

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067611.D
 Acq On : 11 Nov 2020 19:15
 Operator : VA/SY
 Sample : L4719-10
 Misc : 8.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3A-S2

Quant Time: Nov 12 00:11:25 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	369395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	582933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	592977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300847	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	152558	47.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.46%	
35) Dibromofluoromethane	7.92	113	180481	51.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.78%	
50) Toluene-d8	10.34	98	693175	56.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.32%	
62) 4-Bromofluorobenzene	12.64	95	264955	62.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	124.36%	

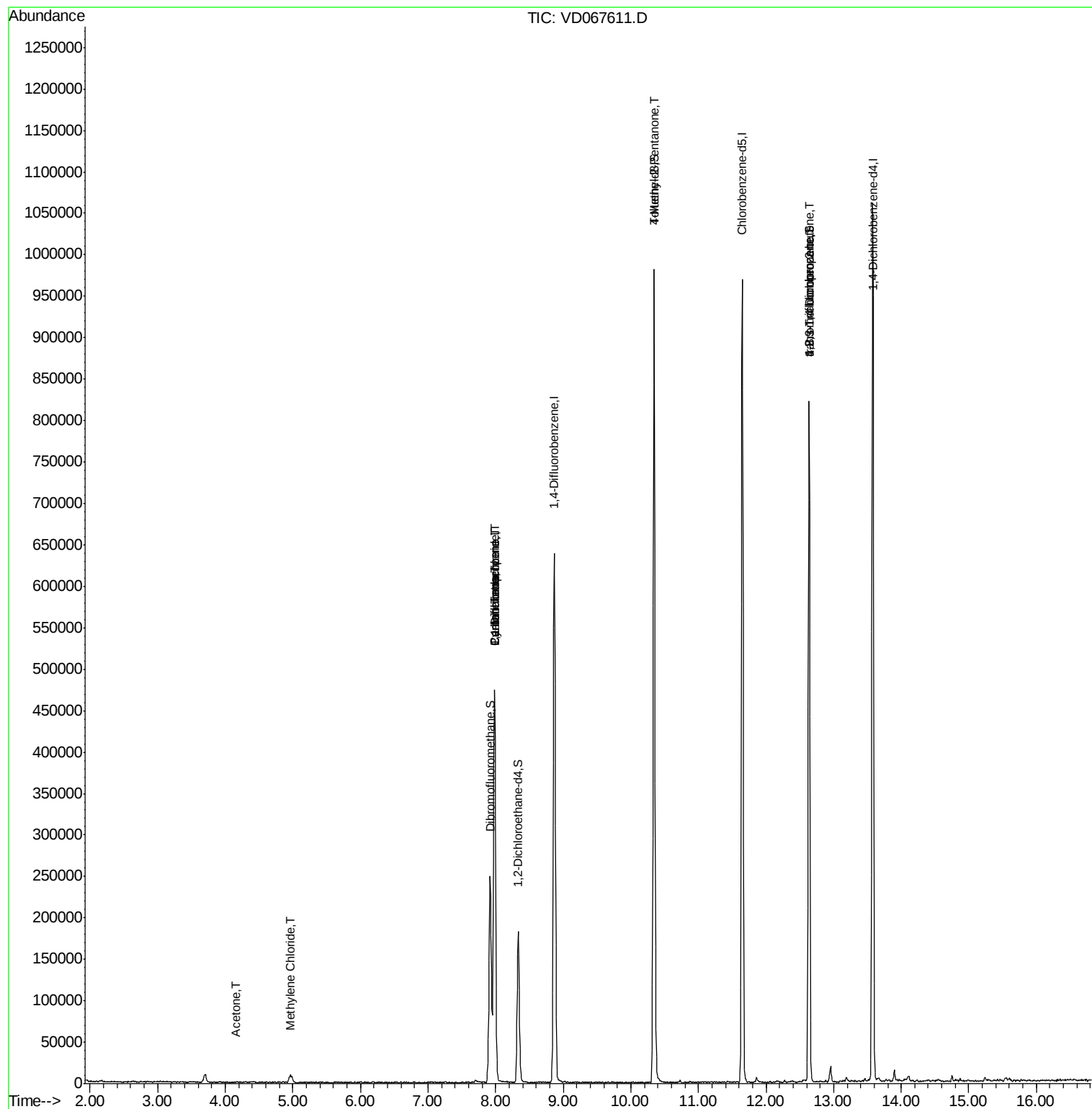
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.17	85	226	Below Cal	#	44
16) Acetone	4.17	43	946	1.957	ug/l #	43
20) Methylene Chloride	4.96	84	8384	2.456	ug/l #	91
31) Cyclohexane	7.98	56	6795	1.450	ug/l #	18
36) 1,1-Dichloropropene	7.98	75	25825	5.176	ug/l #	50
38) Carbon Tetrachloride	7.98	117	36404	5.615	ug/l #	15
51) 4-Methyl-2-Pentanone	10.34	43	2233	1.822	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	133775	73.710	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	133775	149.651	ug/l #	10

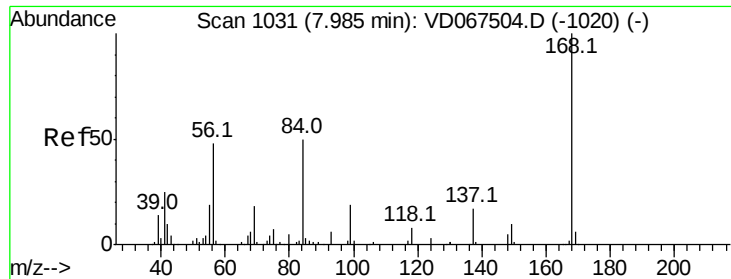
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
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Quant Time: Nov 12 00:11:25 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: VD067611.D

Acq: 11 Nov 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

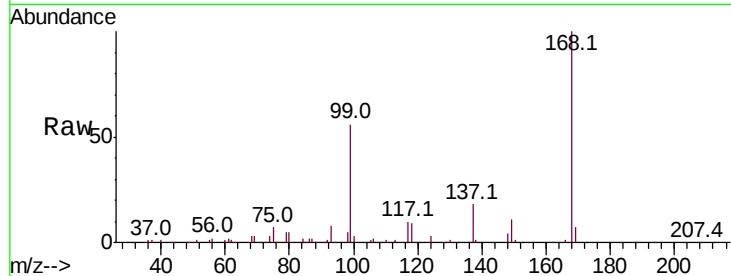
TP-3A-S2

Tot Ion:168 Resp: 369395

Ion Ratio Lower Upper

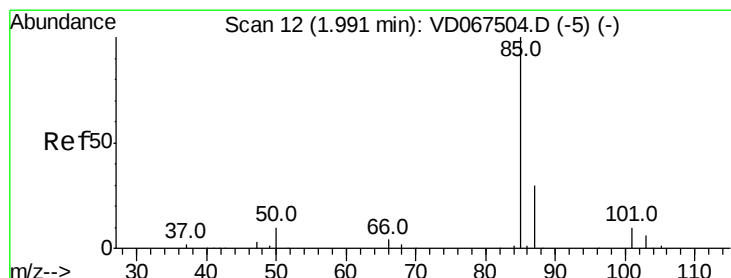
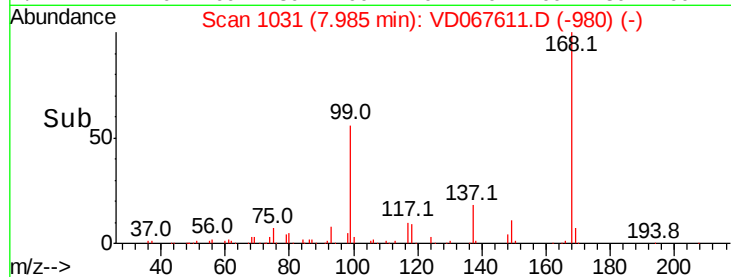
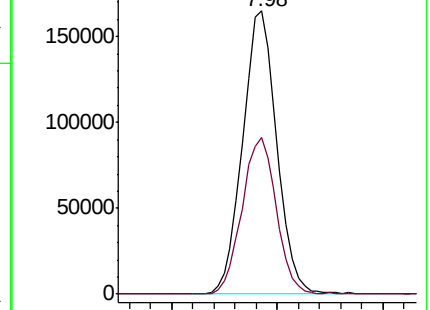
168 100

99 55.5 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: 2.17 min Scan# 43

Delta R.T. 0.18 min

Lab File: VD067611.D

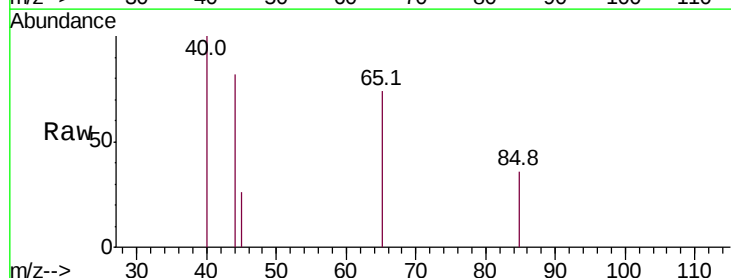
Acq: 11 Nov 2020 19:15

Tgt Ion: 85 Resp: 226

Ion Ratio Lower Upper

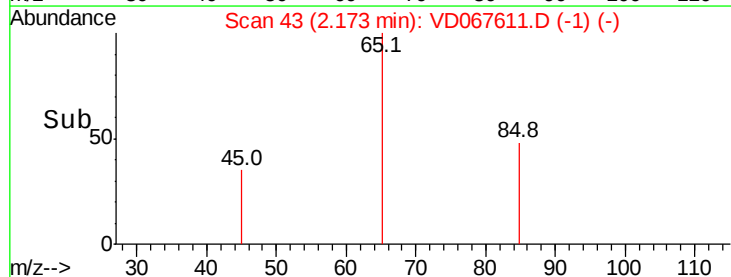
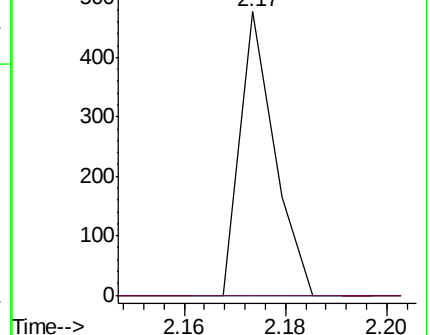
85 100

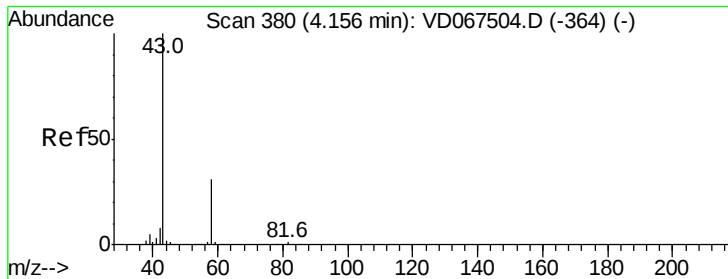
87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

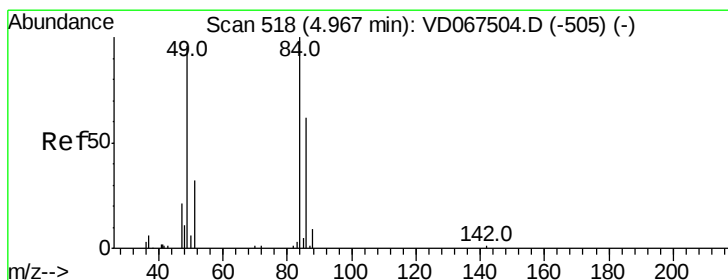
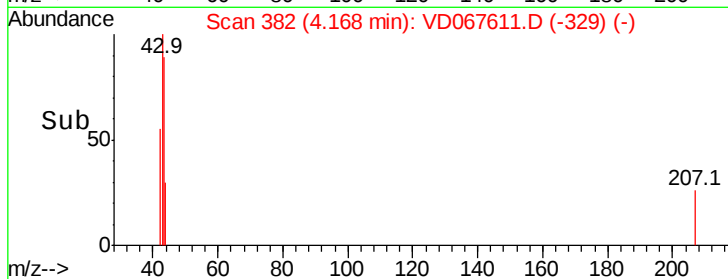
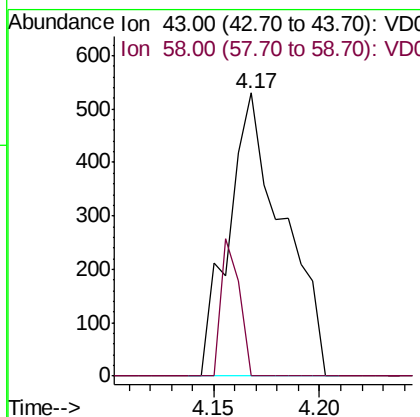
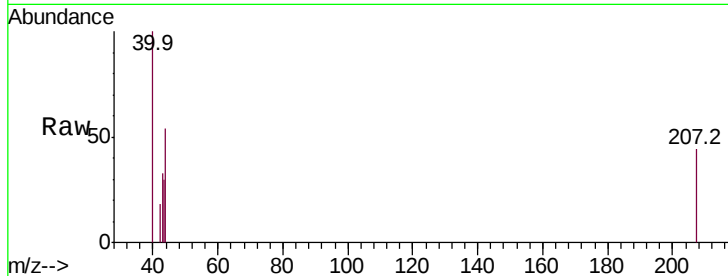




#16
Acetone
Concen: 1.957 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD067611.D
Acq: 11 Nov 2020 19:15

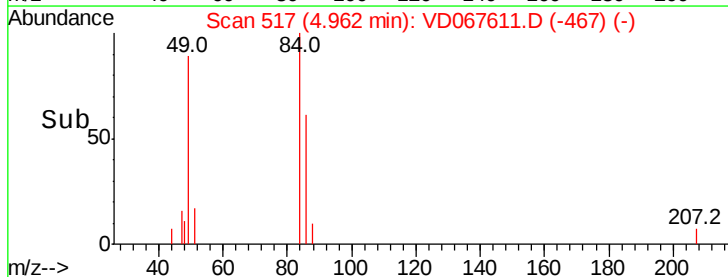
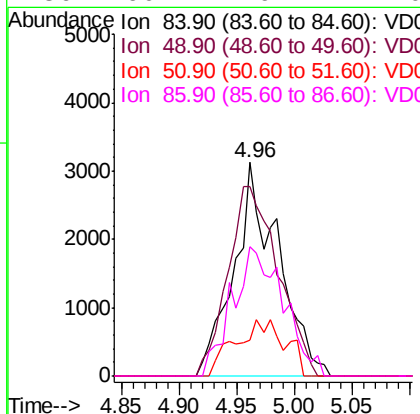
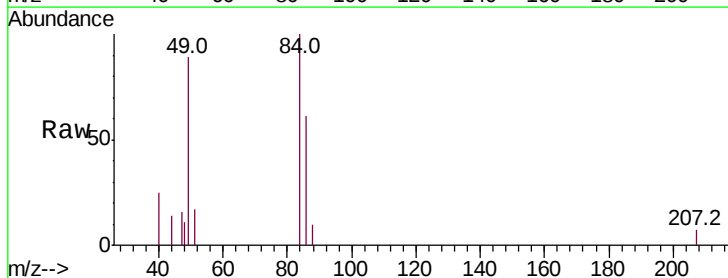
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TP-3A-S2

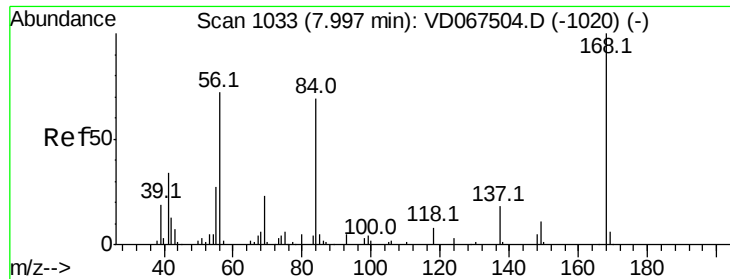
Tot Ion: 43 Resp: 946
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: 2.456 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067611.D
Acq: 11 Nov 2020 19:15

Tgt Ion: 84 Resp: 8384
Ion Ratio Lower Upper
84 100
49 88.6 77.0 115.4
51 16.6 25.4 38.2#
86 60.7 49.4 74.0

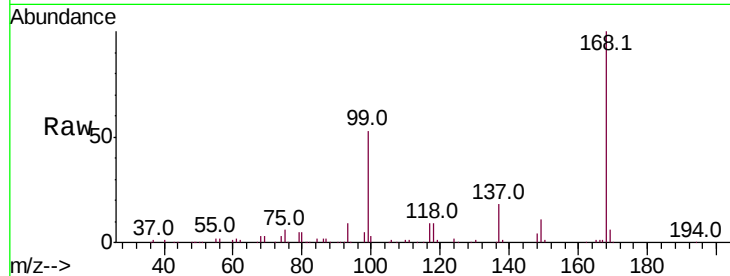




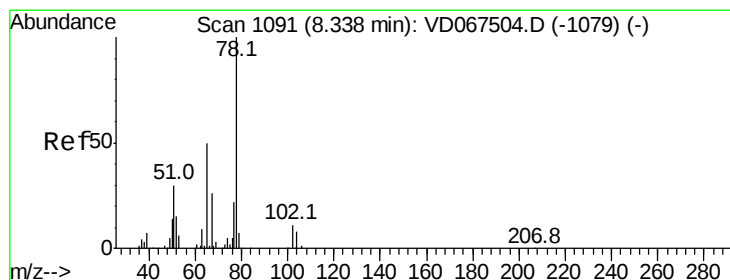
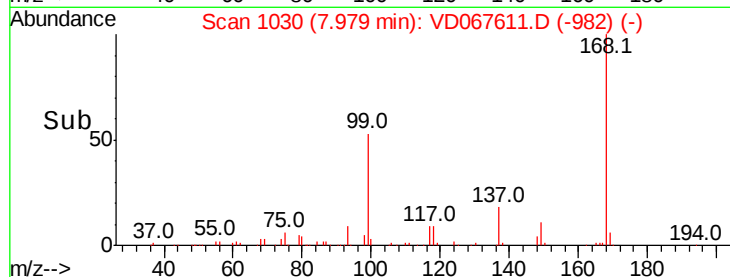
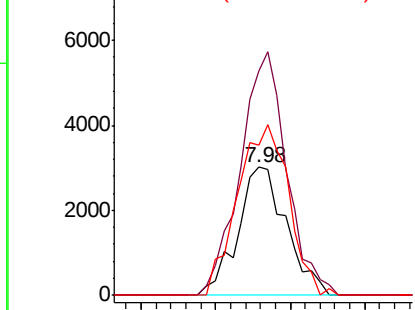
#31
Cyclohexane
Concen: 1.450 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067611.D
Acq: 11 Nov 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
TP-3A-S2

Tot Ion: 56 Resp: 6795
Ion Ratio Lower Upper
56 100
69 175.4 25.9 38.9#
84 117.4 76.2 114.4#

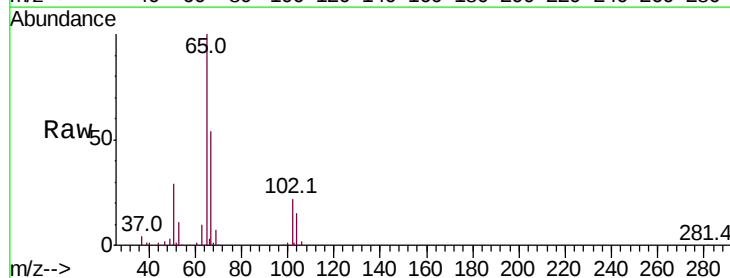


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

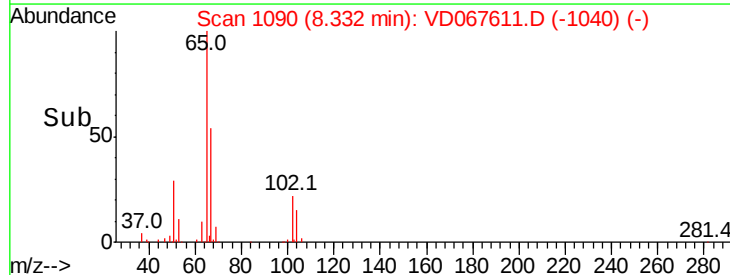
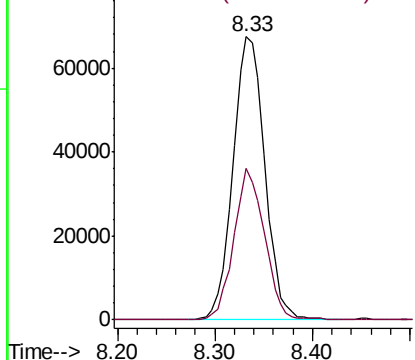


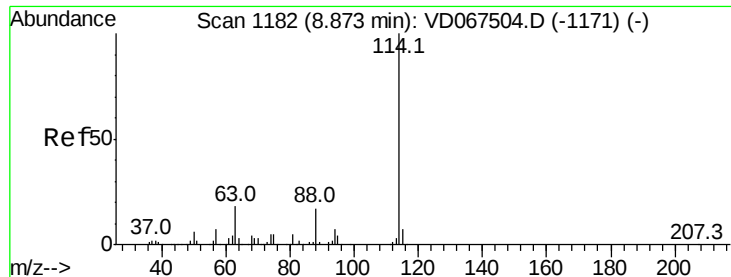
#33
1,2-Dichloroethane-d4
Concen: 47.232 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067611.D
Acq: 11 Nov 2020 19:15

Tgt Ion: 65 Resp: 152558
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

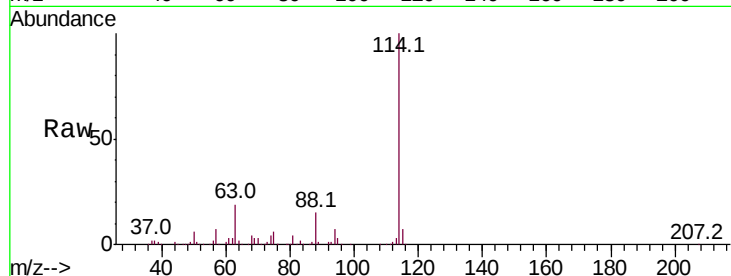




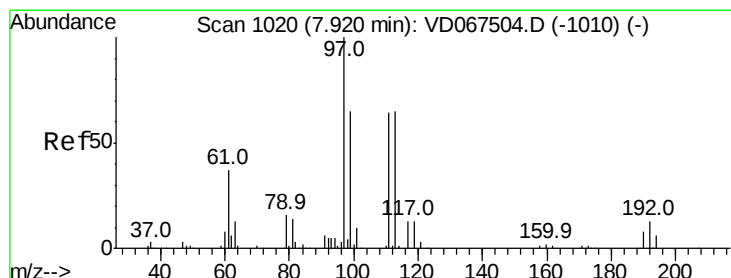
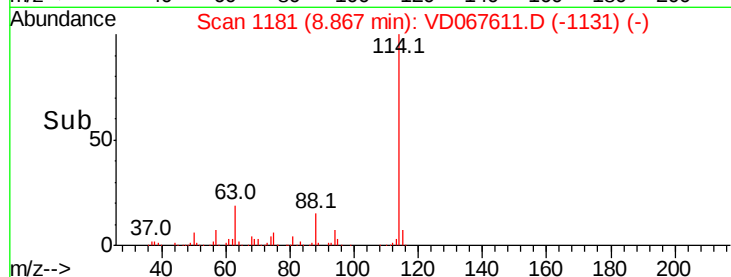
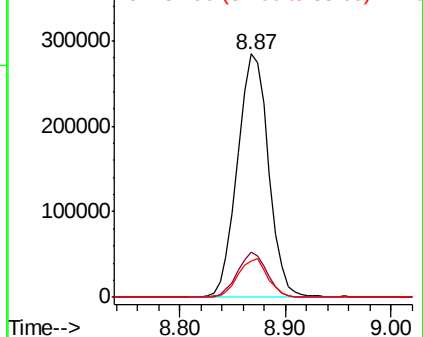
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067611.D
Acq: 11 Nov 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
TP-3A-S2

Tot Ion:114 Resp: 582933
Ion Ratio Lower Upper
114 100
63 18.8 0.0 35.0
88 14.8 0.0 33.0

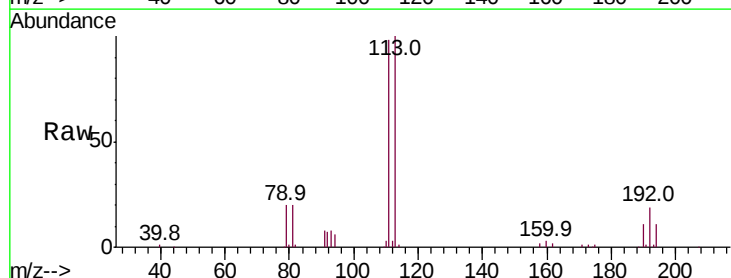


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

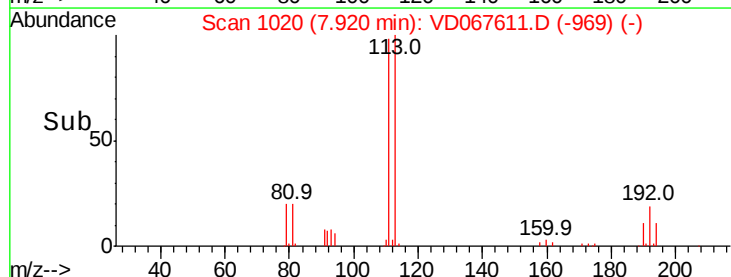
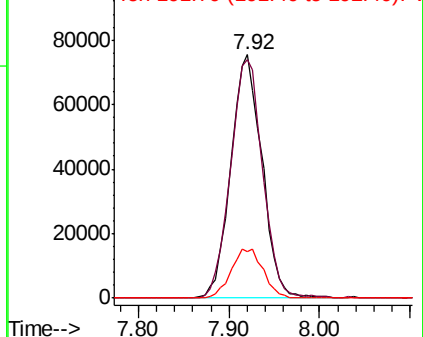


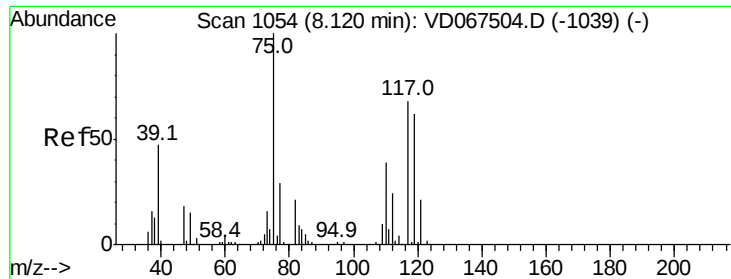
#35
Dibromofluoromethane
Concen: 51.388 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067611.D
Acq: 11 Nov 2020 19:15

Tgt Ion:113 Resp: 180481
Ion Ratio Lower Upper
113 100
111 100.5 80.0 120.0
192 20.9 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: 5.176 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.14 min

Lab File: VD067611.D

Acq: 11 Nov 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

TP-3A-S2

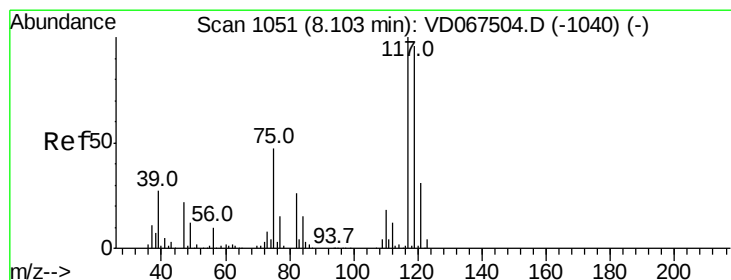
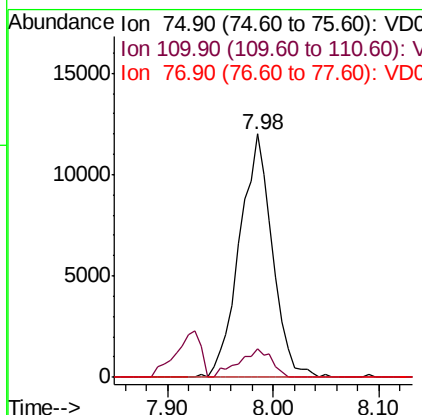
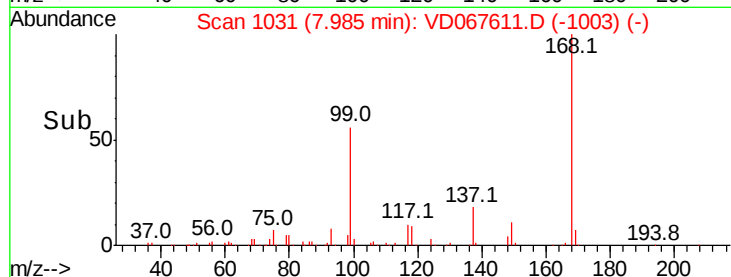
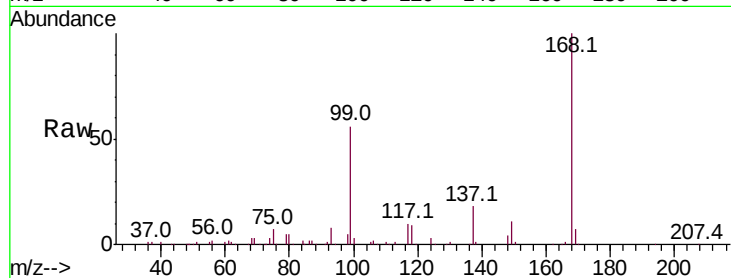
Tot Ion: 75 Resp: 25825

Ion Ratio Lower Upper

75 100

110 11.8 19.9 59.7#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.615 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067611.D

Acq: 11 Nov 2020 19:15

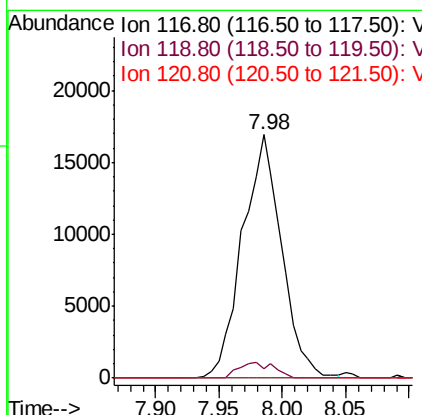
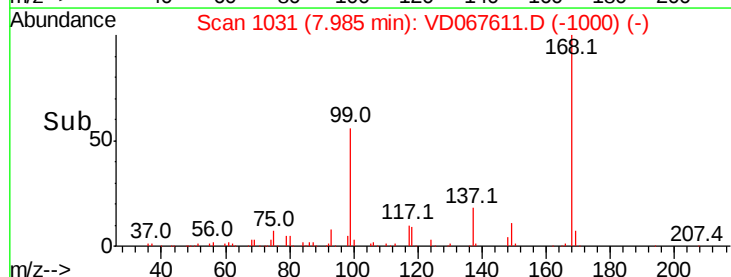
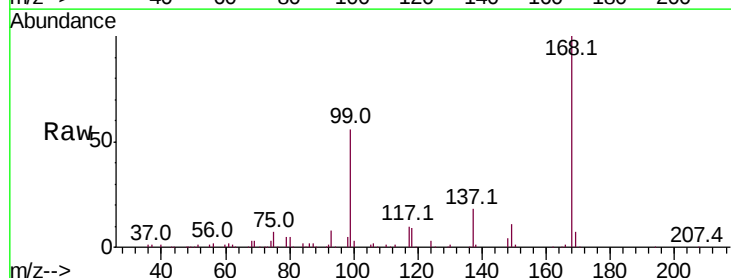
Tgt Ion: 117 Resp: 36404

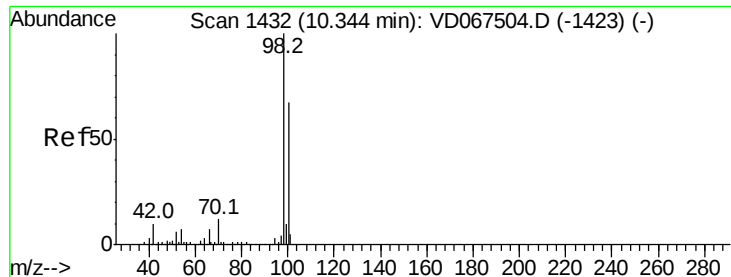
Ion Ratio Lower Upper

117 100

119 4.0 76.9 115.3#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 56.161 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067611.D

Acq: 11 Nov 2020 19:15

Instrument :

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ClientSampleId :

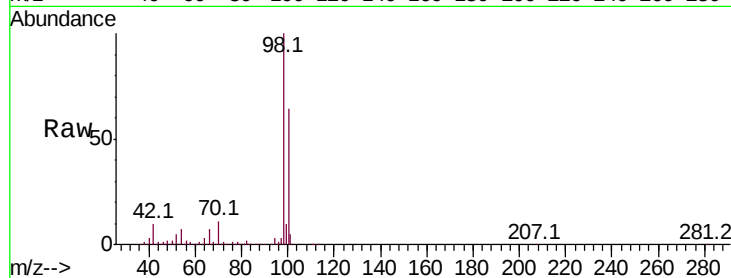
TP-3A-S2

Tot Ion: 98 Resp: 693175

Ion Ratio Lower Upper

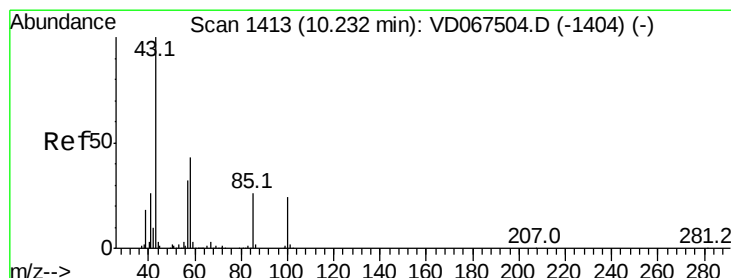
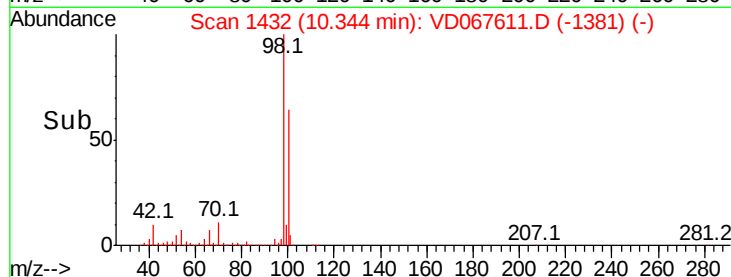
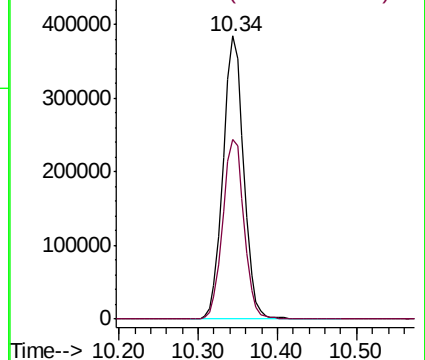
98 100

100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 1.822 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.11 min

Lab File: VD067611.D

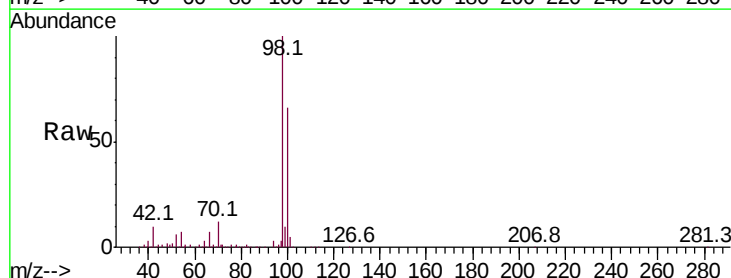
Acq: 11 Nov 2020 19:15

Tgt Ion: 43 Resp: 2233

Ion Ratio Lower Upper

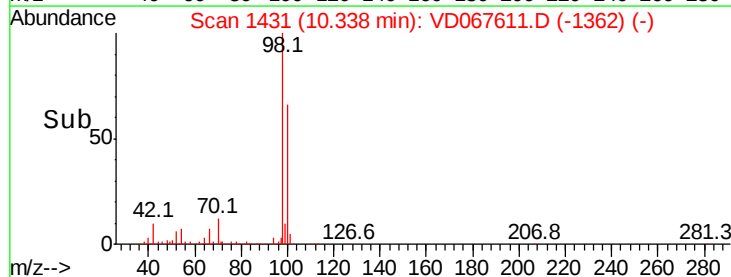
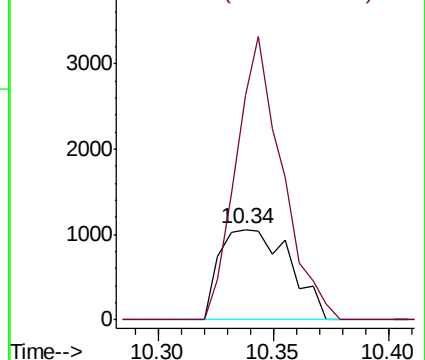
43 100

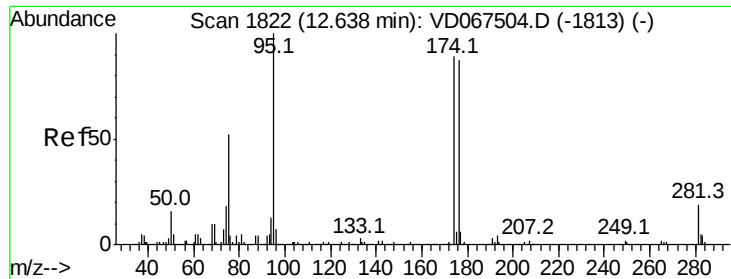
58 206.9 35.6 53.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

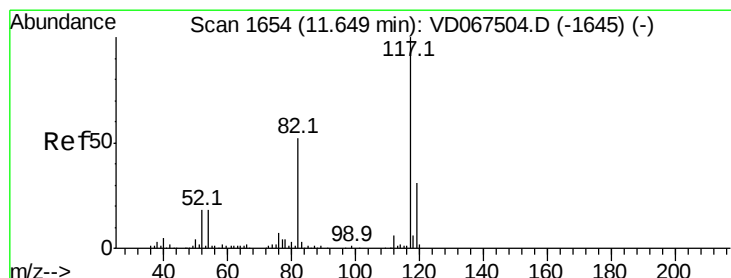
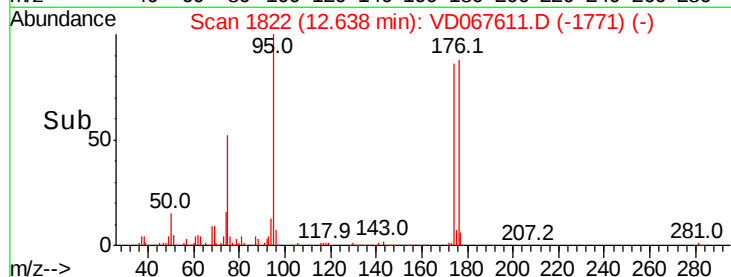
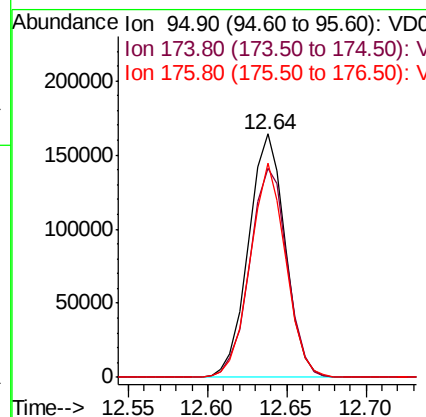
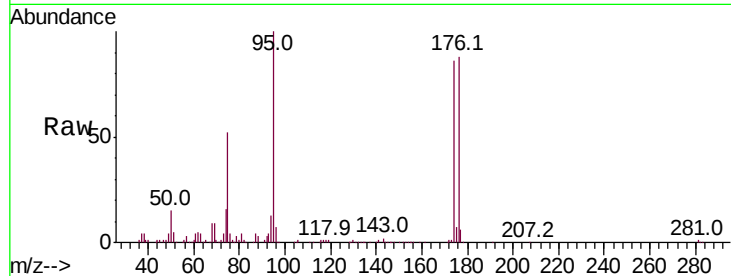




#62
4-Bromofluorobenzene
Concen: 62.178 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067611.D
Acq: 11 Nov 2020 19:15

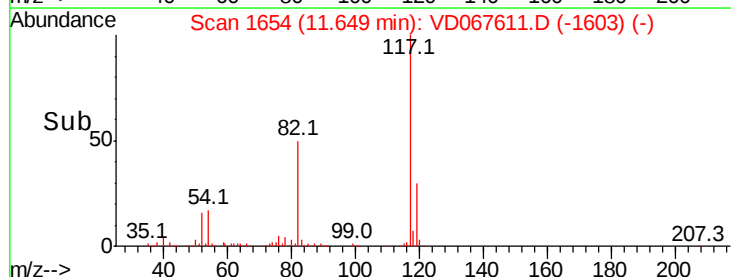
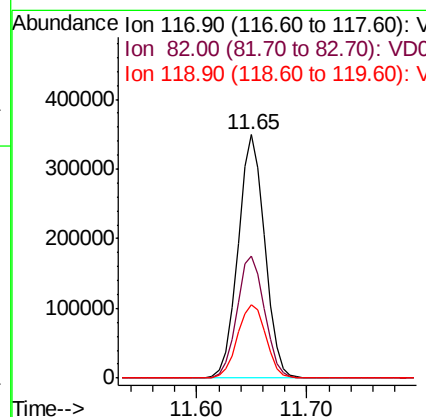
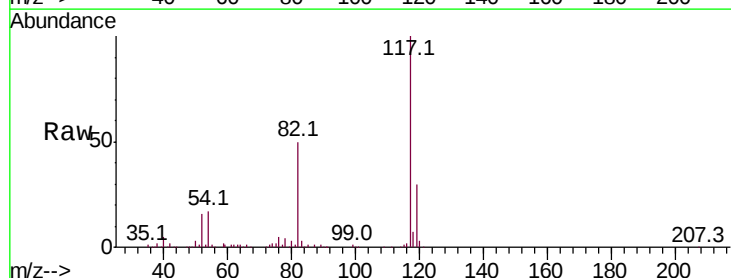
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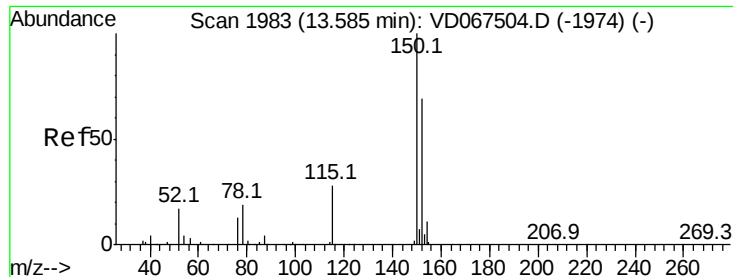
Tot Ion: 95 Resp: 264955
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.8
176 85.0 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067611.D
Acq: 11 Nov 2020 19:15

Tgt Ion: 117 Resp: 592977
Ion Ratio Lower Upper
117 100
82 50.0 41.6 62.4
119 29.9 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: VD067611.D

Acq: 11 Nov 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

TP-3A-S2

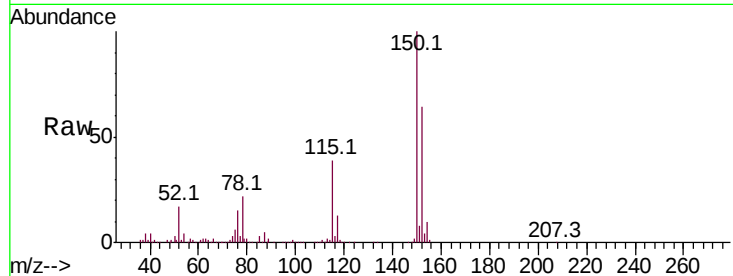
Tot Ion:152 Resp: 300847

Ion Ratio Lower Upper

152 100

115 59.7 29.3 88.0

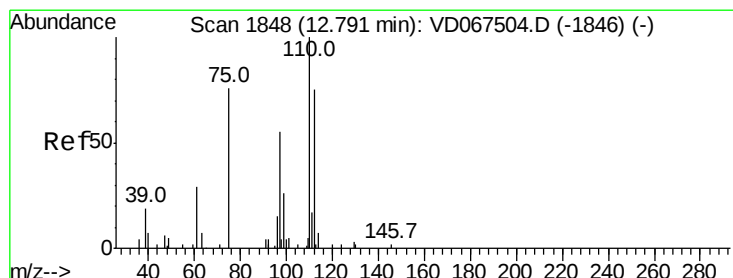
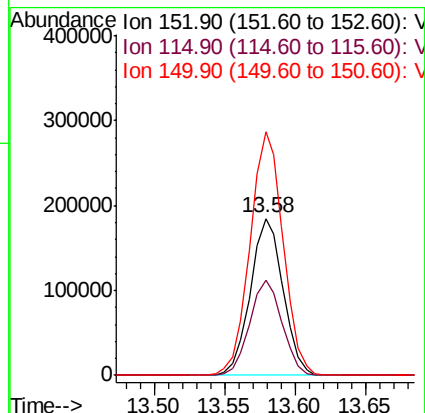
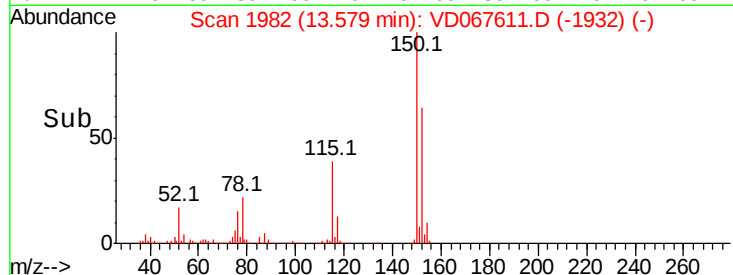
150 156.1 0.0 338.2



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



#76

1,2,3-Trichloropropane

Concen: 73.710 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067611.D

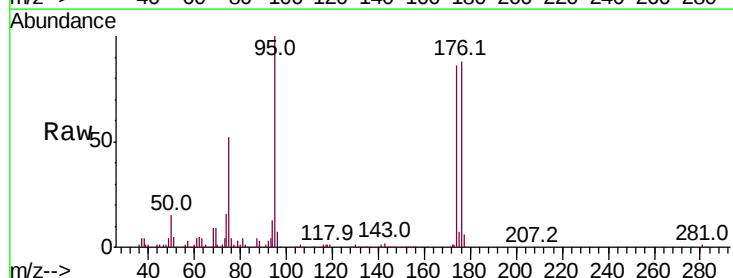
Acq: 11 Nov 2020 19:15

Tgt Ion: 75 Resp: 133775

Ion Ratio Lower Upper

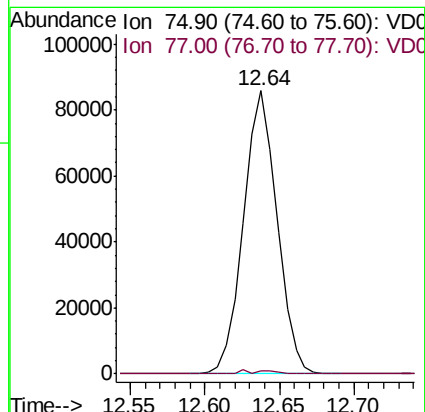
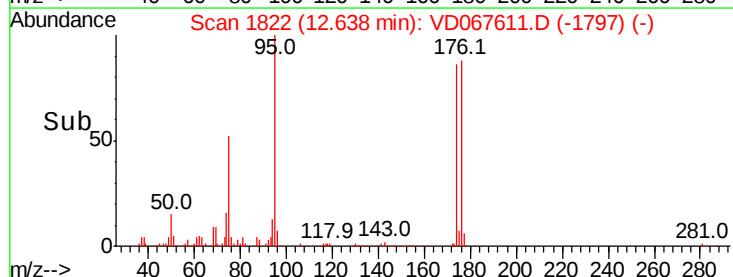
75 100

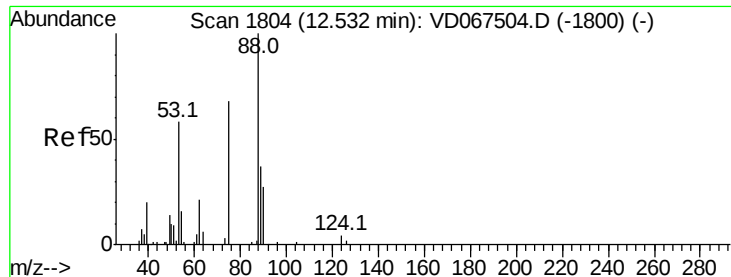
77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 149.651 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067611.D

Acq: 11 Nov 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

TP-3A-S2

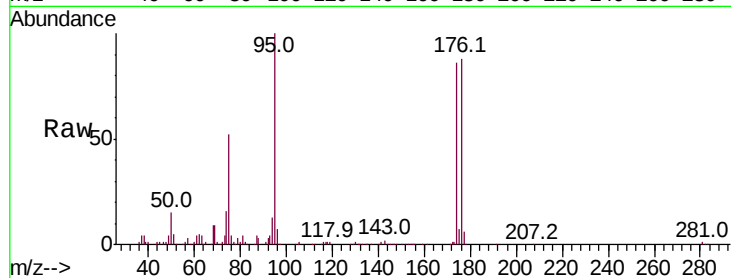
Tot Ion: 75 Resp: 133775

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.1 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

