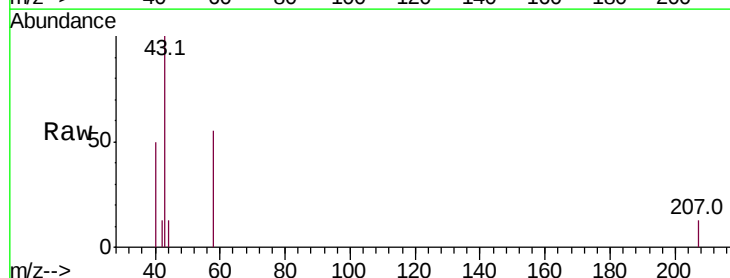
Tot Ion: 59 Resp: 55
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

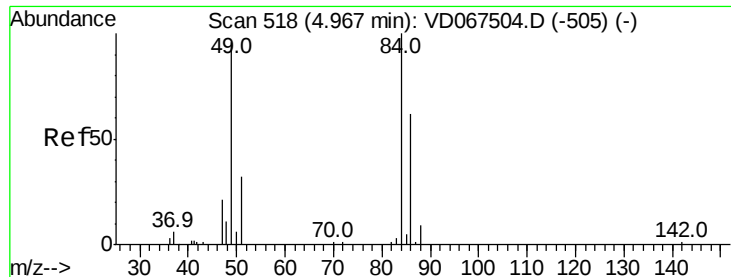


#16

Acetone
 Concen: 11.321 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VD067563.D
 Acq: 09 Nov 2020 14:01

Tgt Ion: 43 Resp: 4051
 Ion Ratio Lower Upper
 43 100
 58 54.9 25.2 37.8#

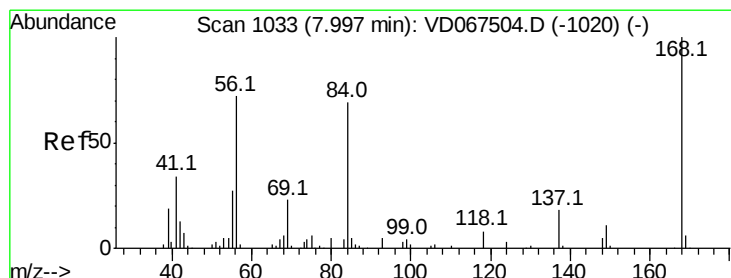
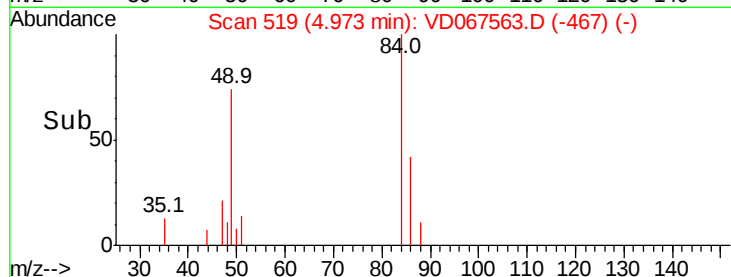
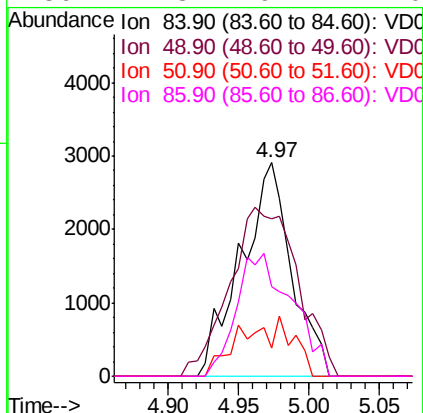
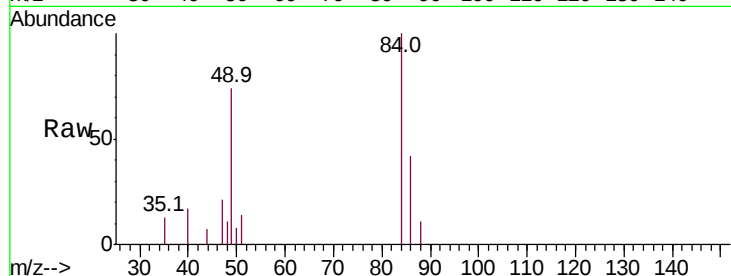




#20
Methvlene Chloride
Concen: 2.890 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067563.D
Acq: 09 Nov 2020 14:01

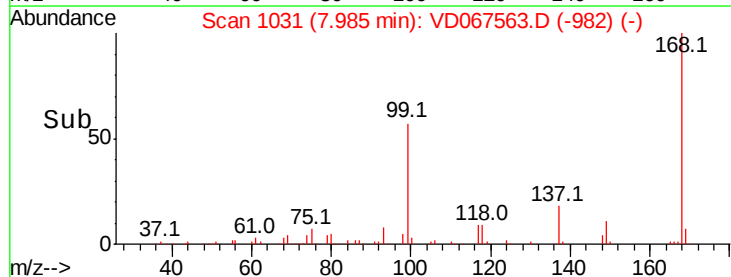
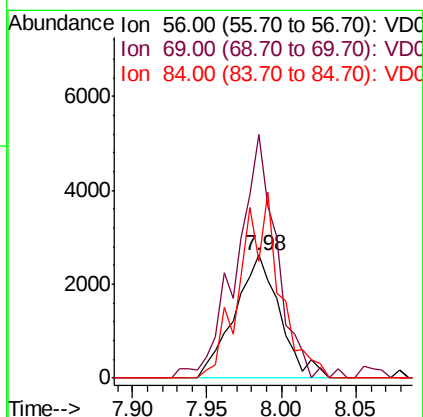
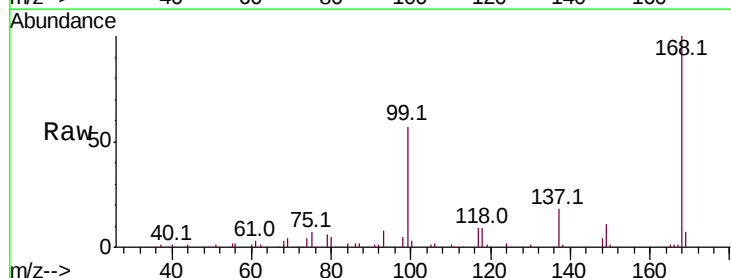
Instrument :
MSVOA_D
ClientSampleId :

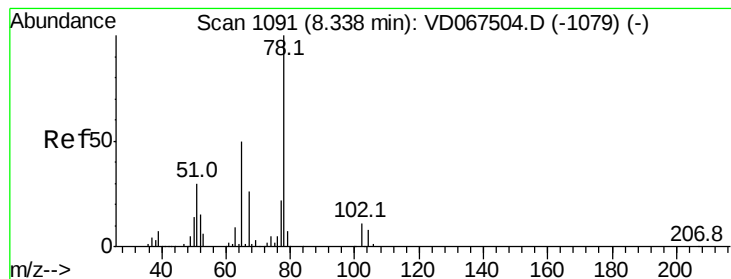
Tot Ion: 84 Resp: 7304
Ion Ratio Lower Upper
84 100
49 73.8 77.0 115.4#
51 13.5 25.4 38.2#
86 42.3 49.4 74.0#



#31
Cyclohexane
Concen: 1.594 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067563.D
Acq: 09 Nov 2020 14:01

Tgt Ion: 56 Resp: 5528
Ion Ratio Lower Upper
56 100
69 190.7 25.9 38.9#
84 95.0 76.2 114.4





#33

1,2-Dichloroethane-d4

Concen: 56.660 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067563.D

Acq: 09 Nov 2020 14:01

Instrument :

MSVOA_D

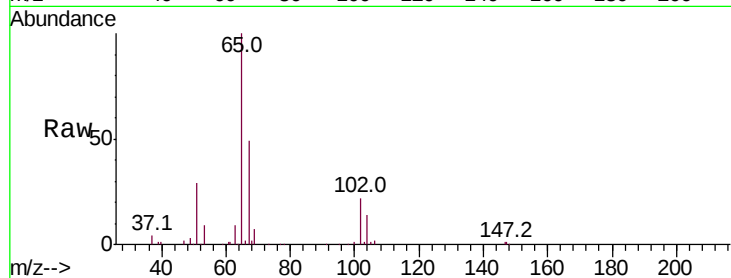
ClientSampleId :

Tot Ion: 65 Resp: 135482

Ion Ratio Lower Upper

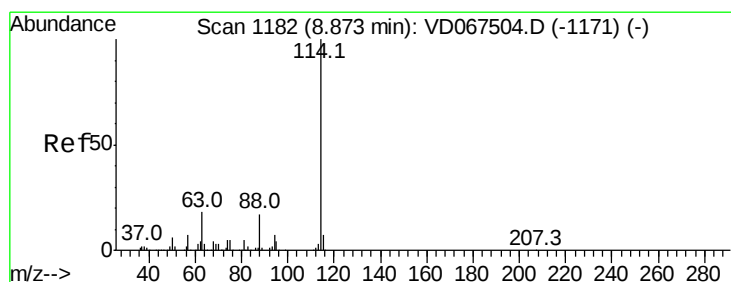
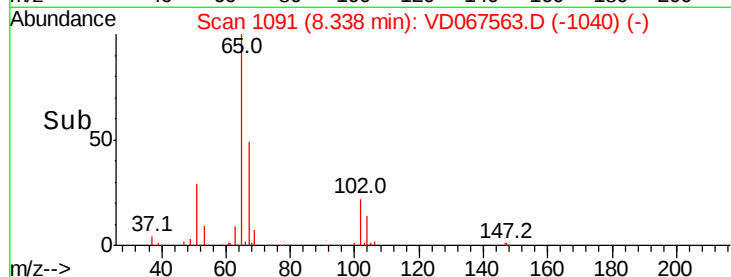
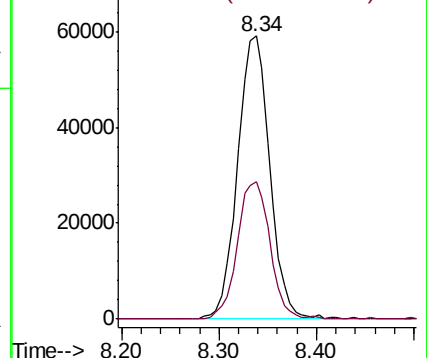
65 100

67 49.1 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: VD067563.D

Acq: 09 Nov 2020 14:01

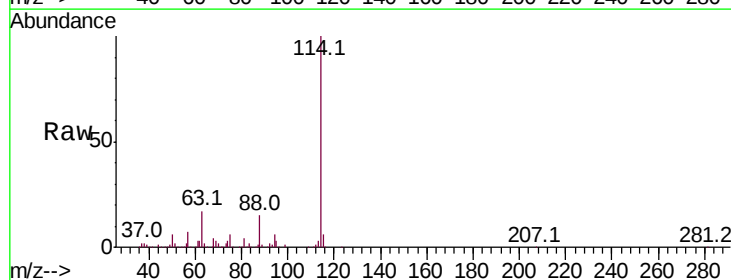
Tgt Ion: 114 Resp: 442864

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

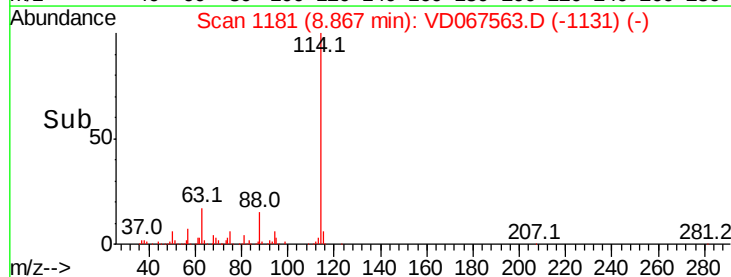
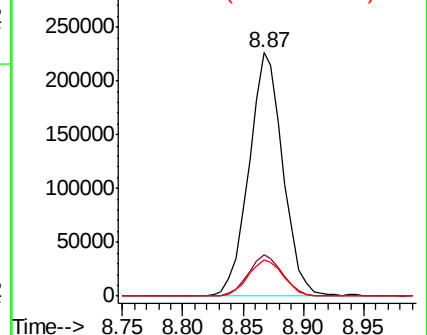
88 15.0 0.0 33.0

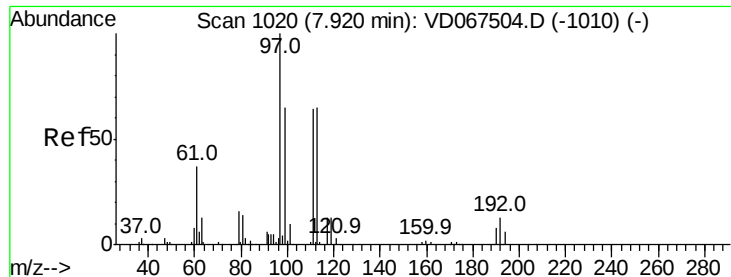


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

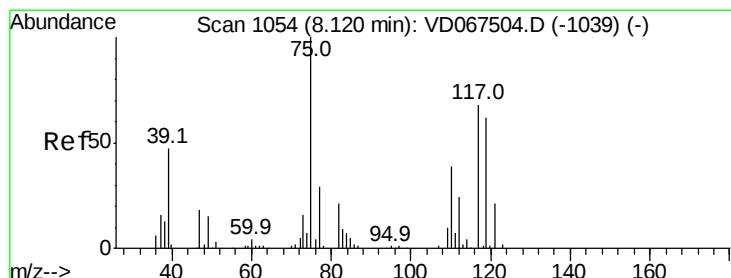
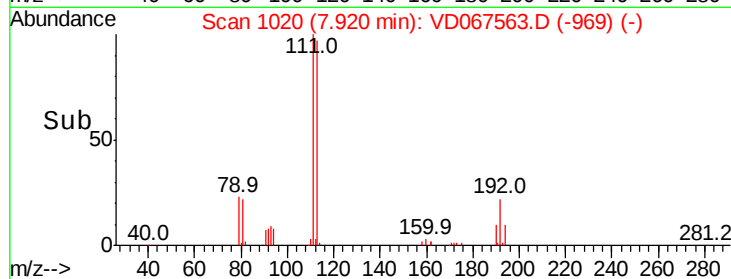
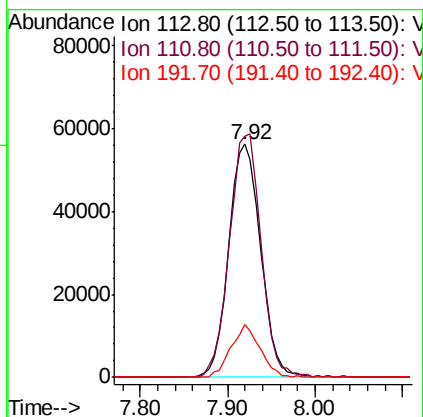
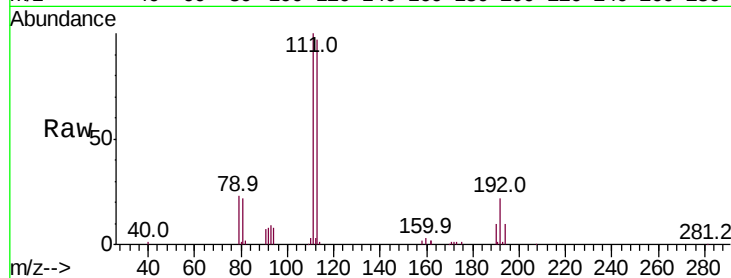




#35
Dibromofluoromethane
Concen: 52.377 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067563.D
Acq: 09 Nov 2020 14:01

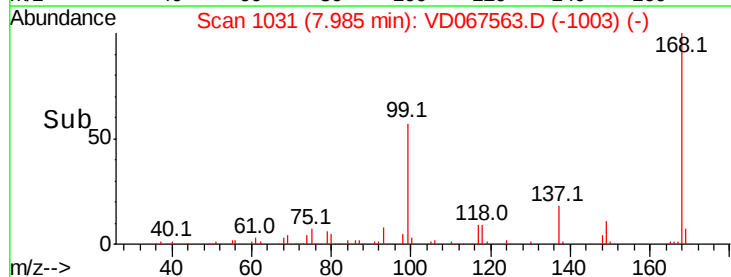
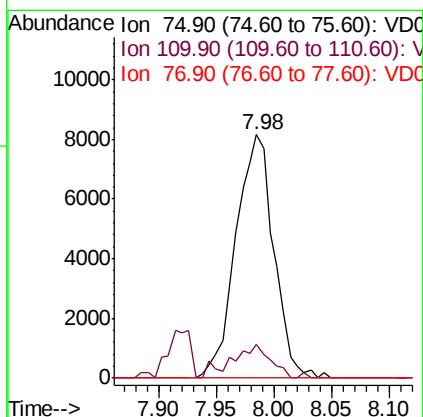
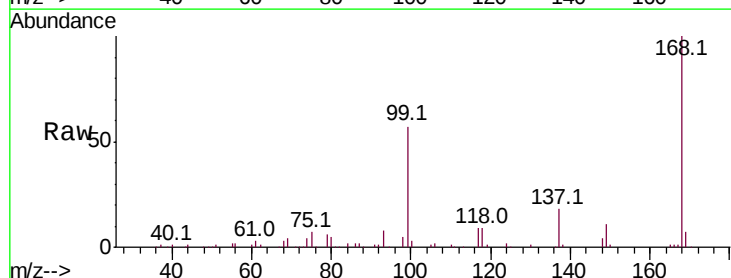
Instrument :
MSVOA_D
ClientSampleId :

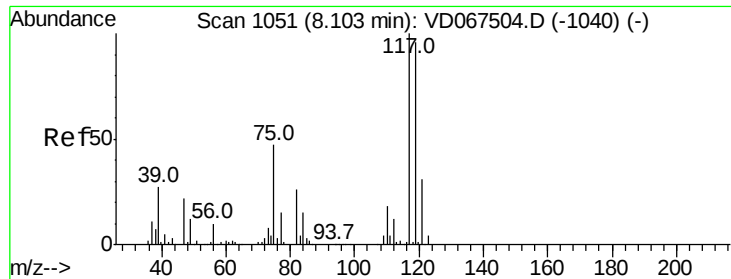
Tot Ion:113 Resp: 139754
Ion Ratio Lower Upper
113 100
111 103.2 80.0 120.0
192 20.4 16.3 24.5



#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.14 min
Lab File: VD067563.D
Acq: 09 Nov 2020 14:01

Tgt Ion: 75 Resp: 18596
Ion Ratio Lower Upper
75 100
110 14.1 19.9 59.7#
77 0.0 24.8 37.2#

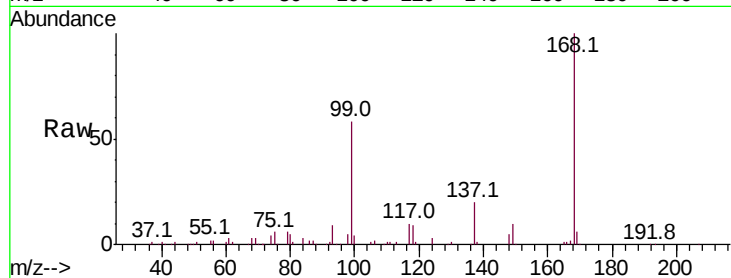




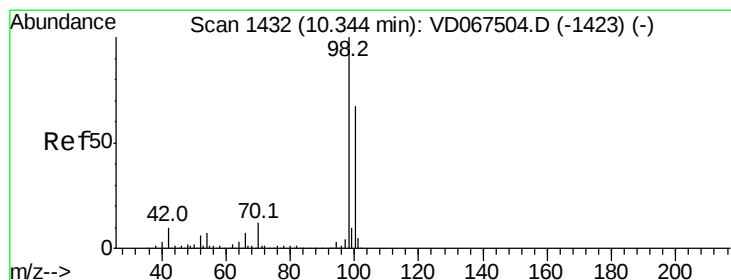
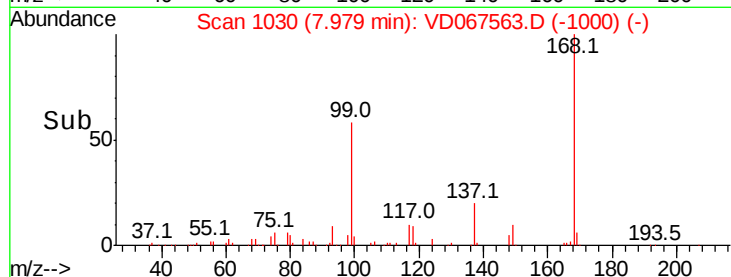
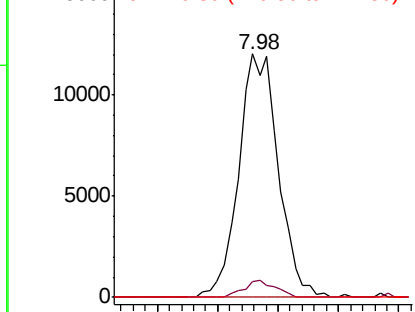
#38
Carbon Tetrachloride
Concen: 5.559 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD067563.D
Acq: 09 Nov 2020 14:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 27382
Ion Ratio Lower Upper
117 100
119 6.5 76.9 115.3#
121 0.0 24.5 36.7#

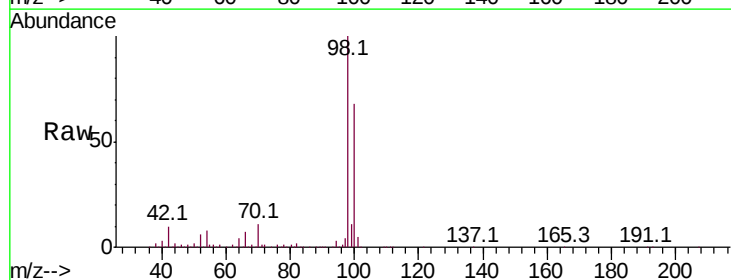


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

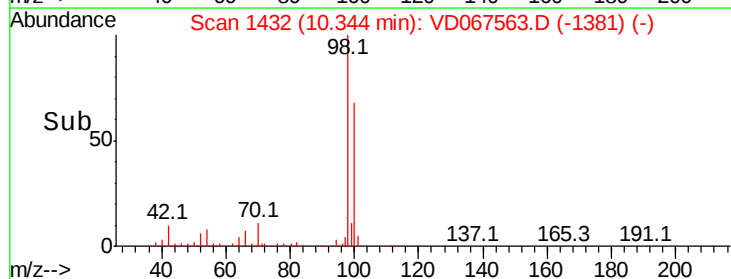
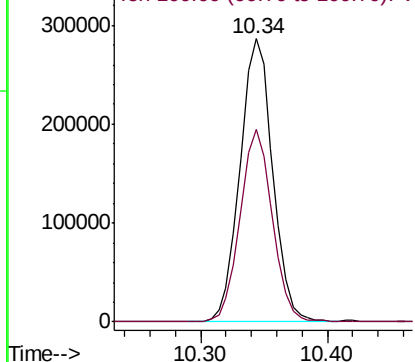


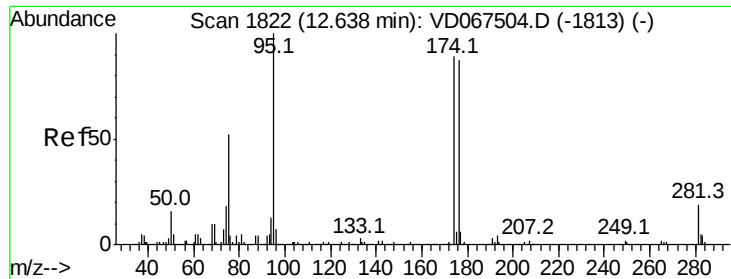
#50
Toluene-d8
Concen: 54.770 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067563.D
Acq: 09 Nov 2020 14:01

Tgt Ion: 98 Resp: 513569
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

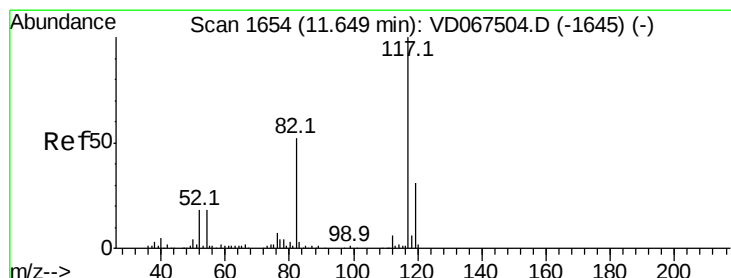
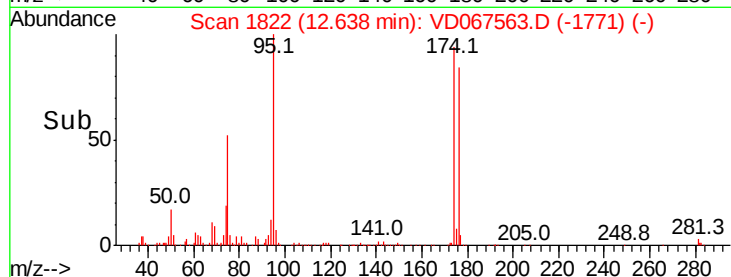
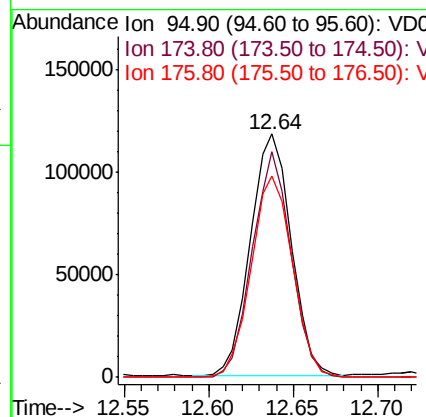
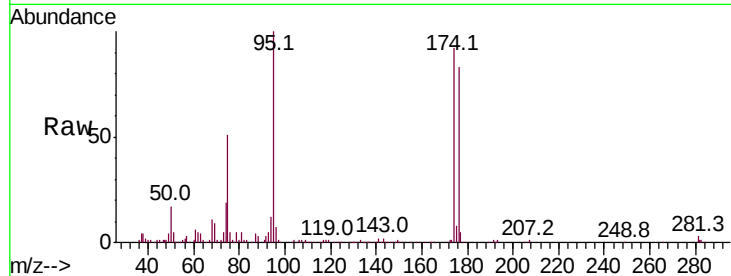




#62
4-Bromofluorobenzene
Concen: 61.660 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067563.D
Acq: 09 Nov 2020 14:01

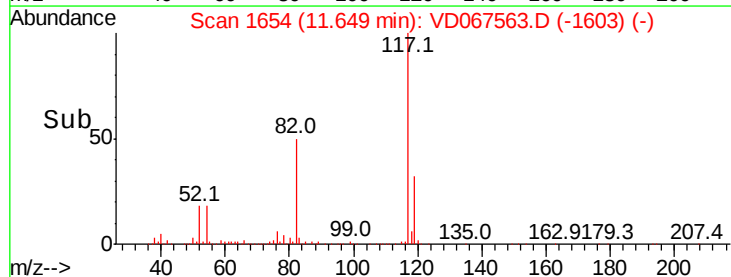
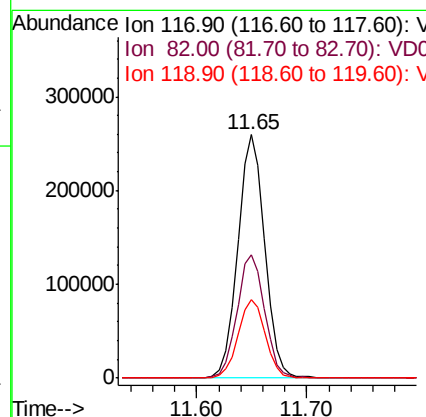
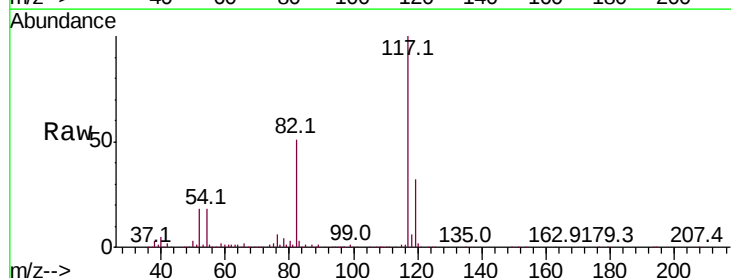
Instrument :
MSVOA_D
ClientSampleId :

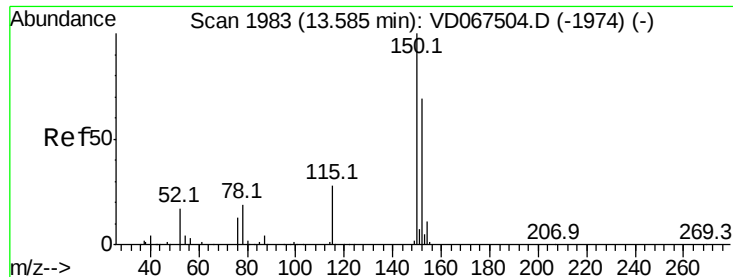
Tot Ion: 95 Resp: 199612
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.8
176 83.8 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067563.D
Acq: 09 Nov 2020 14:01

Tgt Ion: 117 Resp: 444479
Ion Ratio Lower Upper
117 100
82 50.5 41.6 62.4
119 32.4 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: VD067563.D

Acq: 09 Nov 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

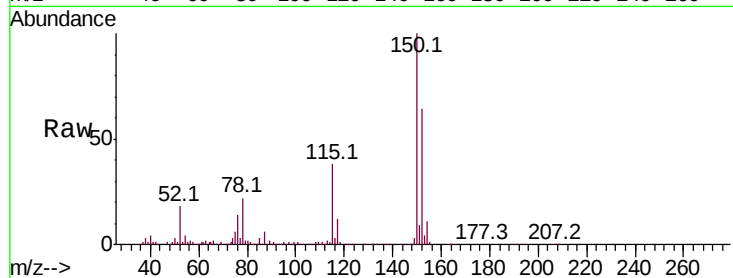
Tot Ion:152 Resp: 195597

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

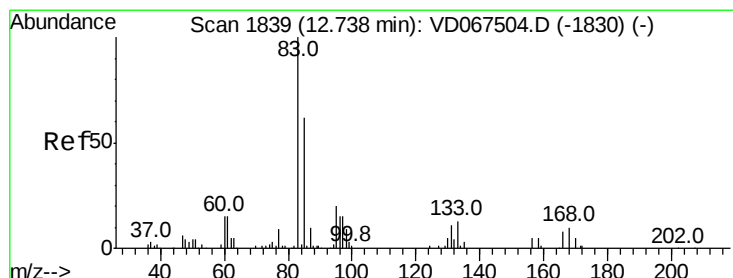
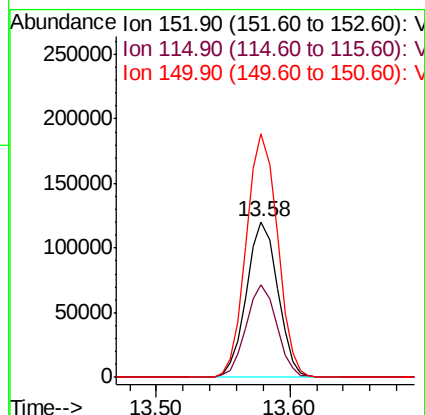
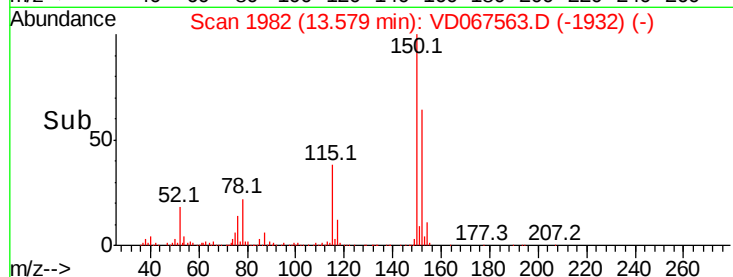
150 156.3 0.0 338.2



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



#75

1,1,2,2-Tetrachloroethane

Concen: 8.828 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.03 min

Lab File: VD067563.D

Acq: 09 Nov 2020 14:01

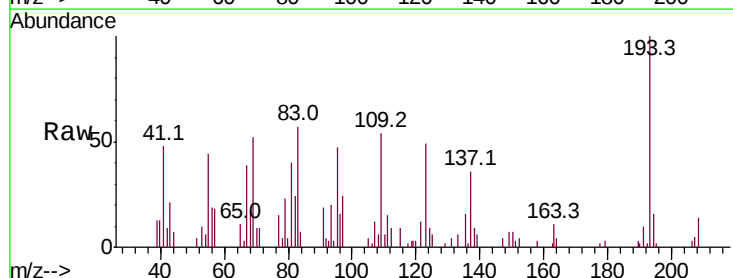
Tgt Ion: 83 Resp: 15218

Ion Ratio Lower Upper

83 100

131 2.1 7.1 21.3#

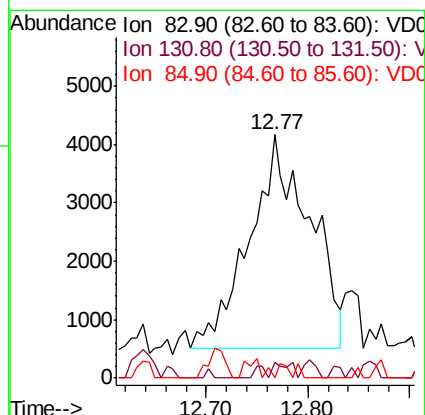
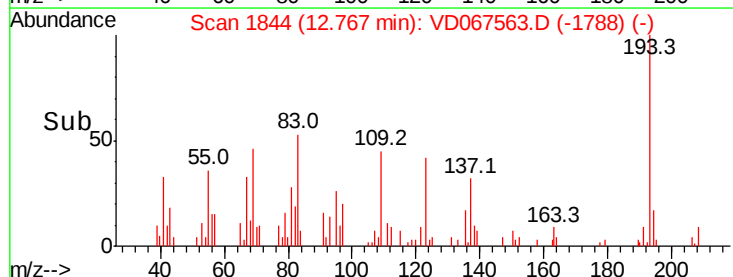
85 1.0 32.9 98.7#

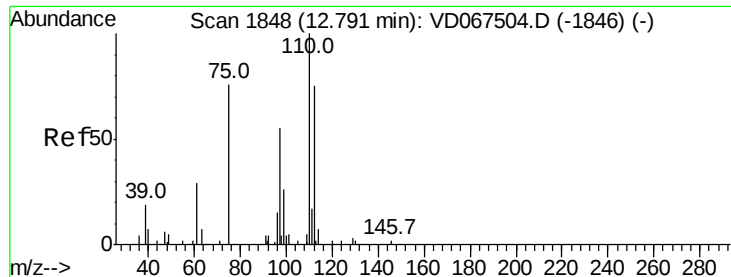


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 88.488 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067563.D

Acq: 09 Nov 2020 14:01

Instrument :

MSVOA_D

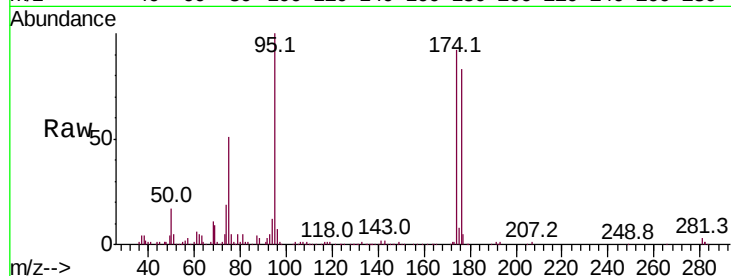
ClientSampleId :

Tot Ion: 75 Resp: 104411

Ion Ratio Lower Upper

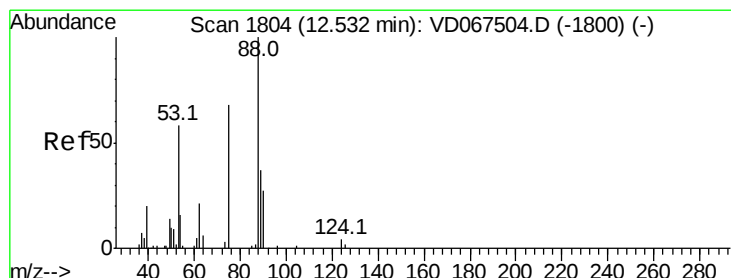
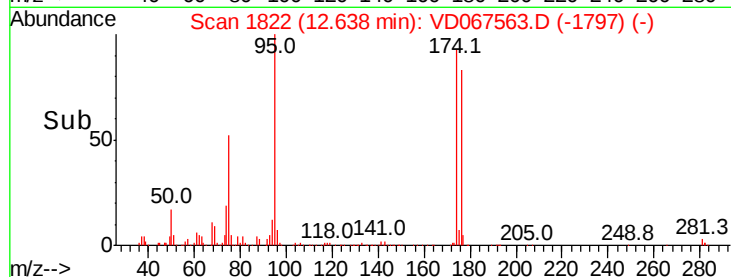
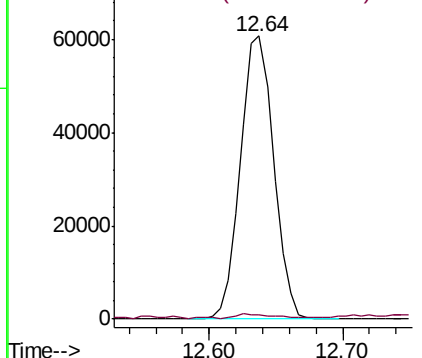
75 100

77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 179.653 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067563.D

Acq: 09 Nov 2020 14:01

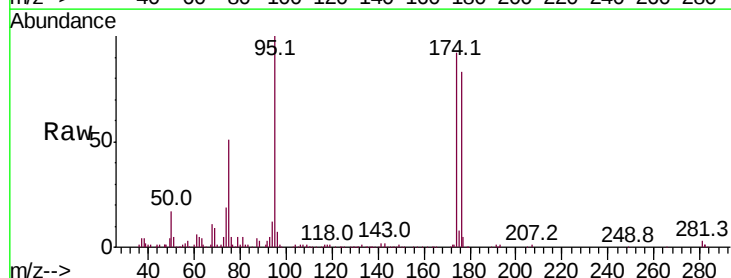
Tgt Ion: 75 Resp: 104411

Ion Ratio Lower Upper

75 100

53 0.7 75.9 113.9#

89 0.0 44.6 67.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

