

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067794.D
 Acq On : 25 Nov 2020 18:27
 Operator : VA/SY
 Sample : L4903-01
 Misc : 7.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Nov 26 00:26:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	562666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	881851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	858380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	449776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	288811	52.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.58%
35) Dibromofluoromethane	7.92	113	275759	49.14	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.28%
50) Toluene-d8	10.34	98	988519	48.18	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.36%
62) 4-Bromofluorobenzene	12.64	95	386438	55.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.20%

Target Compounds

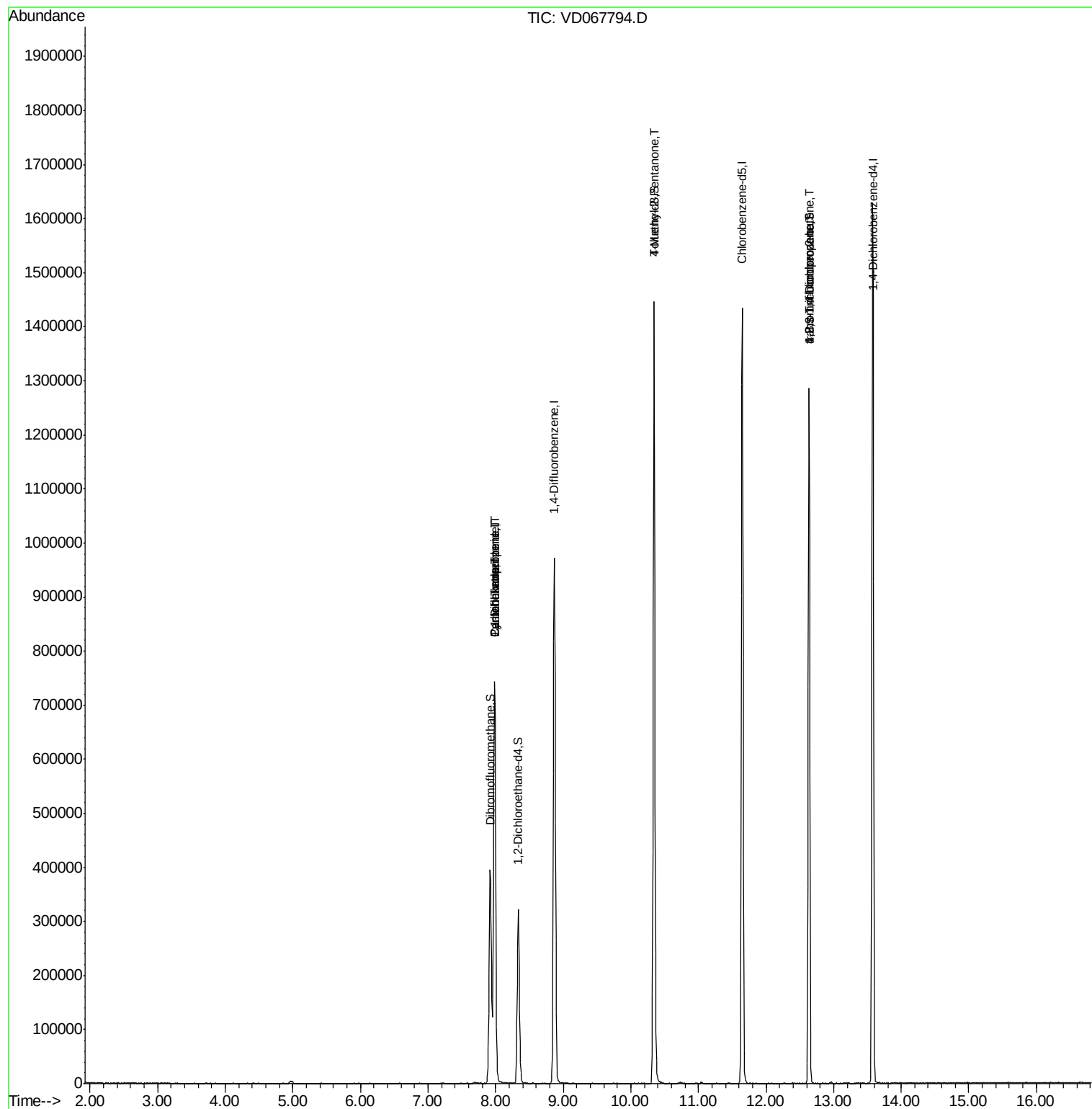
					Qvalue	
20) Methylene Chloride	4.97	84	4568	Below Cal	#	77
31) Cyclohexane	7.98	56	10386	1.569	ug/l #	19
36) 1,1-Dichloropropene	7.99	75	37635	4.973	ug/l #	50
38) Carbon Tetrachloride	7.99	117	54909	5.006	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	3549	1.856	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	209030	66.682	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	209030	155.964	ug/l #	11

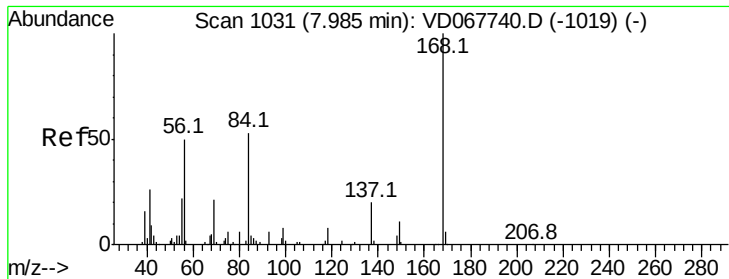
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112520\
Data File : VD067794.D
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Quant Time: Nov 26 00:26:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067794.D

Acq: 25 Nov 2020 18:27

Instrument :

MSVOA_D

ClientSampleId :

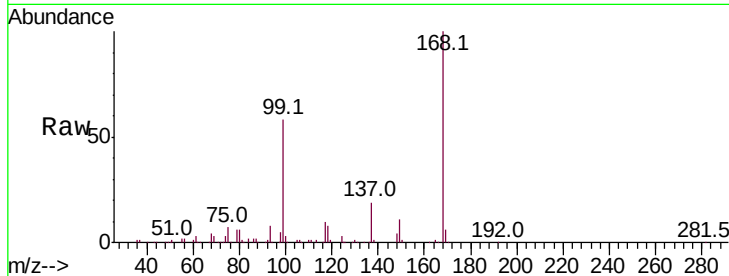
TP-1

Tot Ion:168 Resp: 562666

Ion Ratio Lower Upper

168 100

99 57.9 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

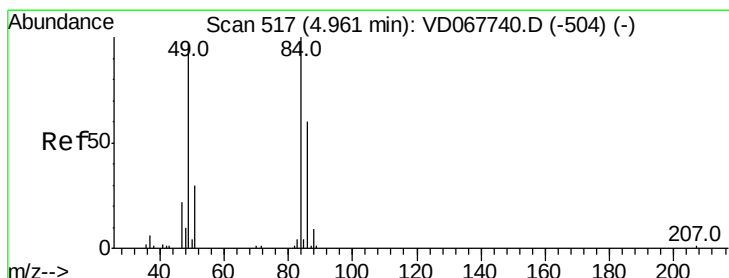
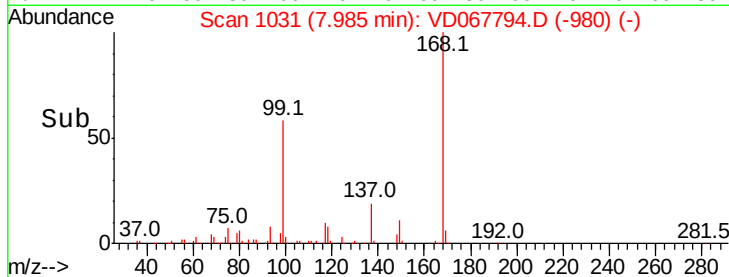
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067794.D

Acq: 25 Nov 2020 18:27

Tgt Ion: 84 Resp: 4568

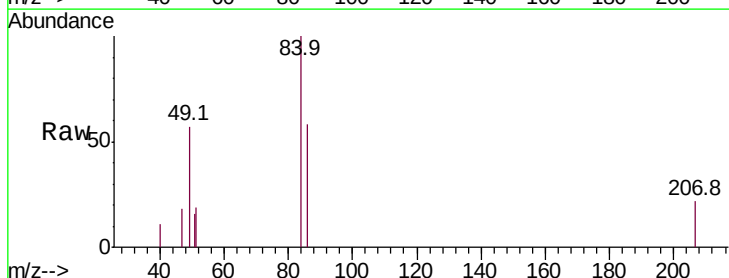
Ion Ratio Lower Upper

84 100

49 56.9 77.4 116.2#

51 35.0 24.1 36.1

86 58.4 48.2 72.2



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

4.97

2500

2000

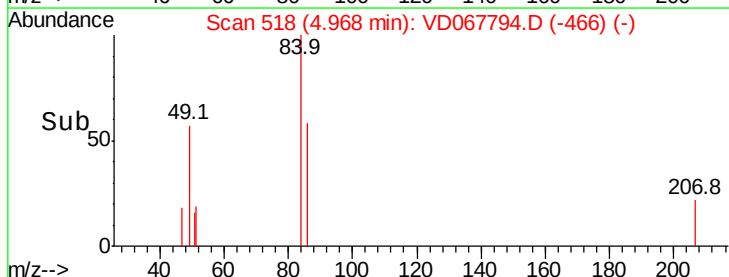
1500

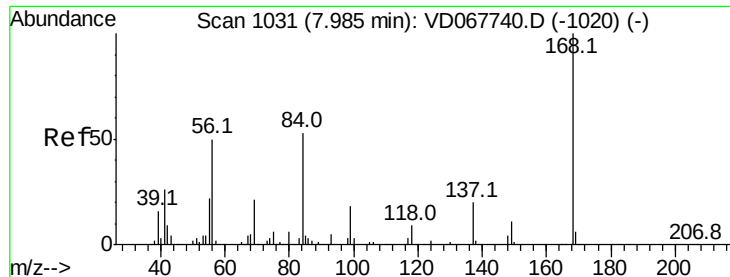
1000

500

0

Time-->

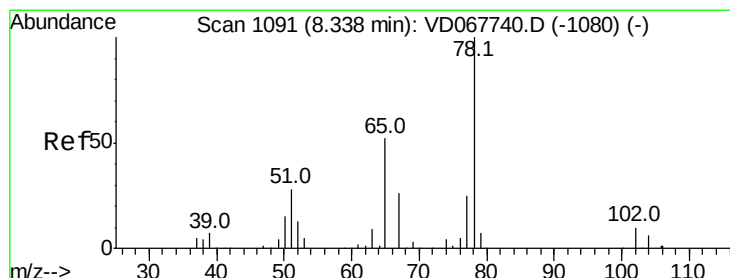
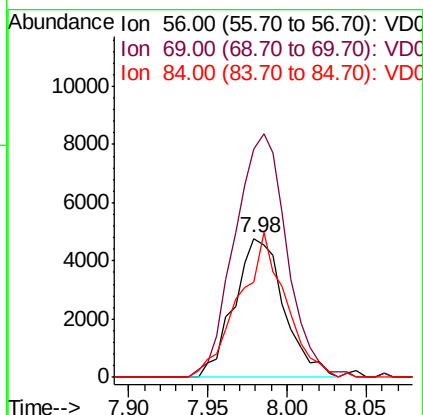
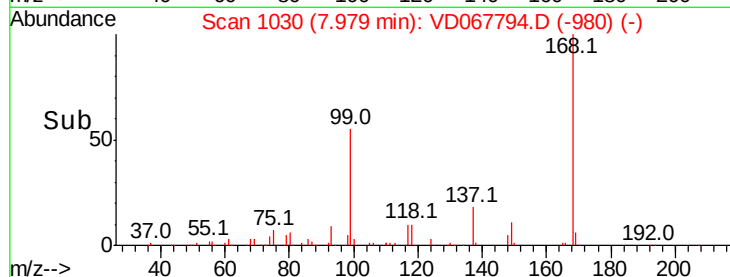
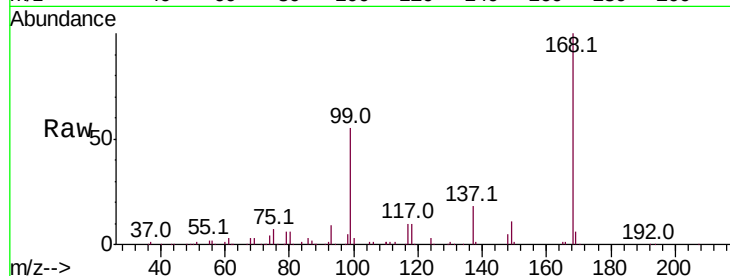




#31
Cyclohexane
Concen: 1.569 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067794.D
Acq: 25 Nov 2020 18:27

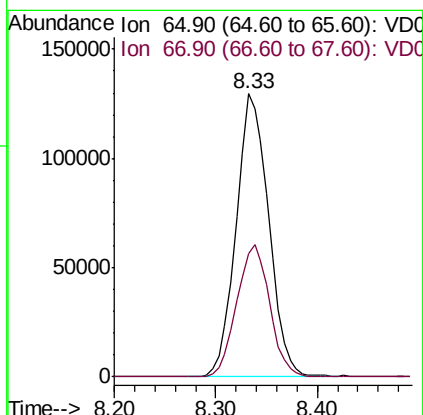
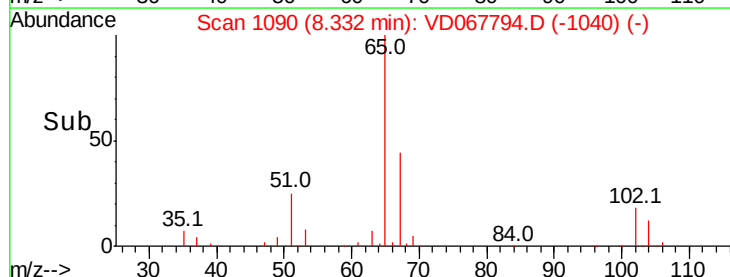
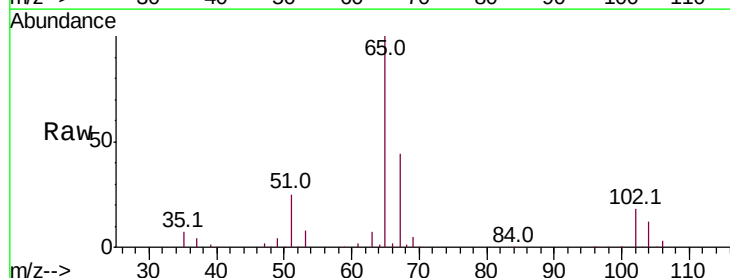
Instrument :
MSVOA_D
ClientSampleId :
TP-1

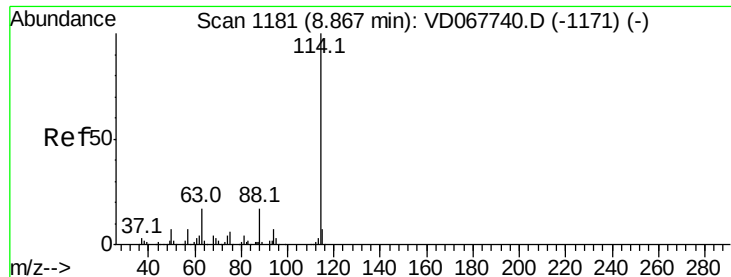
Tot Ion: 56 Resp: 10386
Ion Ratio Lower Upper
56 100
69 164.4 33.2 49.8#
84 68.1 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 52.791 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067794.D
Acq: 25 Nov 2020 18:27

Tgt Ion: 65 Resp: 288811
Ion Ratio Lower Upper
65 100
67 47.4 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

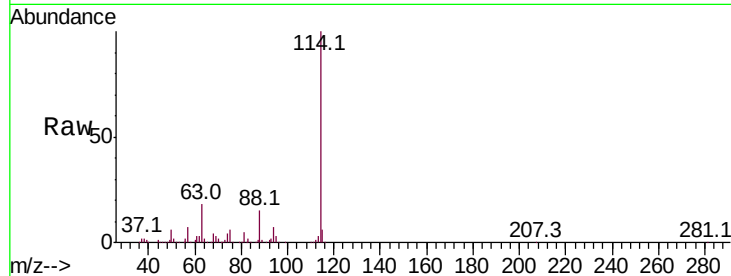
Lab File: VD067794.D

Acq: 25 Nov 2020 18:27

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tot Ion:114 Resp: 881851

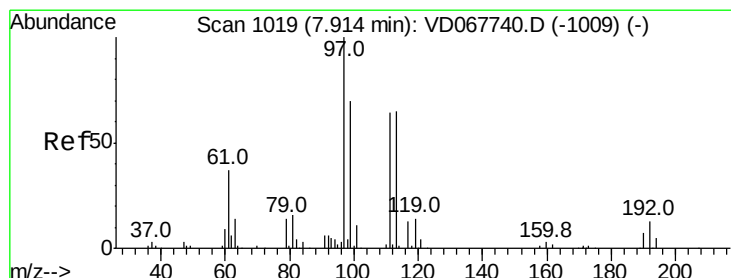
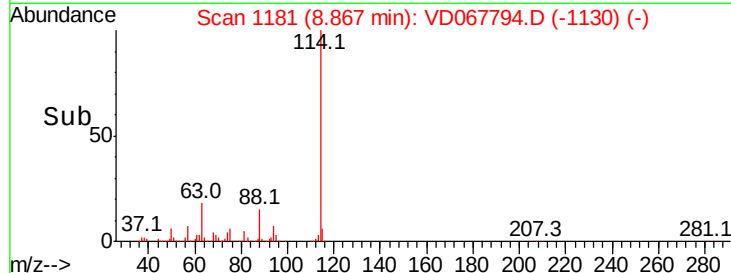
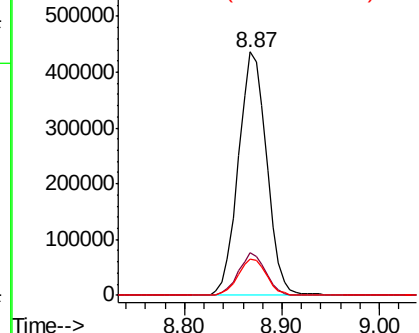
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.8
88	14.9	0.0	34.4



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: 49.137 ug/l

RT: 7.92 min Scan# 1020

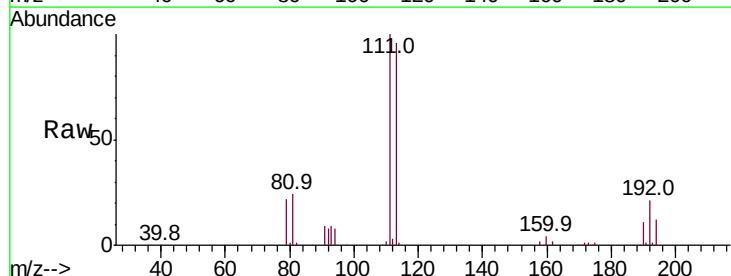
Delta R.T. 0.01 min

Lab File: VD067794.D

Acq: 25 Nov 2020 18:27

Tgt Ion:113 Resp: 275759

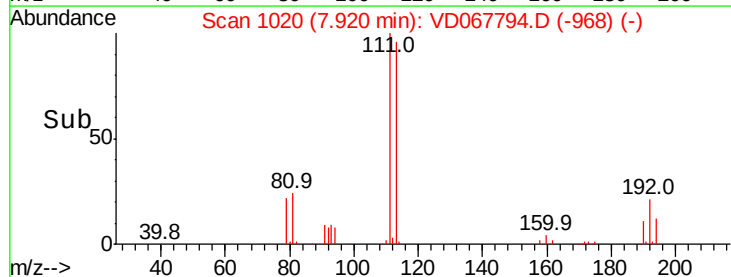
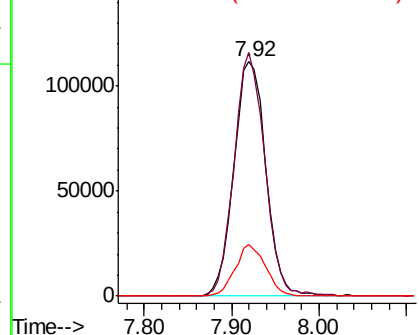
Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.4	122.0
192	21.0	17.0	25.4

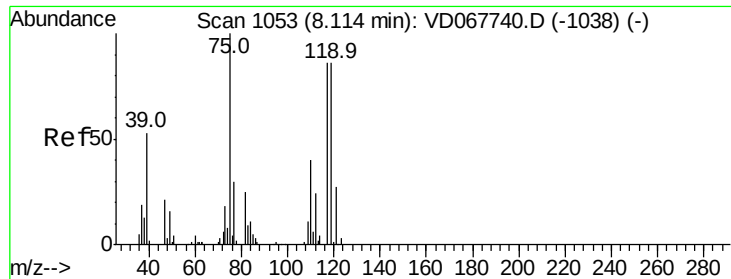


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.973 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD067794.D

Acq: 25 Nov 2020 18:27

Instrument :

MSVOA_D

ClientSampleId :

TP-1

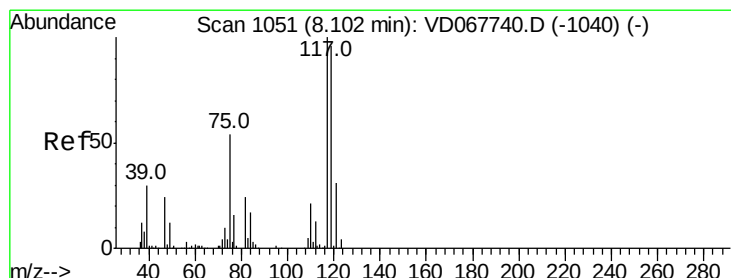
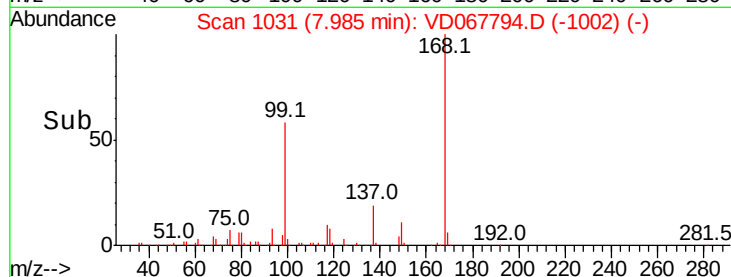
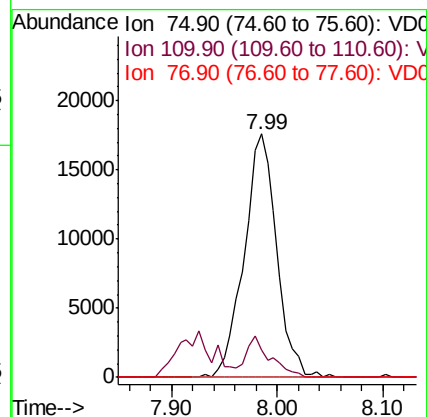
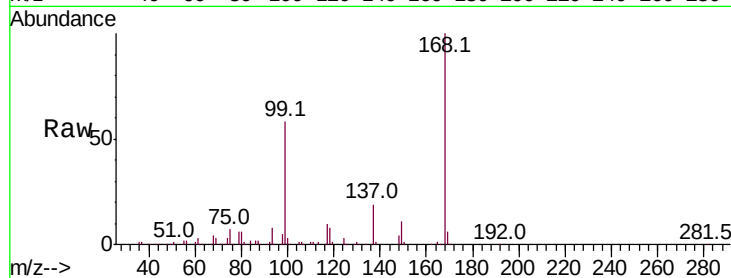
Tot Ion: 75 Resp: 37635

Ion Ratio Lower Upper

75 100

110 12.3 20.1 60.2#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.006 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067794.D

Acq: 25 Nov 2020 18:27

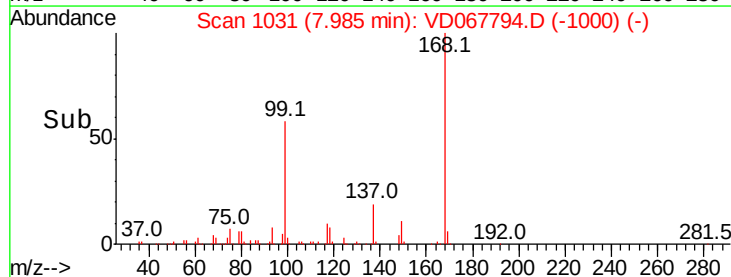
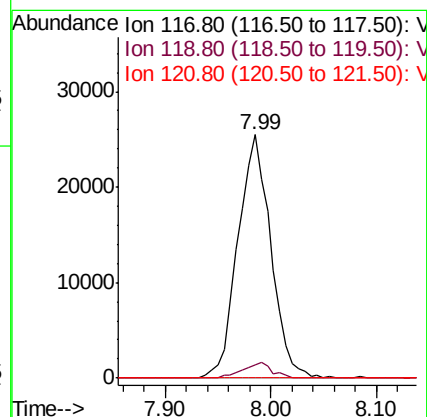
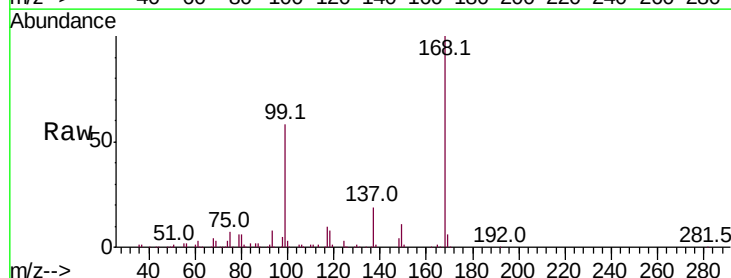
Tgt Ion: 117 Resp: 54909

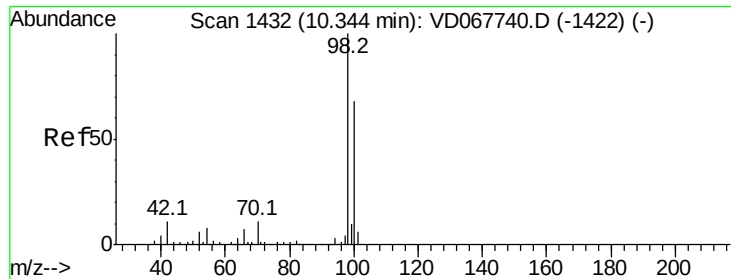
Ion Ratio Lower Upper

117 100

119 5.2 76.6 115.0#

121 0.0 24.5 36.7#

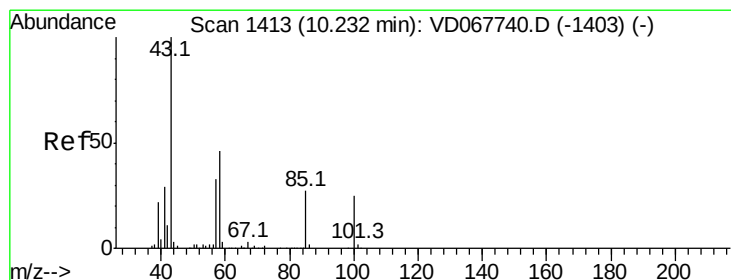
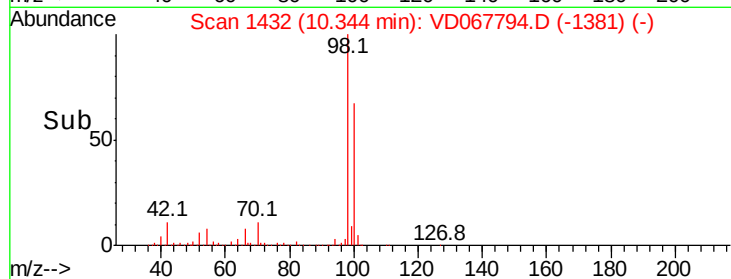
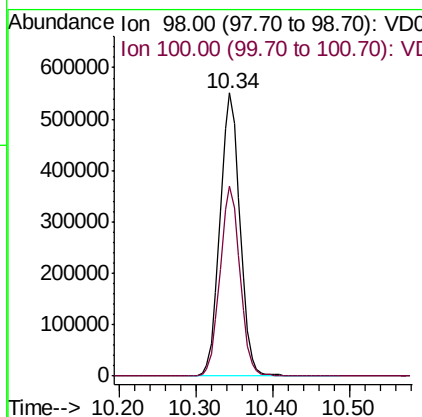
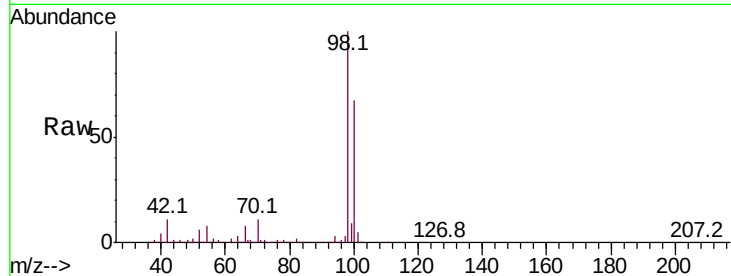




#50
Toluene-d8
Concen: 48.178 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067794.D
Acq: 25 Nov 2020 18:27

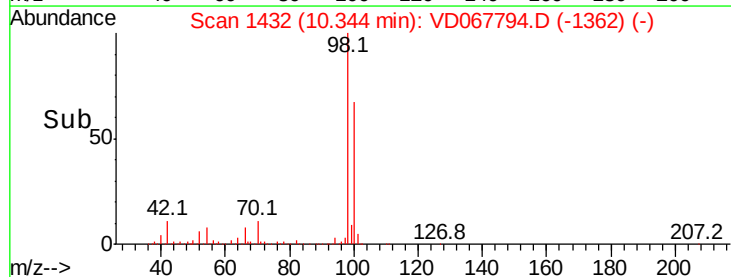
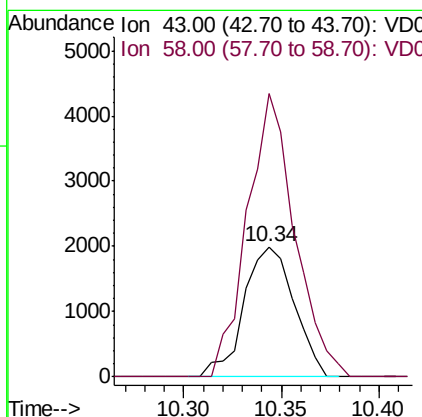
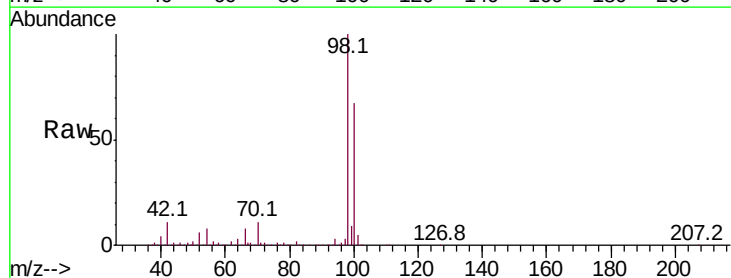
Instrument :
MSVOA_D
ClientSampleId :
TP-1

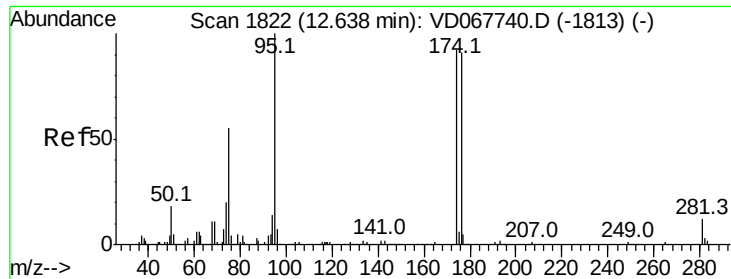
Tot Ion: 98 Resp: 988519
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.856 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.11 min
Lab File: VD067794.D
Acq: 25 Nov 2020 18:27

Tgt Ion: 43 Resp: 3549
Ion Ratio Lower Upper
43 100
58 206.5 34.7 52.1#

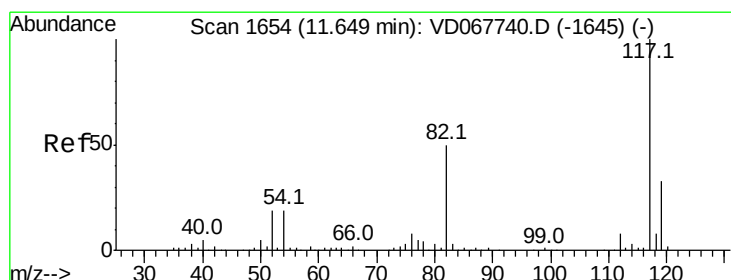
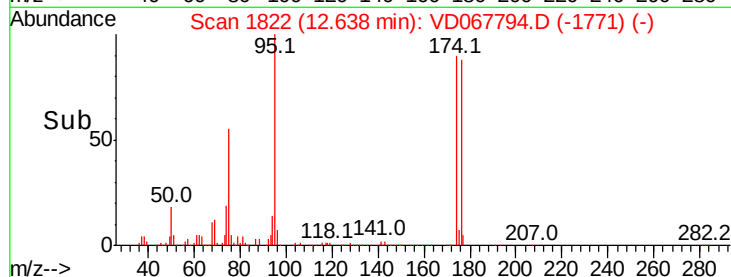
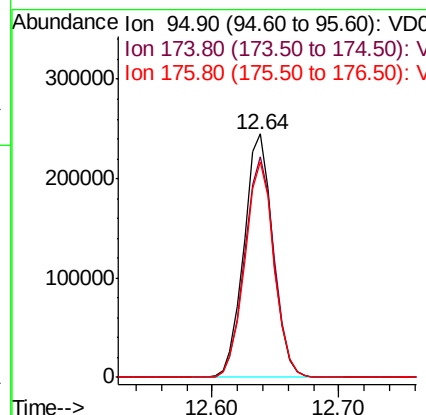
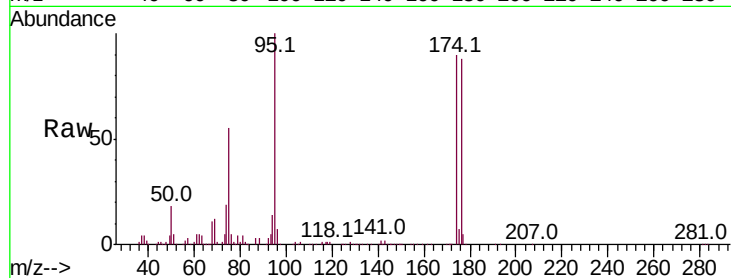




#62
4-Bromofluorobenzene
Concen: 55.101 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067794.D
Acq: 25 Nov 2020 18:27

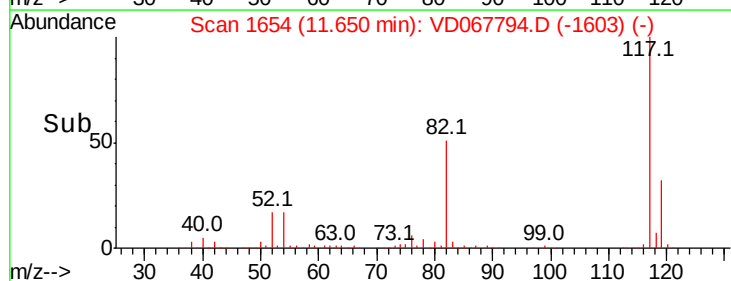
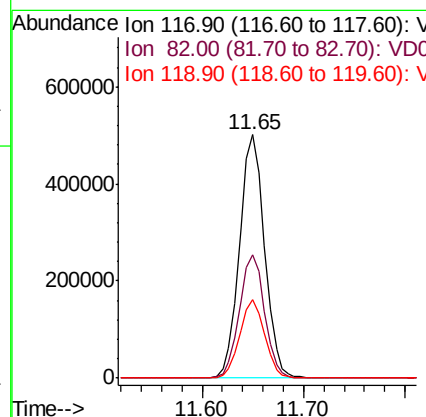
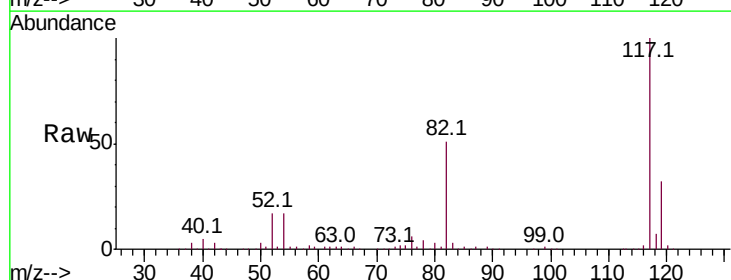
Instrument :
MSVOA_D
ClientSampleId :
TP-1

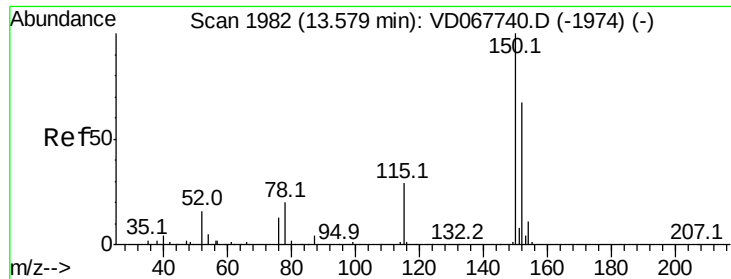
Tot Ion: 95 Resp: 386438
Ion Ratio Lower Upper
95 100
174 92.5 0.0 182.4
176 89.1 0.0 178.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067794.D
Acq: 25 Nov 2020 18:27

Tgt Ion: 117 Resp: 858380
Ion Ratio Lower Upper
117 100
82 50.8 40.2 60.4
119 32.4 26.5 39.7

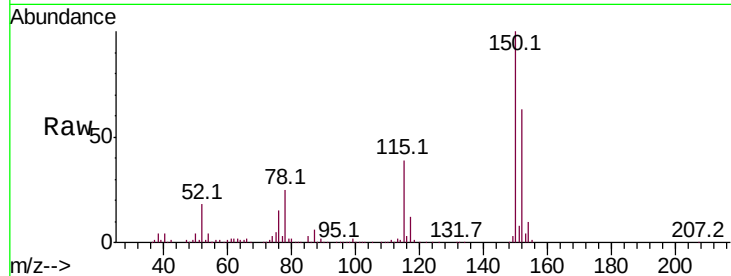




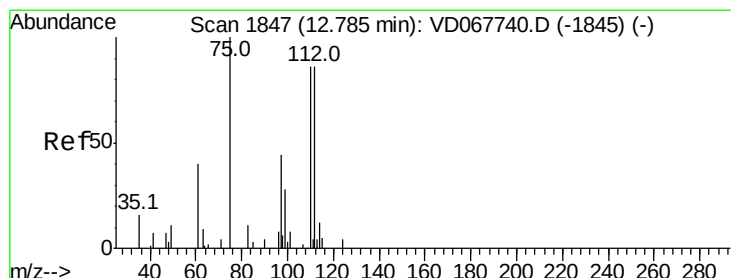
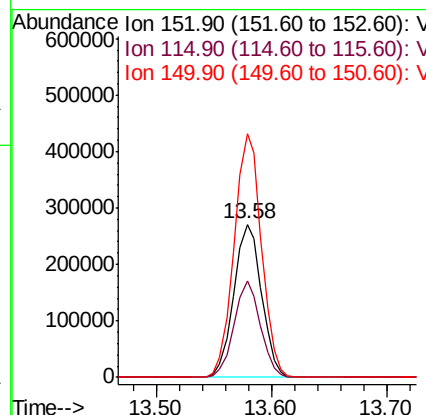
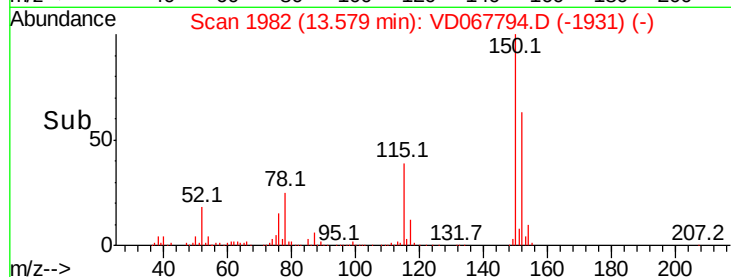
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD067794.D
 Acq: 25 Nov 2020 18:27

Instrument :
 MSVOA_D
 ClientSampled :
 TP-1

Tot Ion:152 Resp: 449776
 Ion Ratio Lower Upper
 152 100
 115 59.7 29.4 88.3
 150 156.5 0.0 340.6

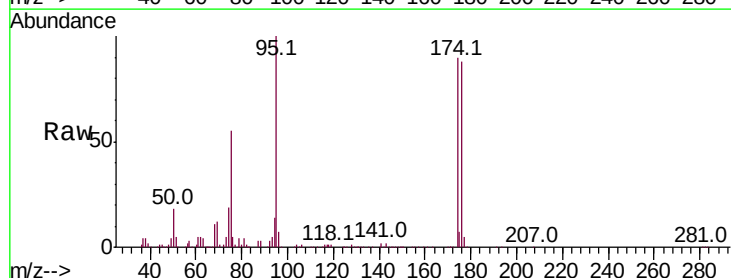


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

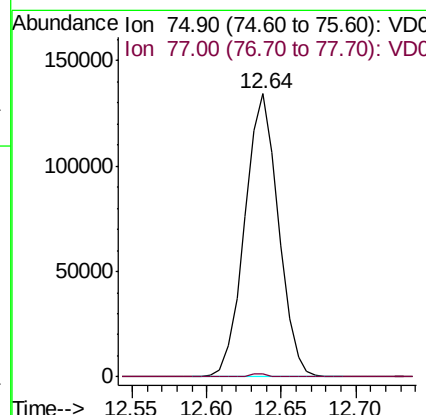
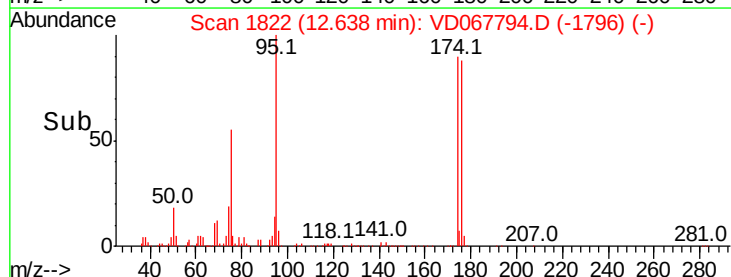


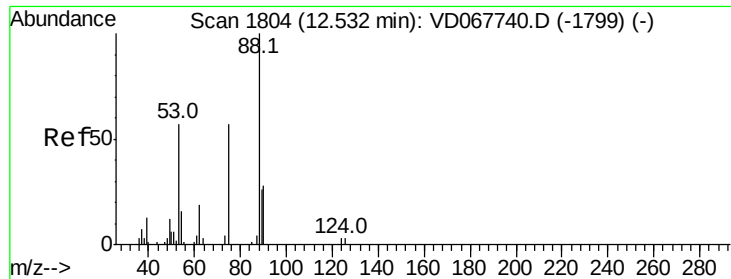
#76
 1,2,3-Trichloropropane
 Concen: 66.682 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067794.D
 Acq: 25 Nov 2020 18:27

Tgt Ion: 75 Resp: 209030
 Ion Ratio Lower Upper
 75 100
 77 0.8 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: 155.964 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067794.D

Acq: 25 Nov 2020 18:27

Instrument :

MSVOA_D

ClientSampleId :

TP-1

Tot Ion: 75 Resp: 209030

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.1 40.2 60.4#

