

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067809.D
 Acq On : 30 Nov 2020 12:28
 Operator : VA/SY
 Sample : L4899-01RE
 Misc : 6.74G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Dec 01 00:16:01 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	7.98	168	169036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	285579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	280396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	125931	76.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.24%
35) Dibromofluoromethane	7.92	113	97855	53.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.68%
50) Toluene-d8	10.34	98	332514	50.04	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.08%
62) 4-Bromofluorobenzene	12.64	95	117814	51.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.74%

Target Compounds

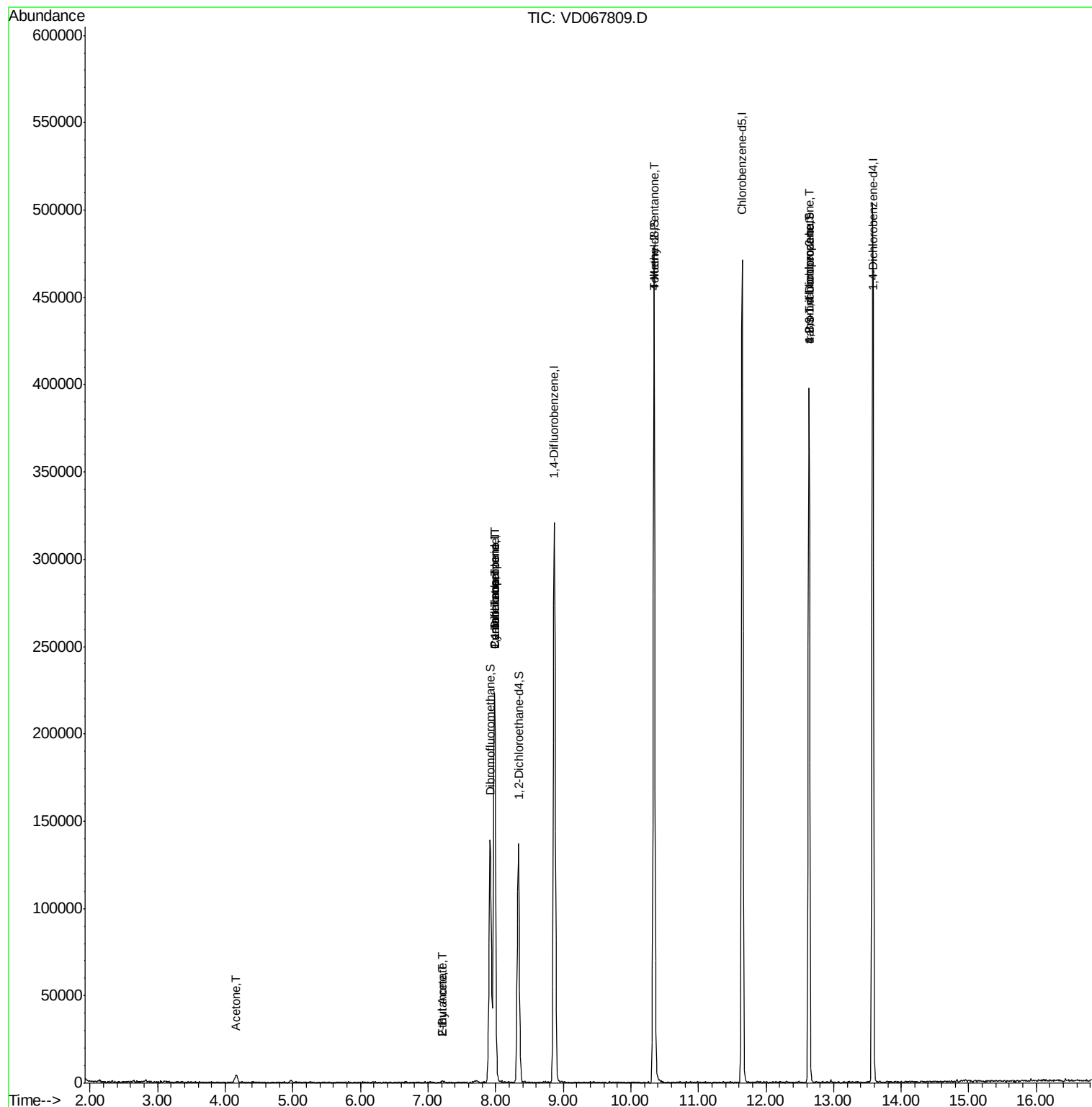
	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	8446	39.778	ug/l	91
20) Methylene Chloride	4.97	84	920	Below Cal	#	80
25) 2-Butanone	7.21	43	1212	5.087	ug/l #	65
31) Cyclohexane	7.98	56	2989	1.503	ug/l #	34
36) 1,1-Dichloropropene	7.98	75	11568	4.721	ug/l #	53
37) Ethyl Acetate	7.21	43	1212	1.839	ug/l #	63
38) Carbon Tetrachloride	7.98	117	16969	4.777	ug/l #	19
51) 4-Methyl-2-Pentanone	10.34	43	1184	1.912	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	65587	67.827	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	65587	158.643	ug/l #	11

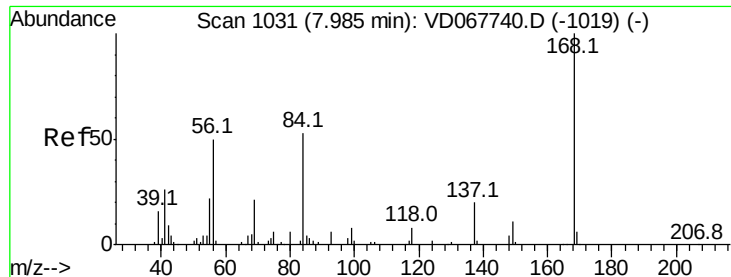
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD113020\
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Misc : 6.74G/5.00ml/MSVOA D/SOIL
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MSVOA_D
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TP-1

Quant Time: Dec 01 00:16:01 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: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067809.D

Acq: 30 Nov 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

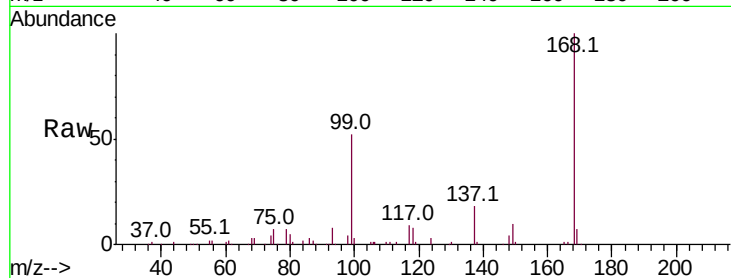
TP-1

Tot Ion:168 Resp: 169036

Ion Ratio Lower Upper

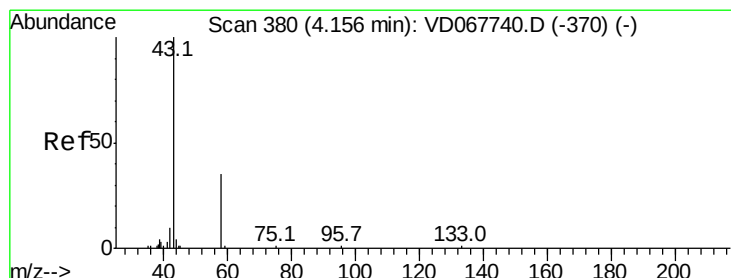
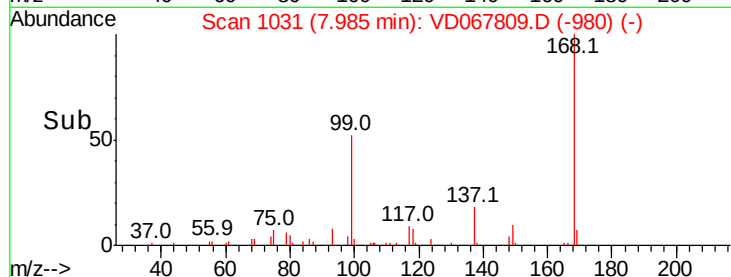
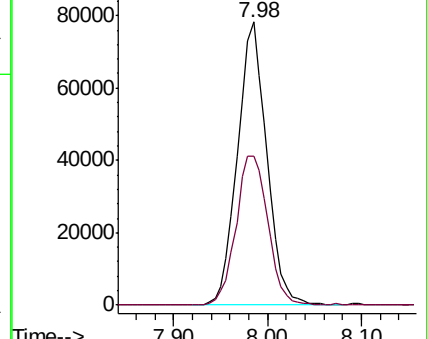
168 100

99 52.4 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 39.778 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067809.D

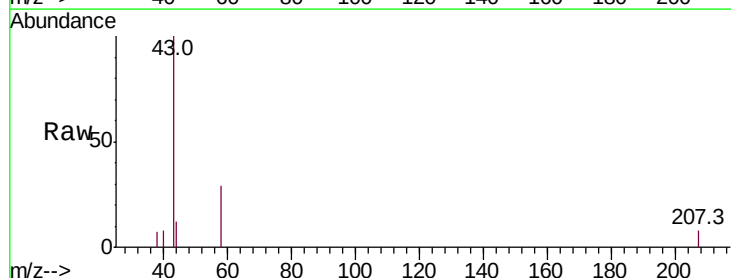
Acq: 30 Nov 2020 12:28

Tgt Ion: 43 Resp: 8446

Ion Ratio Lower Upper

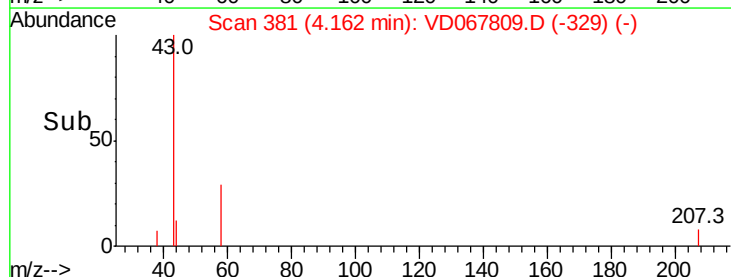
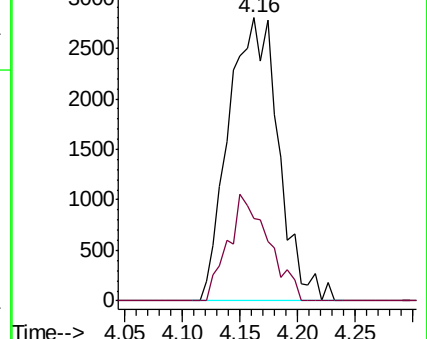
43 100

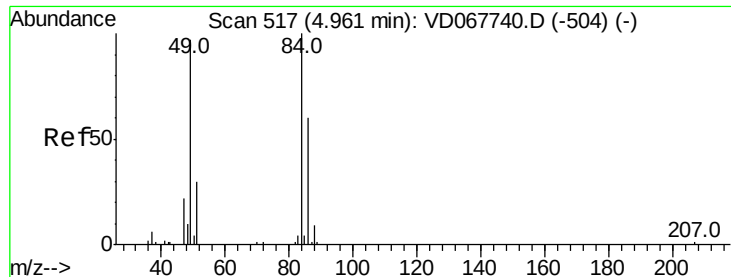
58 29.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

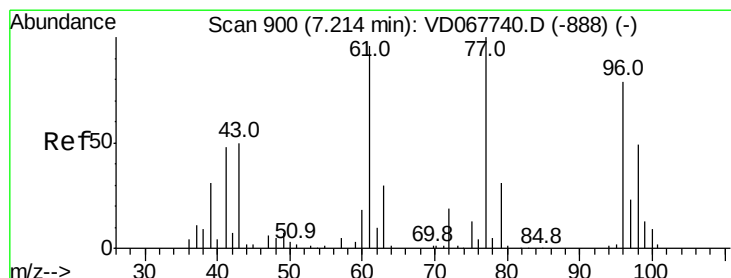
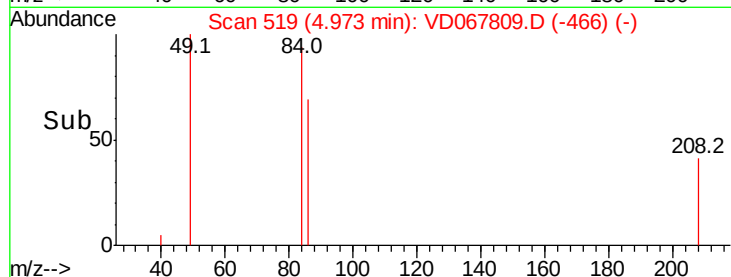
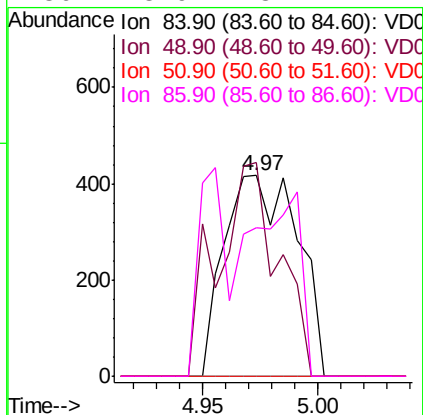
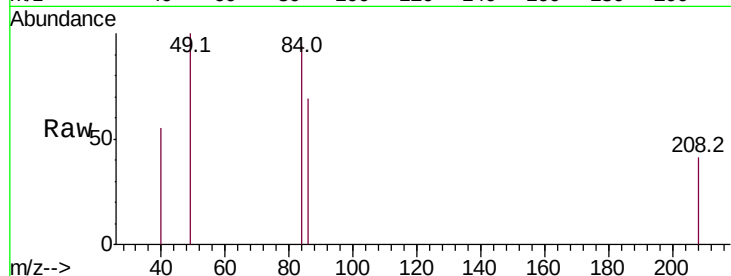




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067809.D
Acq: 30 Nov 2020 12:28

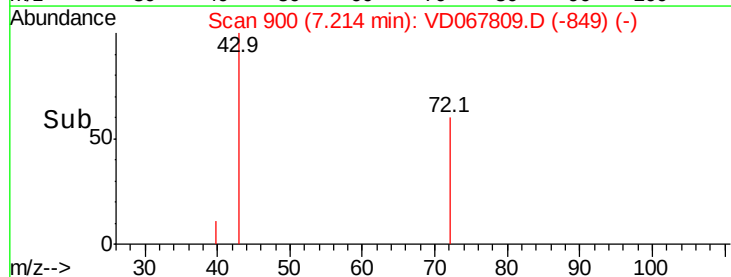
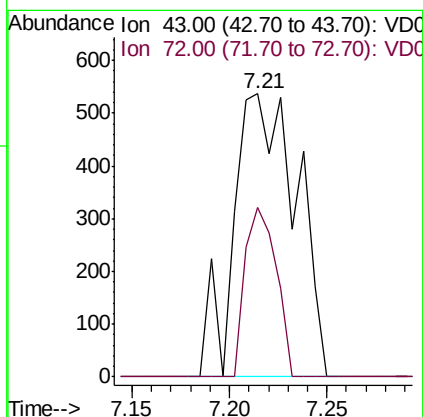
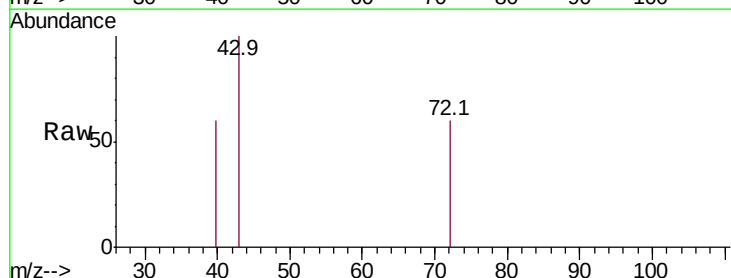
Instrument :
MSVOA_D
ClientSampleId :
TP-1

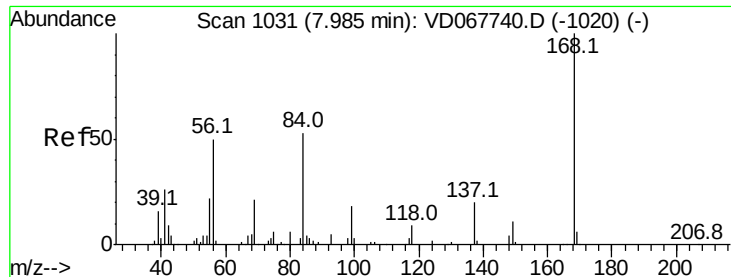
Tot Ion: 84 Resp: 920
Ion Ratio Lower Upper
84 100
49 106.5 77.4 116.2
51 0.0 24.1 36.1#
86 73.9 48.2 72.2#



#25
2-Butanone
Concen: 5.087 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067809.D
Acq: 30 Nov 2020 12:28

Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
72 59.8 30.8 46.2#

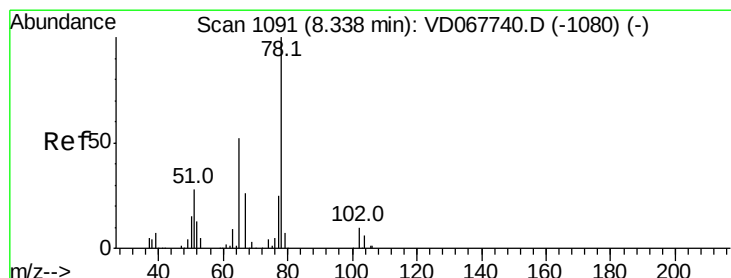
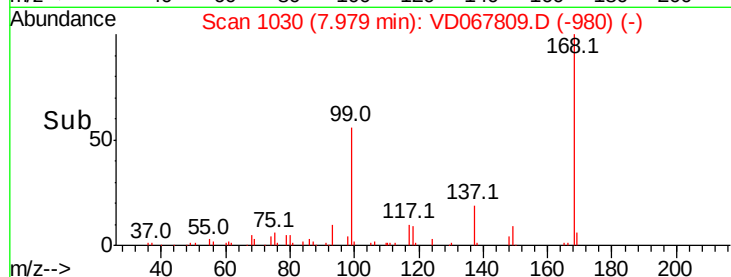
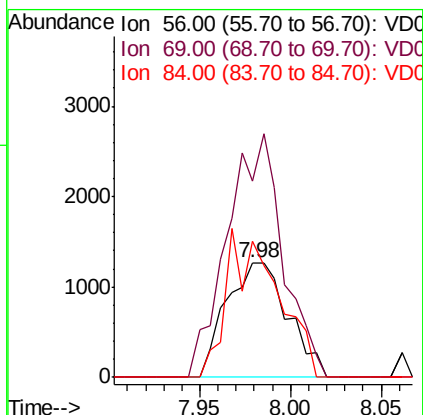
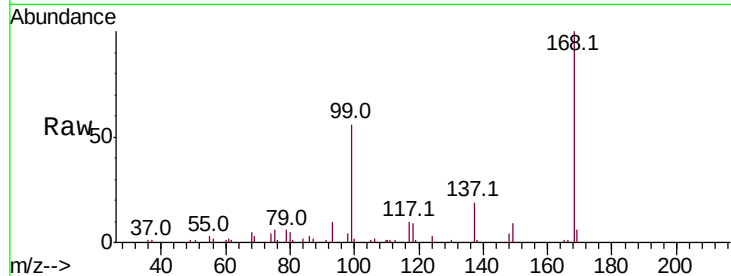




#31
Cyclohexane
Concen: 1.503 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067809.D
Acq: 30 Nov 2020 12:28

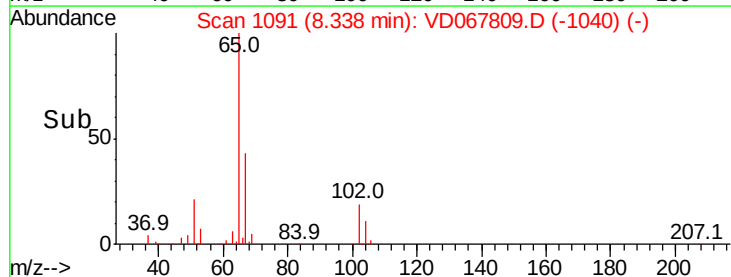
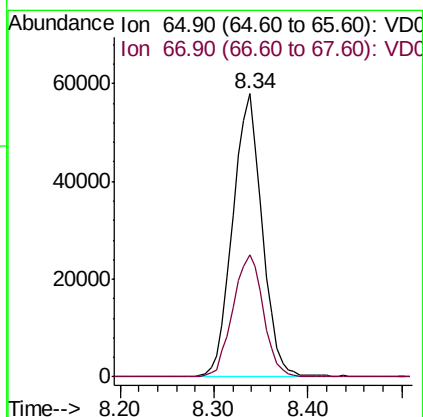
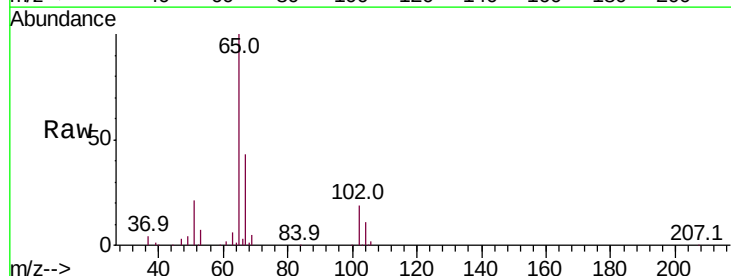
Instrument :
MSVOA_D
ClientSampleId :
TP-1

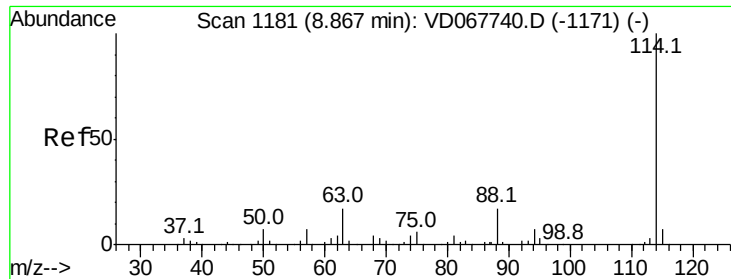
Tot Ion: 56 Resp: 2989
Ion Ratio Lower Upper
56 100
69 170.5 33.2 49.8#
84 118.6 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 76.621 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD067809.D
Acq: 30 Nov 2020 12:28

Tgt Ion: 65 Resp: 125931
Ion Ratio Lower Upper
65 100
67 44.4 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: VD067809.D

Acq: 30 Nov 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

TP-1

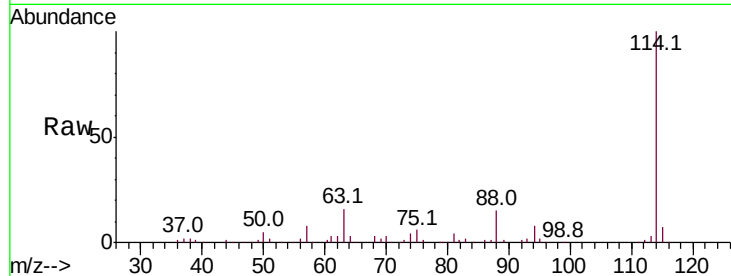
Tot Ion:114 Resp: 285579

Ion Ratio Lower Upper

114 100

63 16.0 0.0 34.8

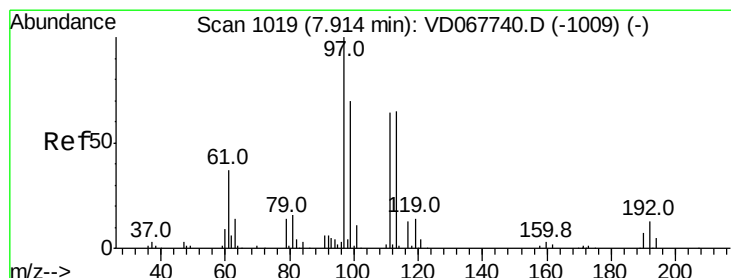
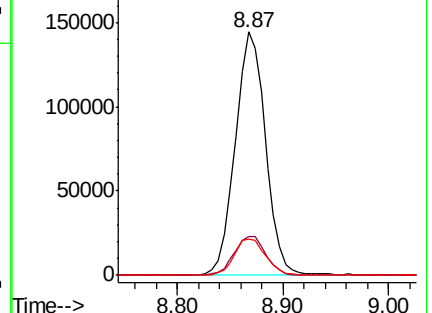
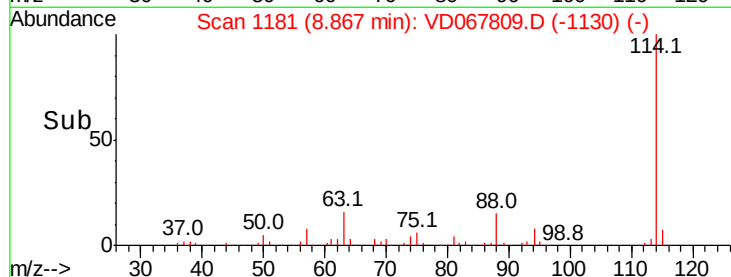
88 14.7 0.0 34.4



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: 53.843 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067809.D

Acq: 30 Nov 2020 12:28

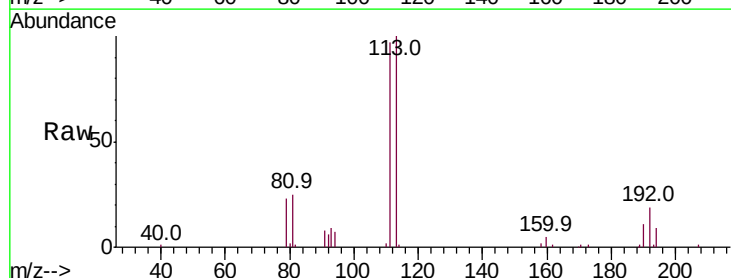
Tgt Ion:113 Resp: 97855

Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.0

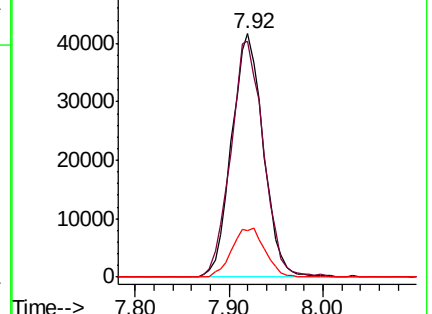
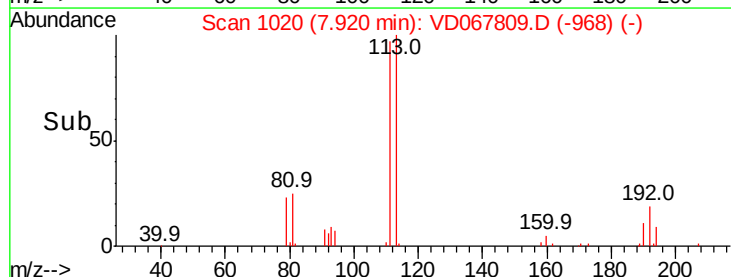
192 20.8 17.0 25.4

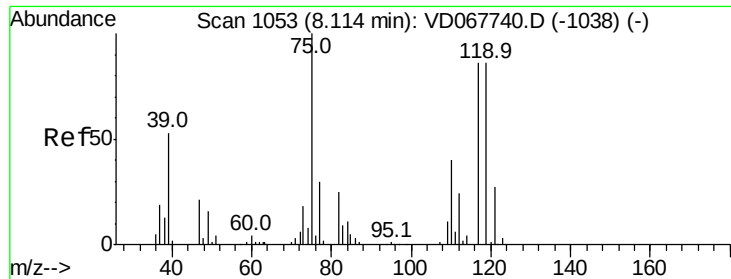


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

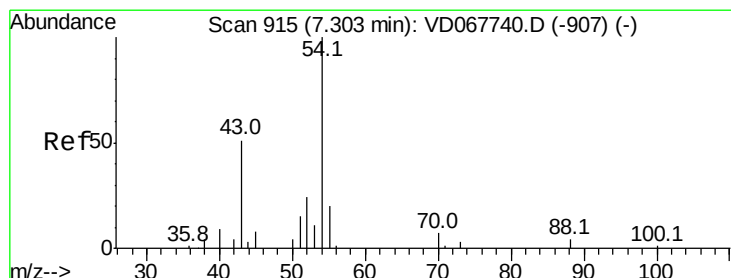
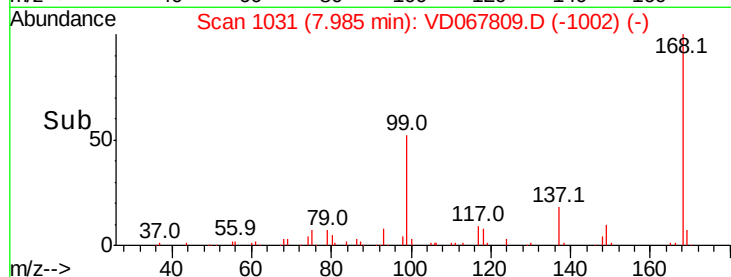
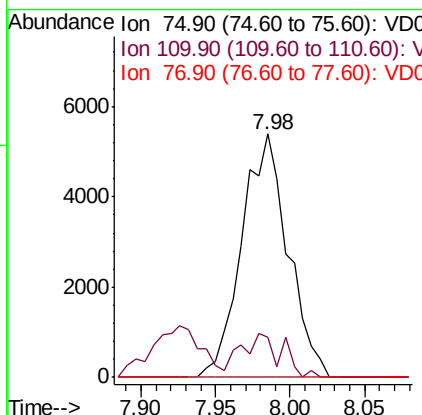
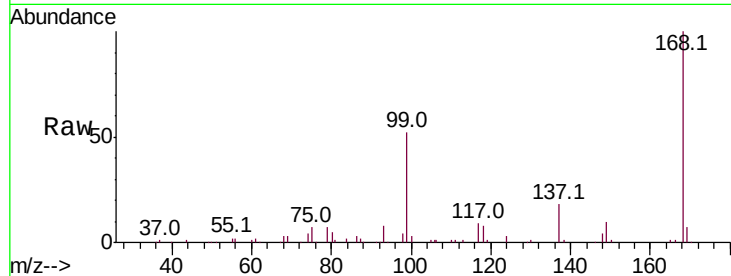




#36
 1,1-Dichloropropene
 Concen: 4.721 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD067809.D
 Acq: 30 Nov 2020 12:28

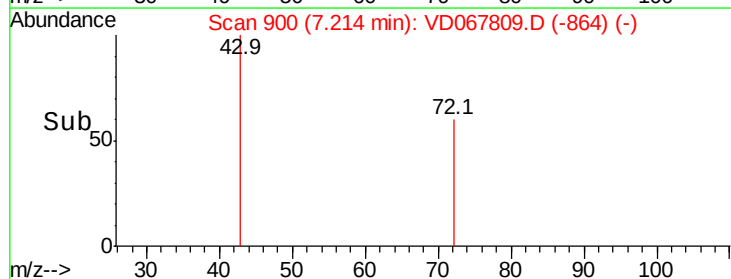
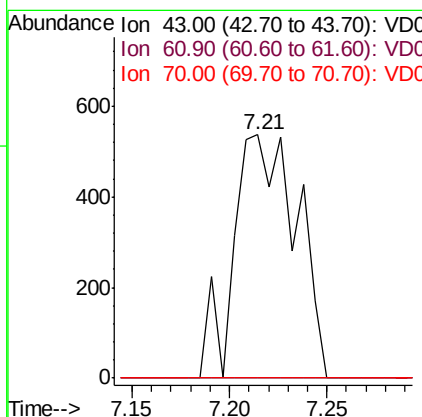
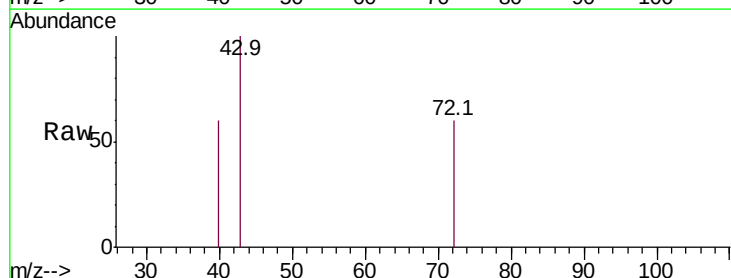
Instrument :
 MSVOA_D
 ClientSampled :
 TP-1

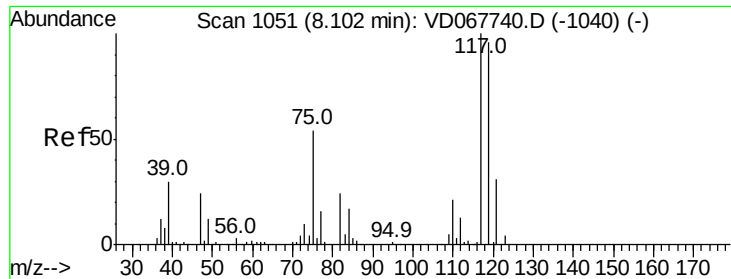
Tot Ion: 75 Resp: 11568
 Ion Ratio Lower Upper
 75 100
 110 16.0 20.1 60.2#
 77 0.0 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 1.839 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.09 min
 Lab File: VD067809.D
 Acq: 30 Nov 2020 12:28

Tgt Ion: 43 Resp: 1212
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.9 19.3#
 70 0.0 12.2 18.2#

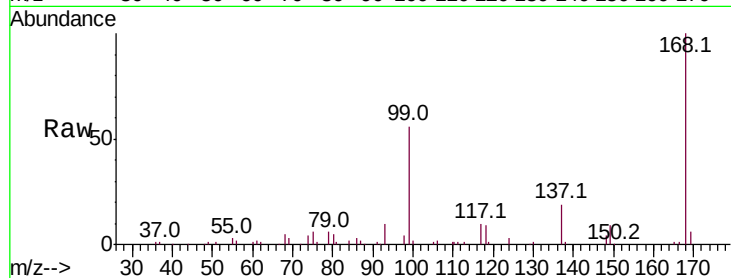




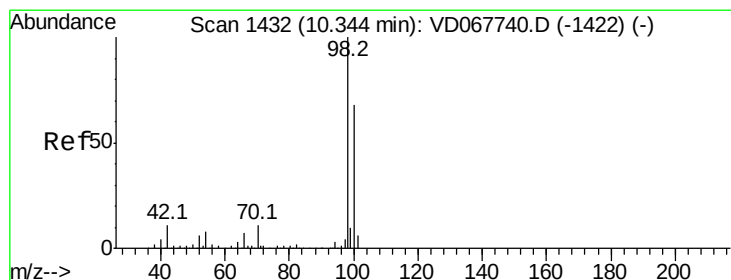
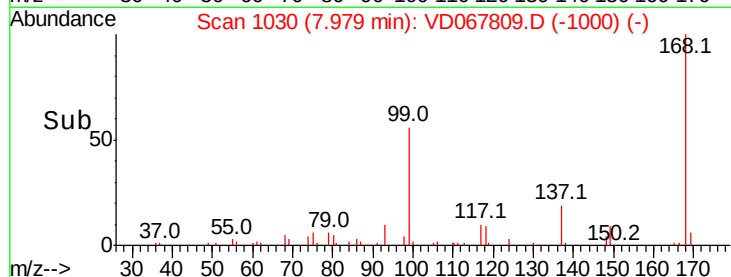
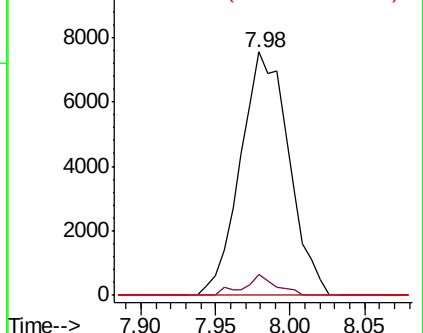
#38
Carbon Tetrachloride
Concen: 4.777 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD067809.D
Acq: 30 Nov 2020 12:28

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 16969
Ion Ratio Lower Upper
117 100
119 8.5 76.6 115.0#
121 0.0 24.5 36.7#

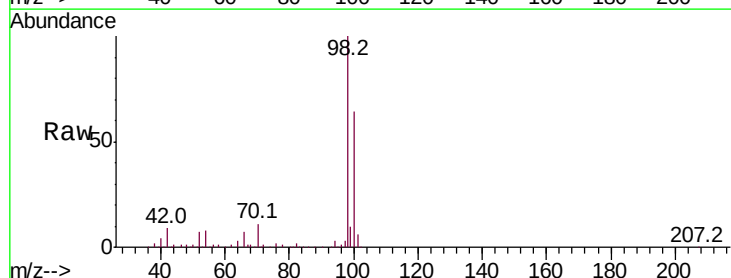


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

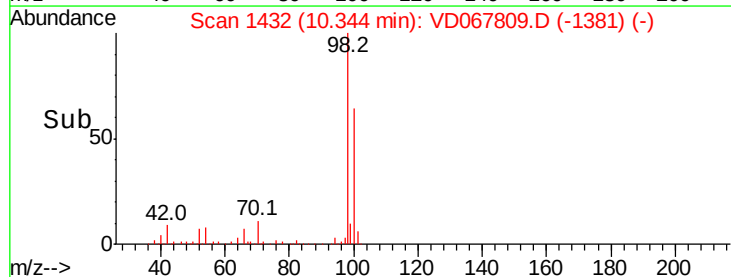
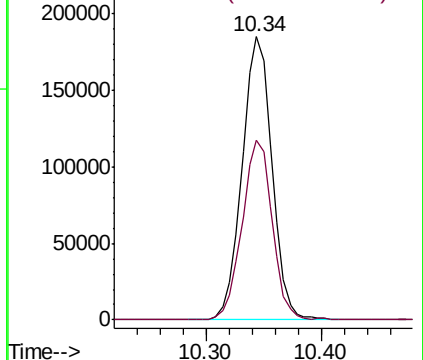


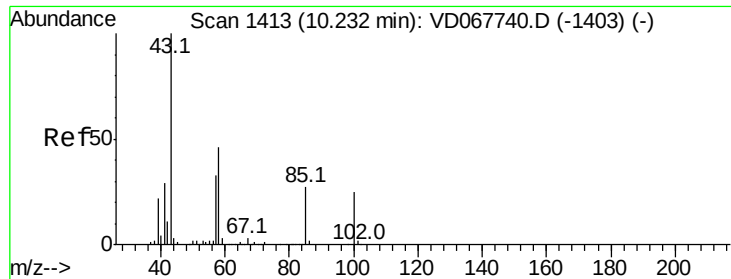
#50
Toluene-d8
Concen: 50.043 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067809.D
Acq: 30 Nov 2020 12:28

Tgt Ion: 98 Resp: 332514
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



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

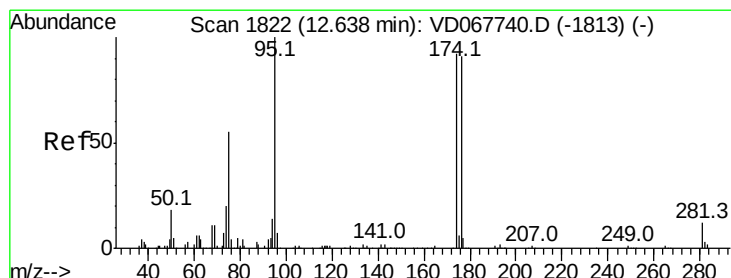
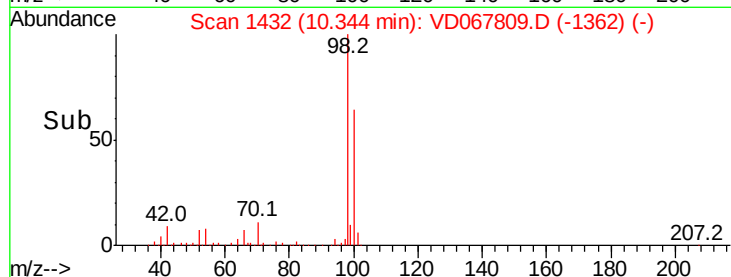
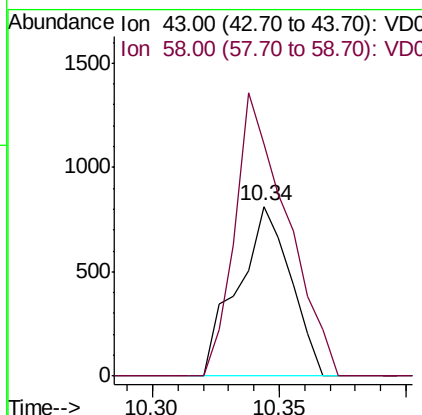
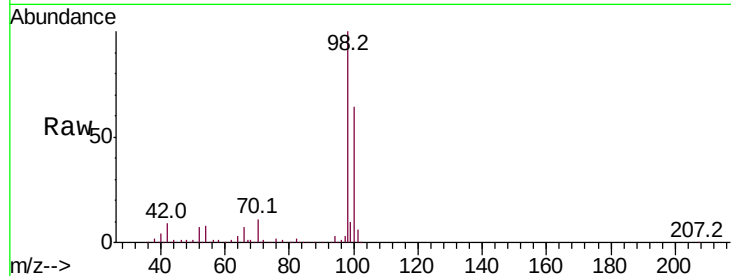




#51
 4-Methyl-2-Pentanone
 Concen: 1.912 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.11 min
 Lab File: VD067809.D
 Acq: 30 Nov 2020 12:28

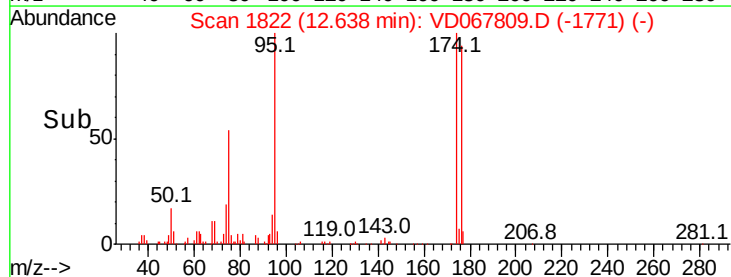
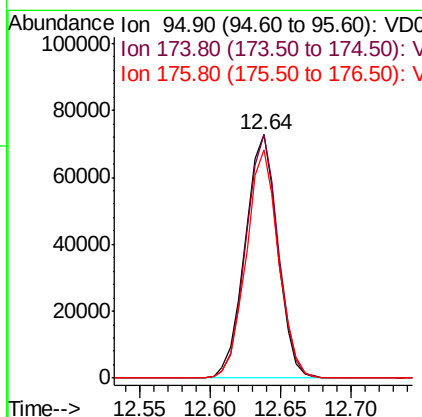
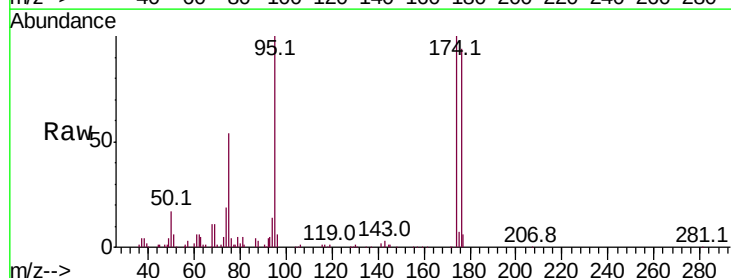
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

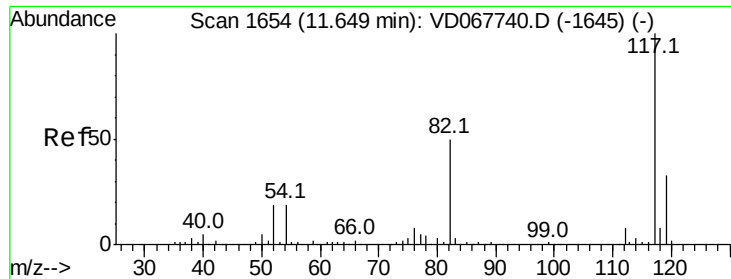
Tot Ion: 43 Resp: 1184
 Ion Ratio Lower Upper
 43 100
 58 163.9 34.7 52.1#



#62
 4-Bromofluorobenzene
 Concen: 51.874 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067809.D
 Acq: 30 Nov 2020 12:28

Tgt Ion: 95 Resp: 117814
 Ion Ratio Lower Upper
 95 100
 174 99.1 0.0 182.4
 176 93.0 0.0 178.2

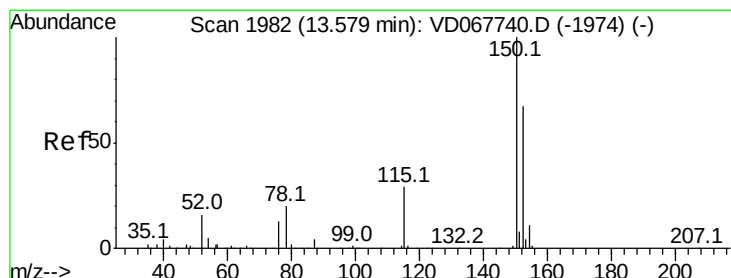
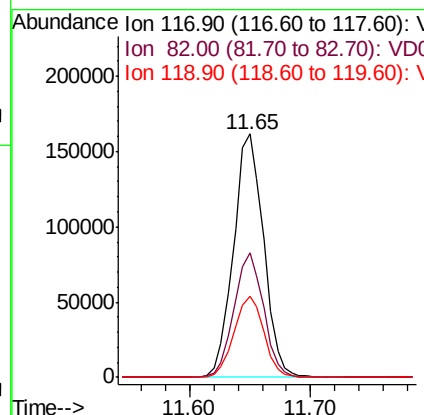
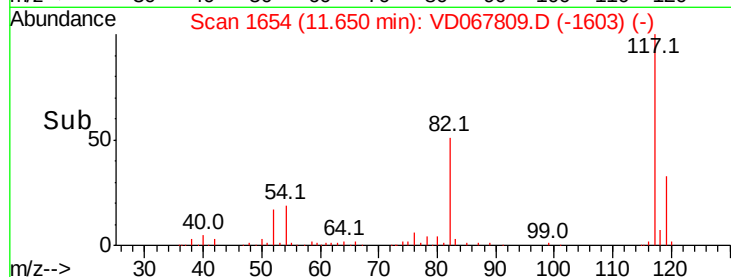
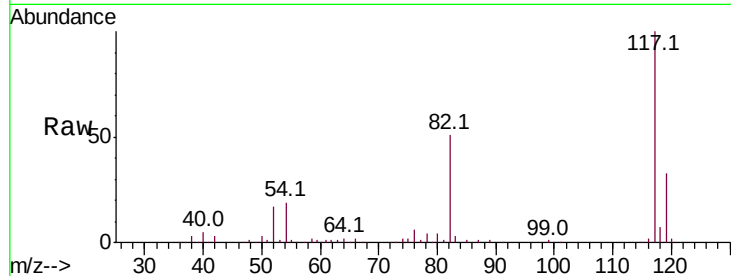




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067809.D
Acq: 30 Nov 2020 12:28

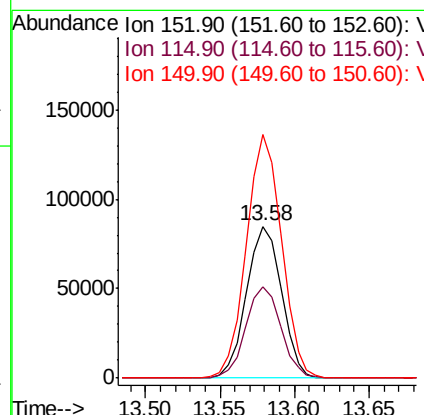
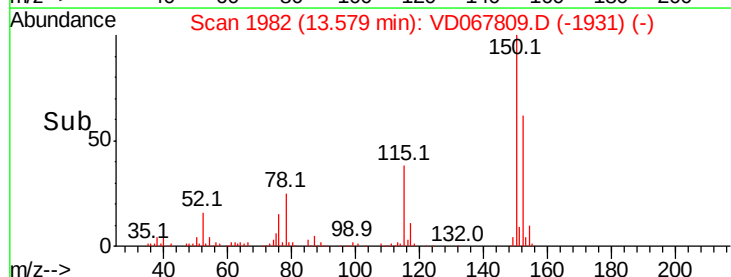
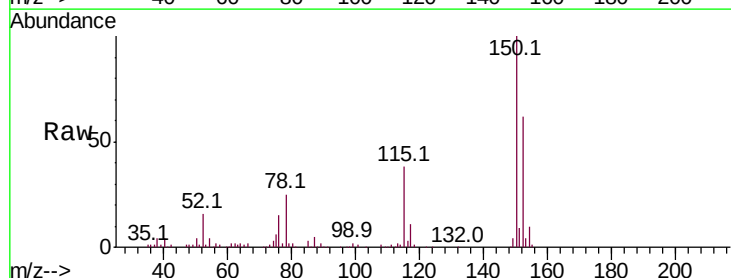
Instrument :
MSVOA_D
ClientSampled :
TP-1

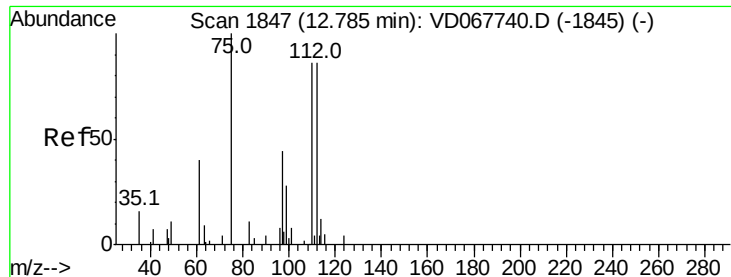
Tot Ion:117 Resp: 280396
Ion Ratio Lower Upper
117 100
82 51.1 40.2 60.4
119 33.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067809.D
Acq: 30 Nov 2020 12:28

Tgt Ion:152 Resp: 138743
Ion Ratio Lower Upper
152 100
115 60.3 29.4 88.3
150 159.5 0.0 340.6





#76

1,2,3-Trichloropropane

Concen: 67.827 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067809.D

Acq: 30 Nov 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

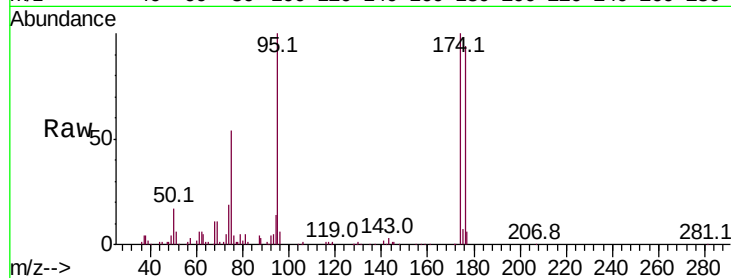
TP-1

Tot Ion: 75 Resp: 65587

Ion Ratio Lower Upper

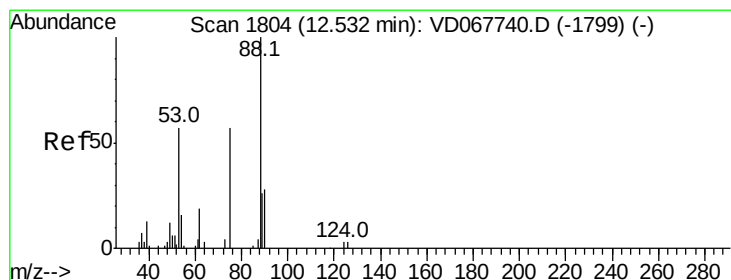
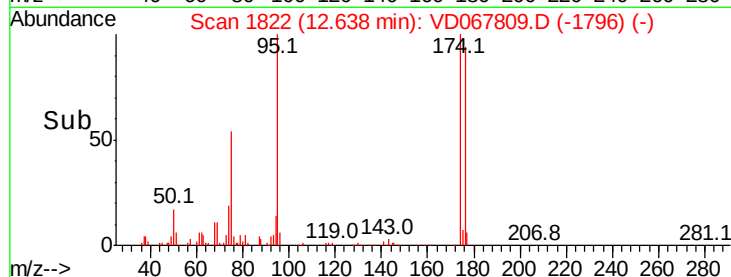
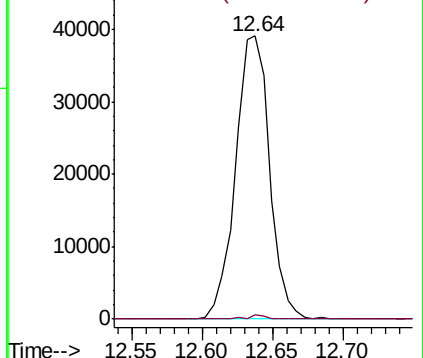
75 100

77 0.7 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: 158.643 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067809.D

Acq: 30 Nov 2020 12:28

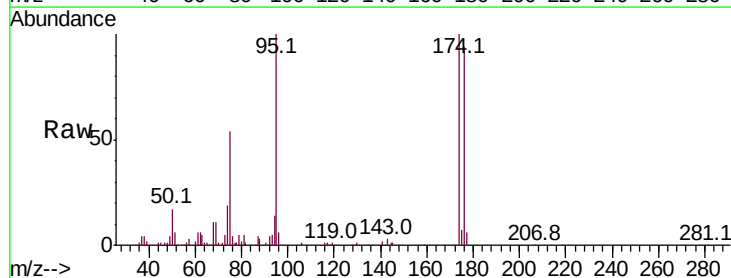
Tgt Ion: 75 Resp: 65587

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.0 40.2 60.4#



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

