

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120920\
 Data File : VD067925.D
 Acq On : 09 Dec 2020 13:52
 Operator : VA/SY
 Sample : L4913-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-3

Quant Time: Dec 10 03:42:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	218157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	295922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	257677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	114743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	101567	43.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.74%
35) Dibromofluoromethane	7.91	113	88021	44.45	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.90%
50) Toluene-d8	10.34	98	332878	46.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.40%
62) 4-Bromofluorobenzene	12.64	95	107948	43.80	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.60%

Target Compounds

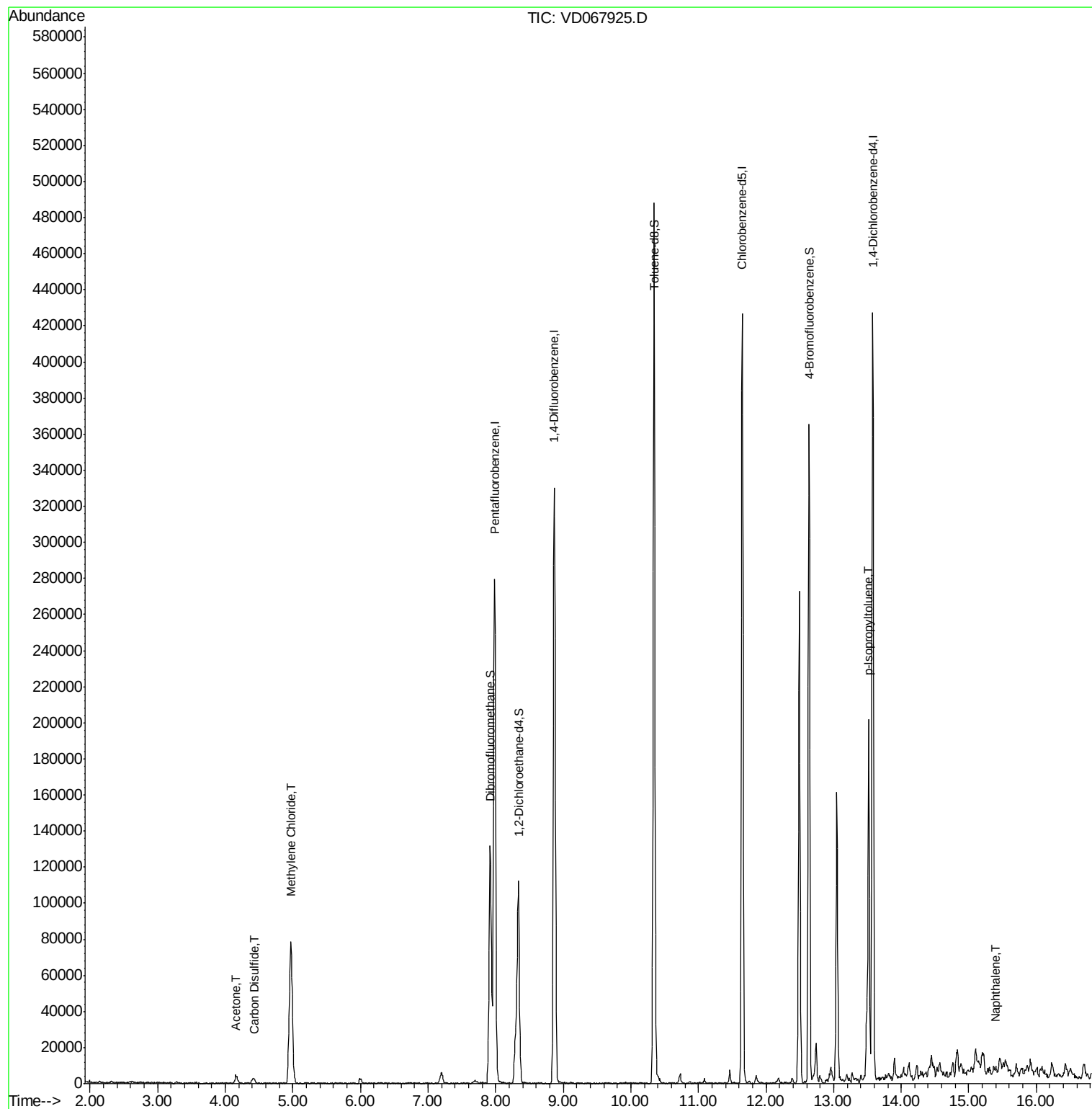
					Qvalue
16) Acetone	4.16	43	7840	27.091	ug/l 93
17) Carbon Disulfide	4.43	76	6346	1.257	ug/l # 74
20) Methylene Chloride	4.97	84	71498	37.078	ug/l 91
86) p-Isopropyltoluene	13.52	119	111505	14.662	ug/l 95
95) Naphthalene	15.40	128	4698	1.258	ug/l # 91

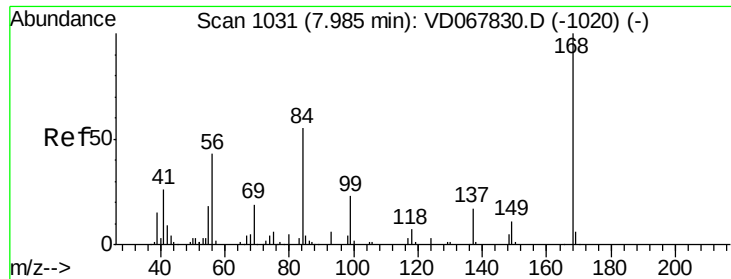
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA D/SOIL
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MSVOA_D
ClientSampleId :
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Quant Time: Dec 10 03:42:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 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: VD067925.D

Acq: 09 Dec 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

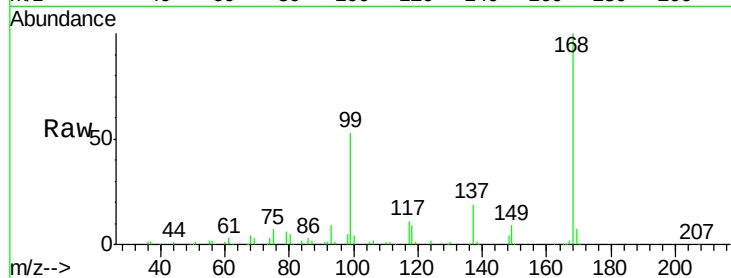
TEST-PIT-3

Tot Ion:168 Resp: 218157

Ion Ratio Lower Upper

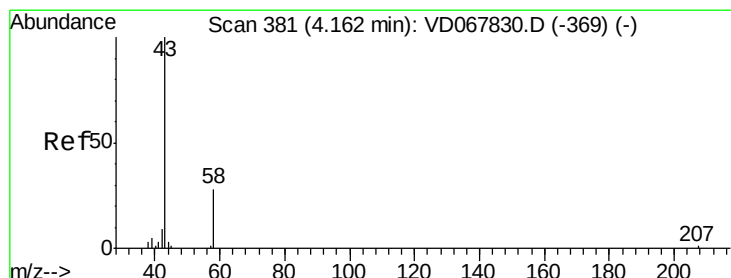
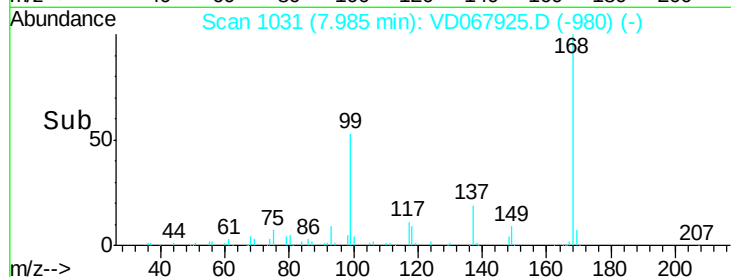
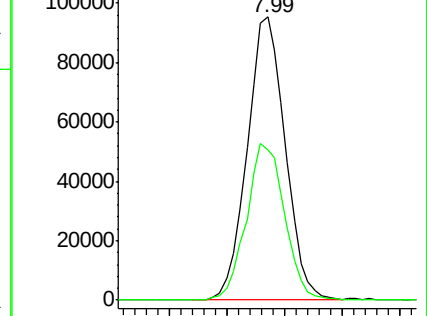
168 100

99 53.3 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 27.091 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067925.D

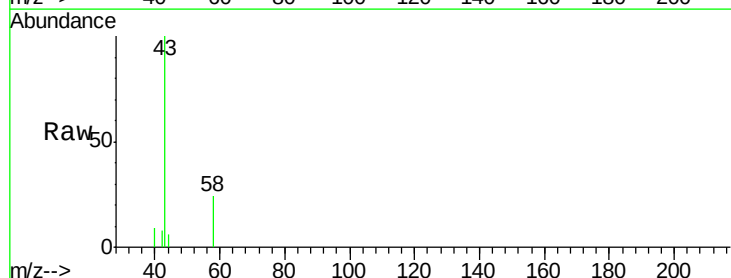
Acq: 09 Dec 2020 13:52

Tgt Ion: 43 Resp: 7840

Ion Ratio Lower Upper

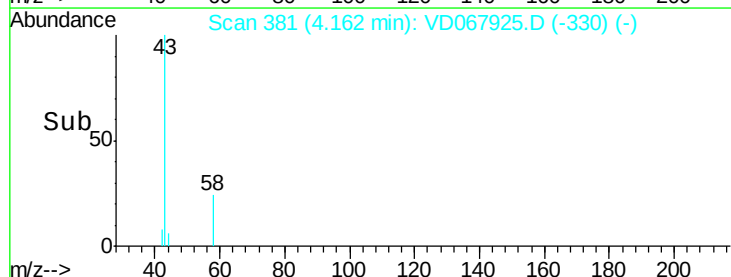
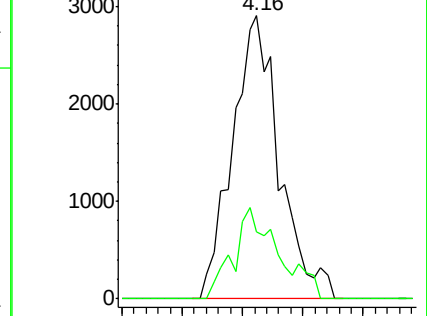
43 100

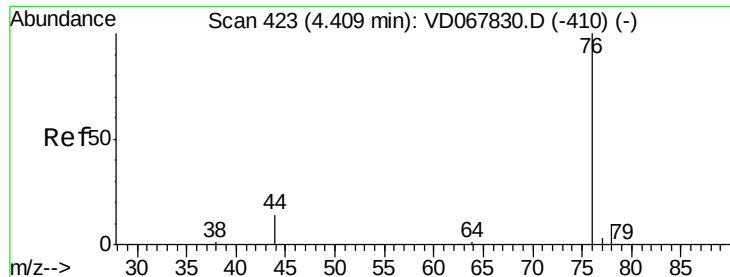
58 23.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 1.257 ug/l

RT: 4.43 min Scan# 426

Delta R.T. 0.02 min

Lab File: VD067925.D

Acq: 09 Dec 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

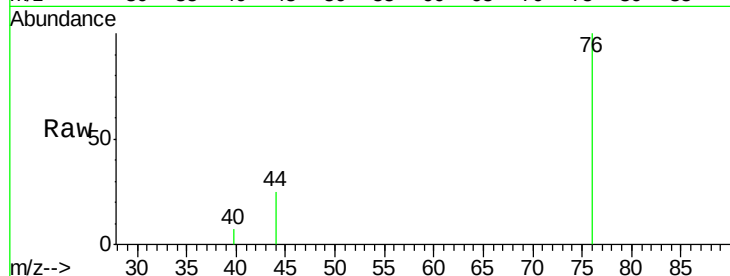
TEST-PIT-3

Tot Ion: 76 Resp: 6346

Ion Ratio Lower Upper

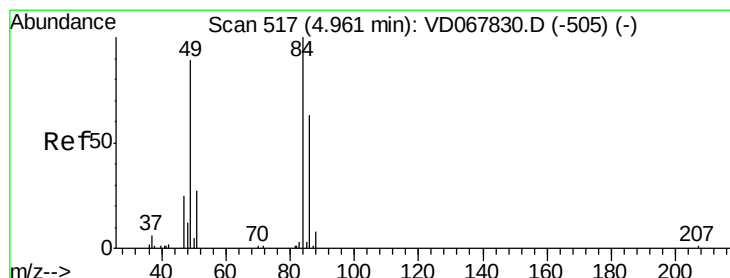
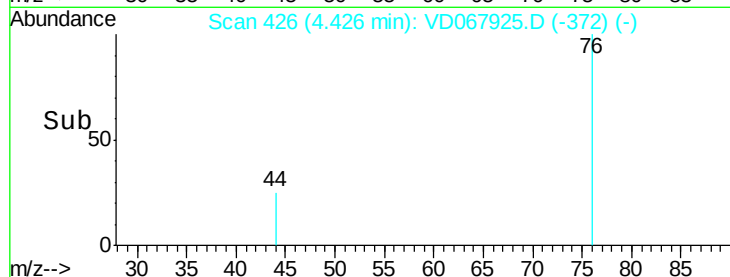
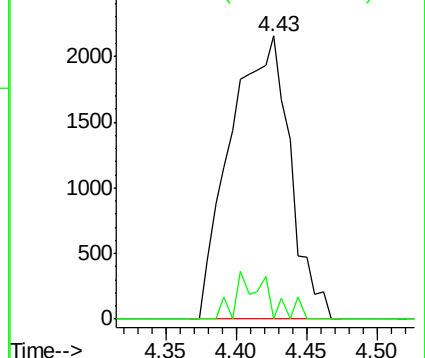
76 100

78 0.0 7.8 11.6#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#20

Methylene Chloride

Concen: 37.078 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD067925.D

Acq: 09 Dec 2020 13:52

Tgt Ion: 84 Resp: 71498

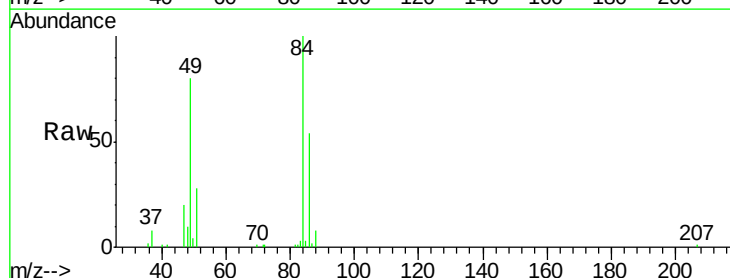
Ion Ratio Lower Upper

84 100

49 79.7 71.4 107.0

51 27.5 21.8 32.8

86 54.3 50.6 75.8

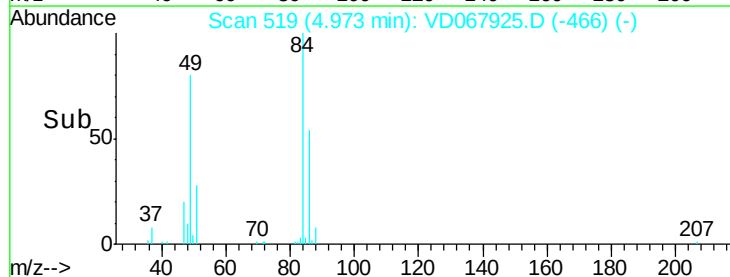
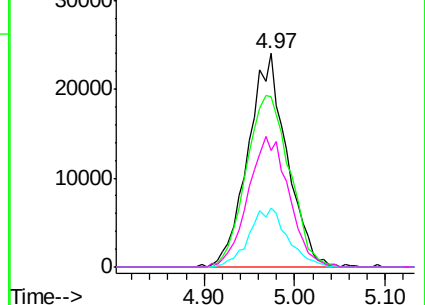


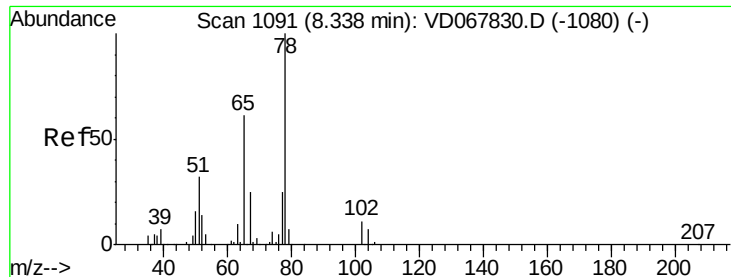
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

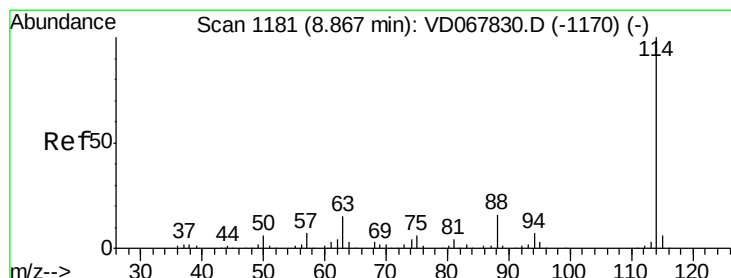
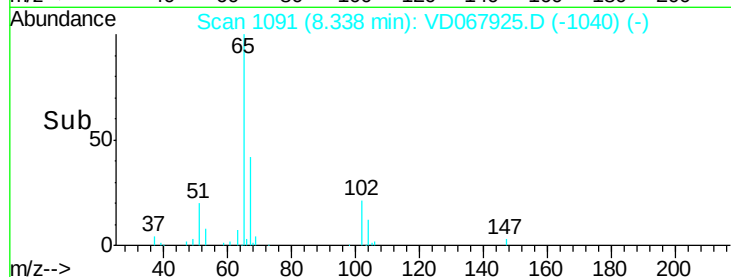
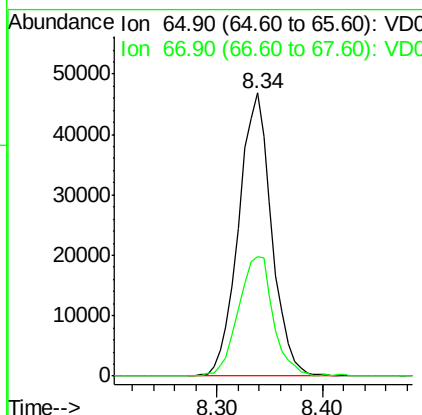
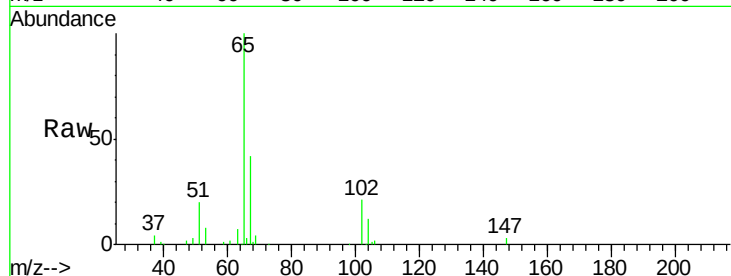




#33
 1,2-Dichloroethane-d4
 Concen: 43.368 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067925.D
 Acq: 09 Dec 2020 13:52

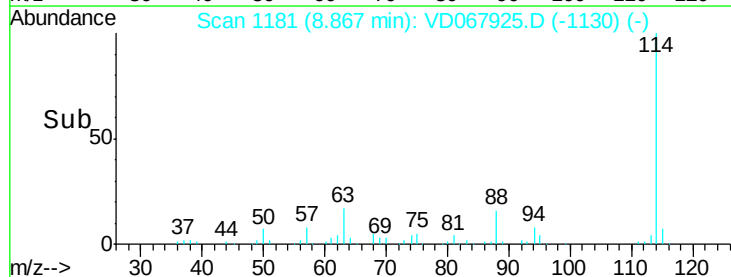
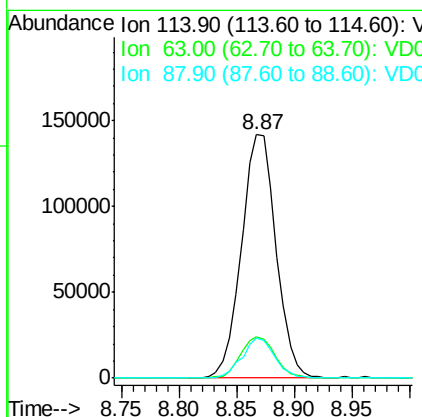
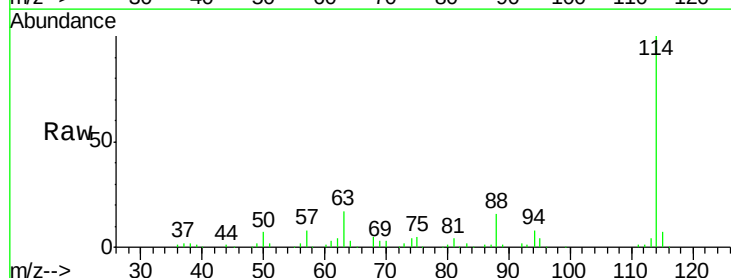
Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-3

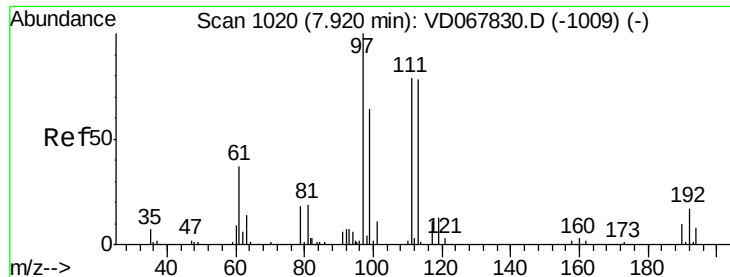
Tot Ion: 65 Resp: 101567
 Ion Ratio Lower Upper
 65 100
 67 44.6 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067925.D
 Acq: 09 Dec 2020 13:52

Tgt Ion: 114 Resp: 295922
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 30.8
 88 16.2 0.0 31.8

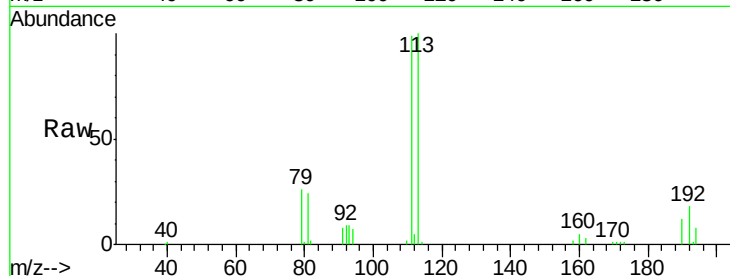




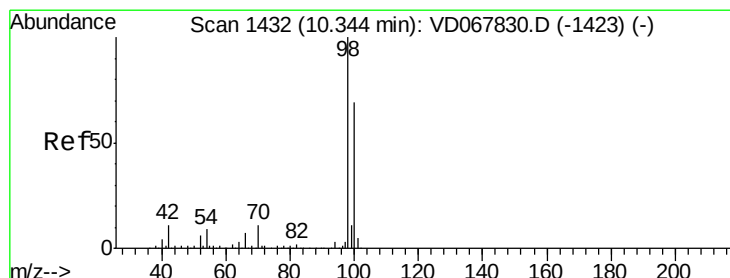
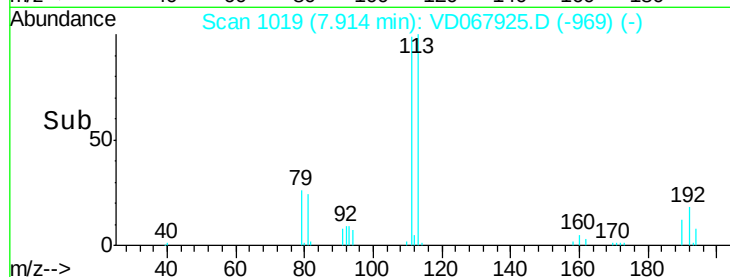
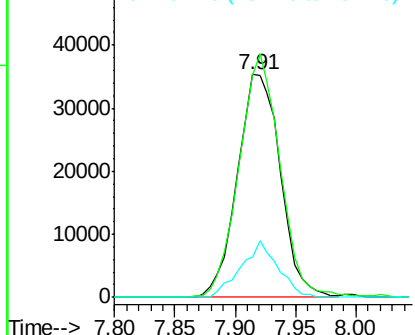
#35
 Dibromofluoromethane
 Concen: 44.452 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067925.D
 Acq: 09 Dec 2020 13:52

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-3

Tot Ion:113 Resp: 88021
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.2 121.8
 192 21.7 16.8 25.2

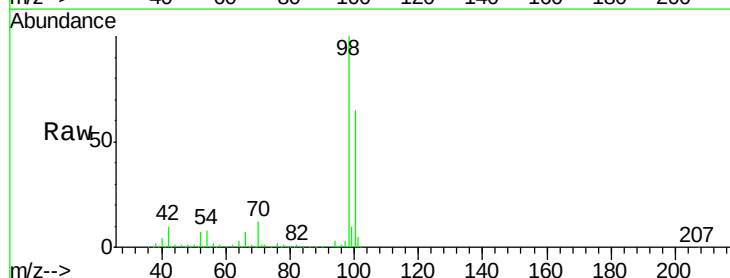


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

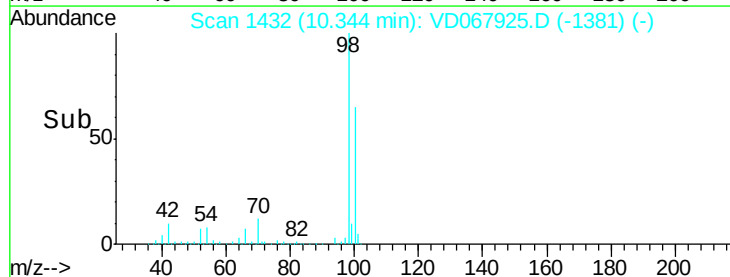
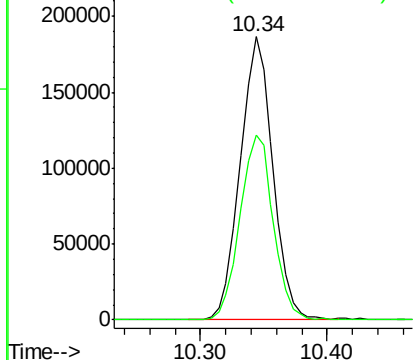


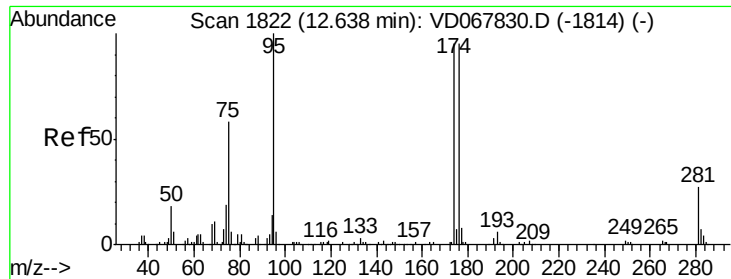
#50
 Toluene-d8
 Concen: 46.699 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067925.D
 Acq: 09 Dec 2020 13:52

Tgt Ion: 98 Resp: 332878
 Ion Ratio Lower Upper
 98 100
 100 67.1 52.9 79.3



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

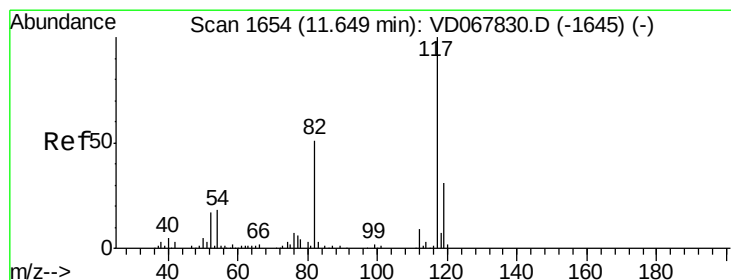
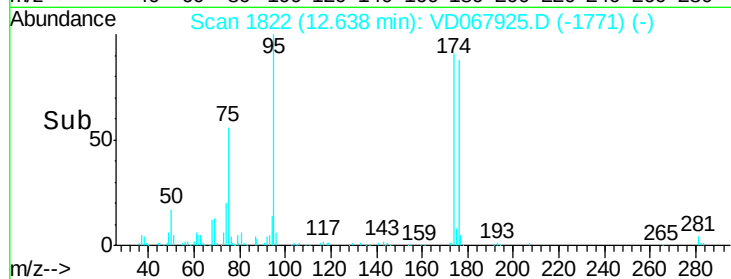
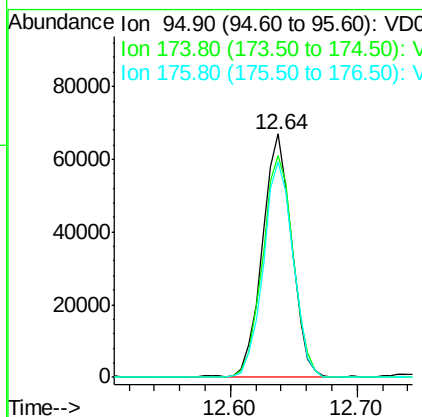
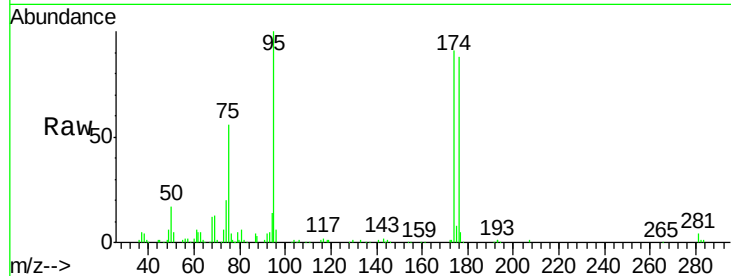




#62
4-Bromofluorobenzene
Concen: 43.803 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067925.D
Acq: 09 Dec 2020 13:52

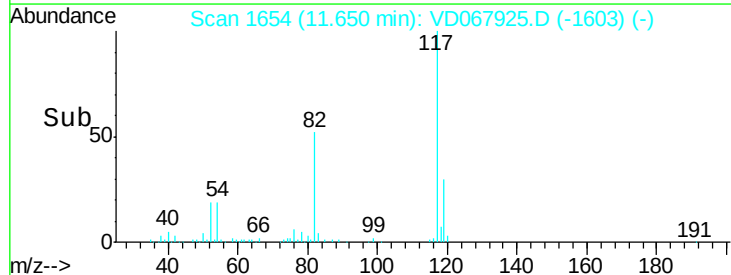
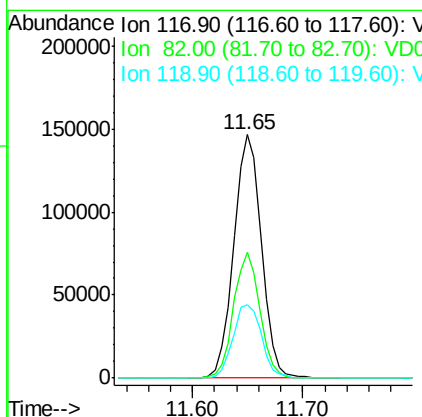
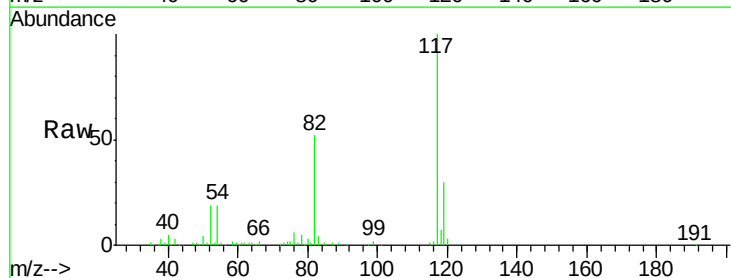
Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-3

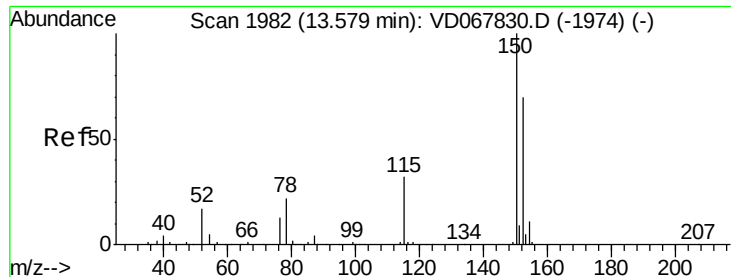
Tot Ion: 95 Resp: 107948
Ion Ratio Lower Upper
95 100
174 94.7 0.0 186.0
176 89.8 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067925.D
Acq: 09 Dec 2020 13:52

Tgt Ion: 117 Resp: 257677
Ion Ratio Lower Upper
117 100
82 51.9 40.6 60.8
119 30.1 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067925.D

Acq: 09 Dec 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

TEST-PIT-3

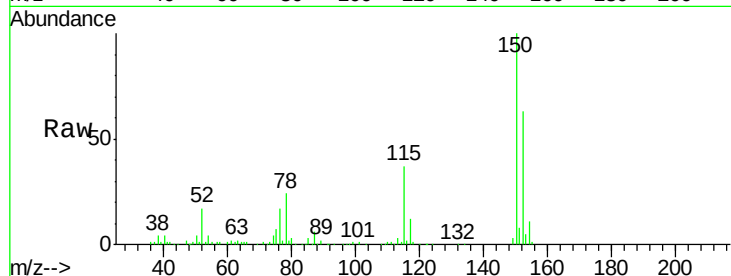
Tot Ion:152 Resp: 114743

Ion Ratio Lower Upper

152 100

115 58.8 29.1 87.4

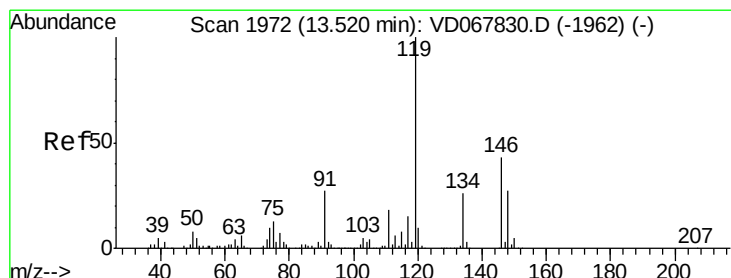
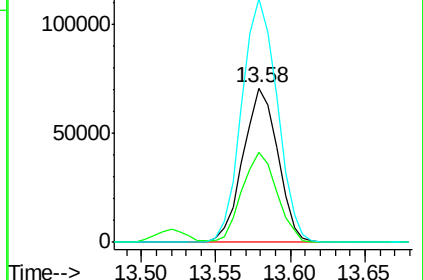
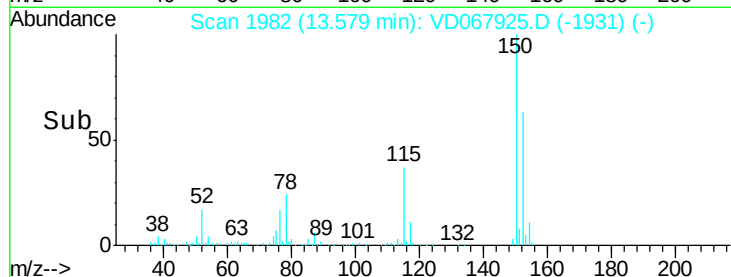
150 161.0 0.0 339.0



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



#86

p-Isopropyltoluene

Concen: 14.662 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067925.D

Acq: 09 Dec 2020 13:52

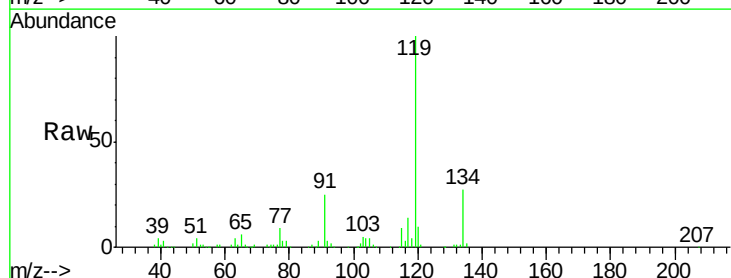
Tgt Ion:119 Resp: 111505

Ion Ratio Lower Upper

119 100

134 28.0 13.1 39.3

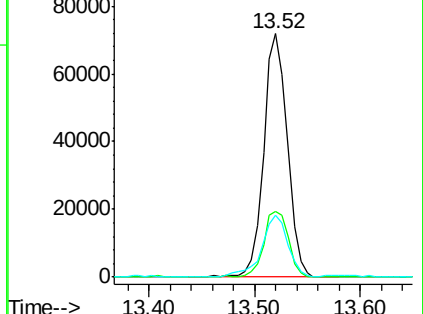
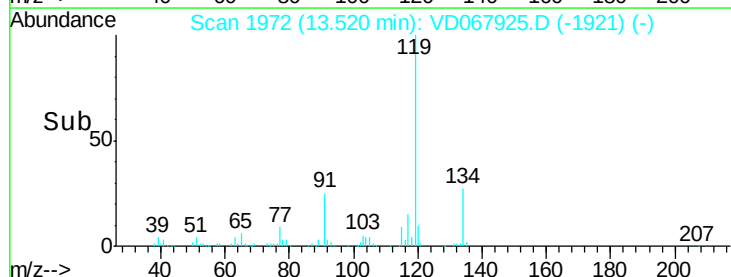
91 28.3 12.8 38.3

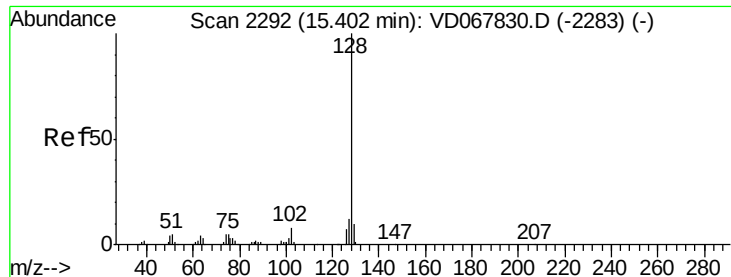


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 1.258 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067925.D

Acq: 09 Dec 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

TEST-PIT-3

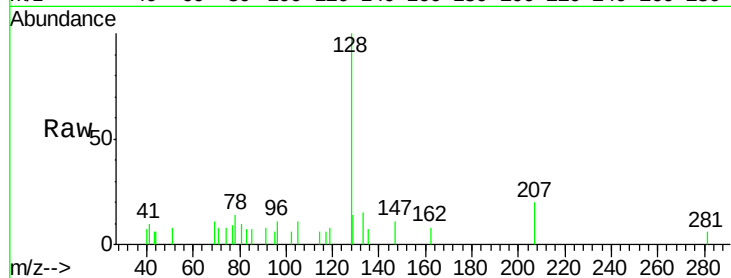
Tot Ion:128 Resp: 4698

Ion Ratio Lower Upper

128 100

127 8.3 10.6 15.8#

129 9.5 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

