

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067819.D
 Acq On : 30 Nov 2020 17:27
 Operator : VA/SY
 Sample : L4880-07
 Misc : 4.86G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-6-8

Quant Time: Dec 01 00:51:46 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	190494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	282435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	262365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	130918	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	93593	50.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.06%
35) Dibromofluoromethane	7.92	113	85642	47.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.30%
50) Toluene-d8	10.34	98	294862	44.87	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.74%
62) 4-Bromofluorobenzene	12.64	95	98746	43.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.92%

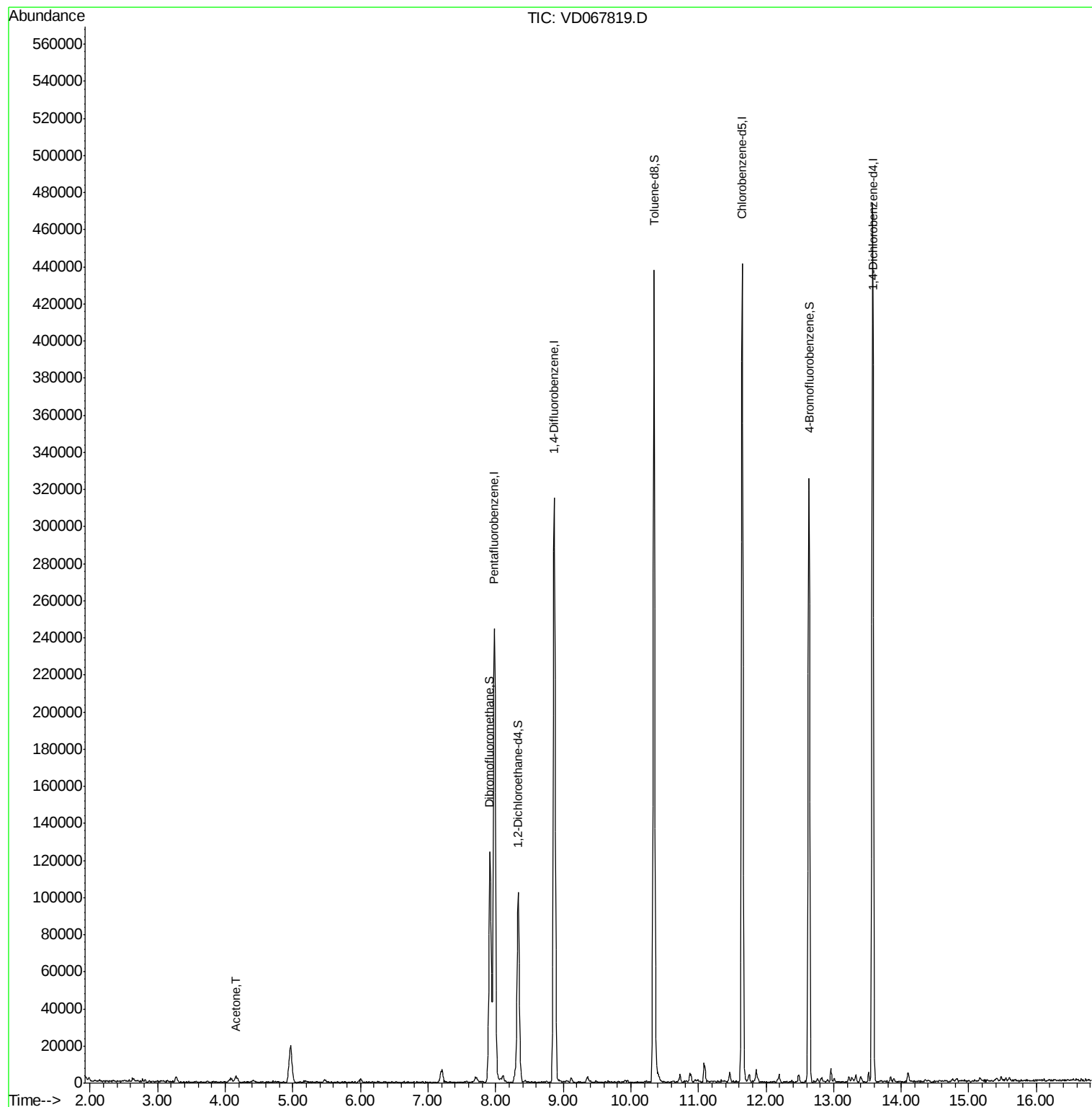
Target Compounds					Qvalue
16) Acetone	4.16	43	6534	27.307 ug/l #	80

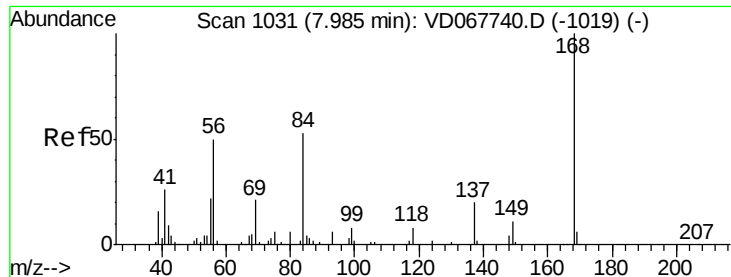
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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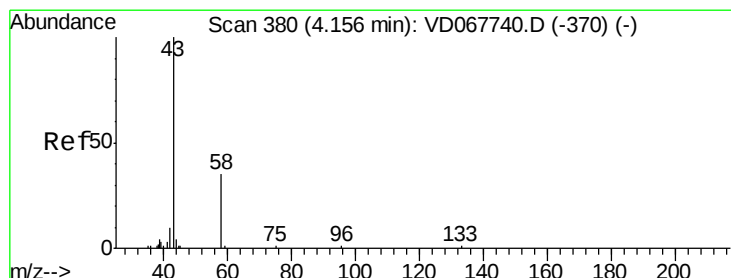
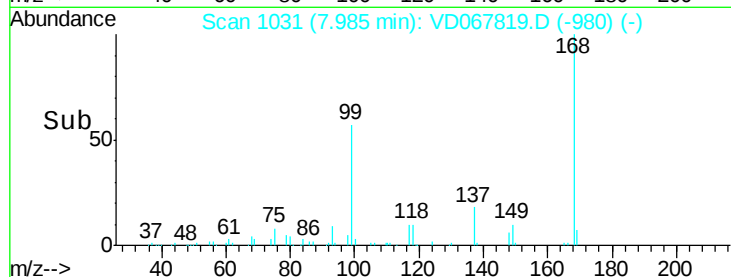
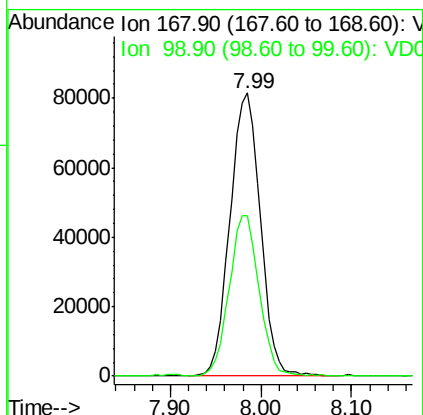
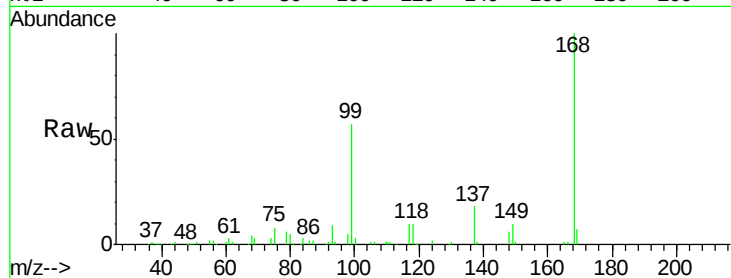




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067819.D
Acq: 30 Nov 2020 17:27

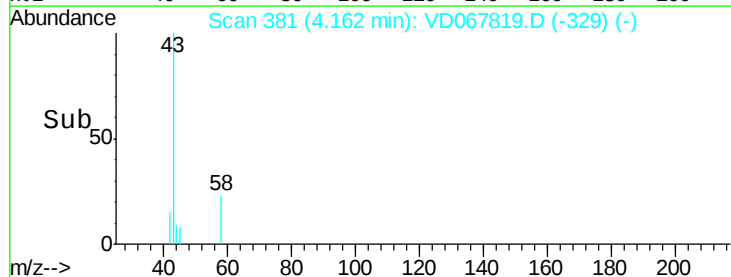
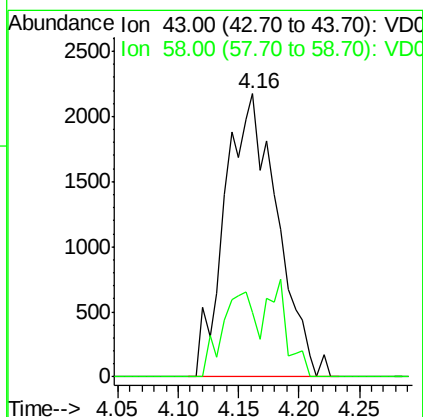
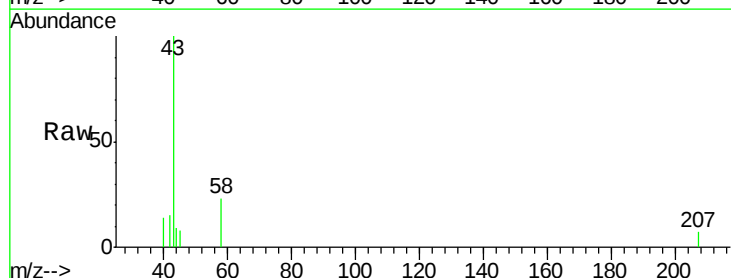
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-6-8

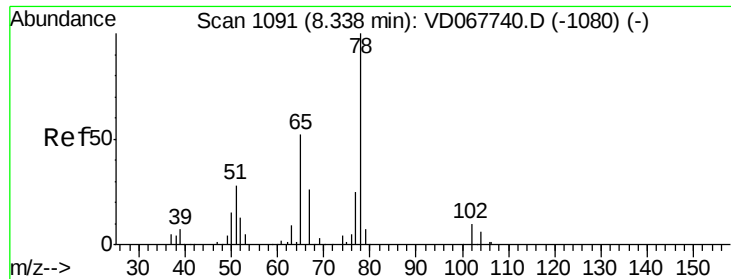
Tot Ion:168 Resp: 190494
Ion Ratio Lower Upper
168 100
99 56.6 43.8 65.8



#16
Acetone
Concen: 27.307 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD067819.D
Acq: 30 Nov 2020 17:27

Tgt Ion: 43 Resp: 6534
Ion Ratio Lower Upper
43 100
58 22.8 27.6 41.4#





#33

1,2-Dichloroethane-d4

Concen: 50.531 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067819.D

Acq: 30 Nov 2020 17:27

Instrument :

MSVOA_D

ClientSampleId :

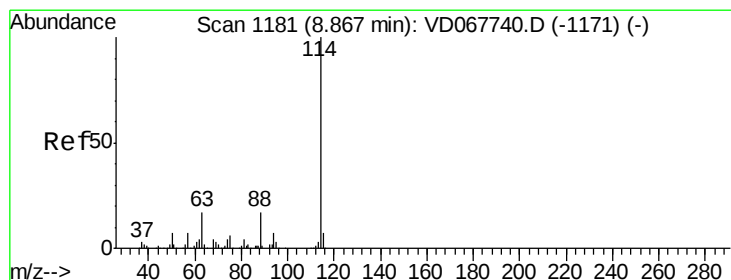
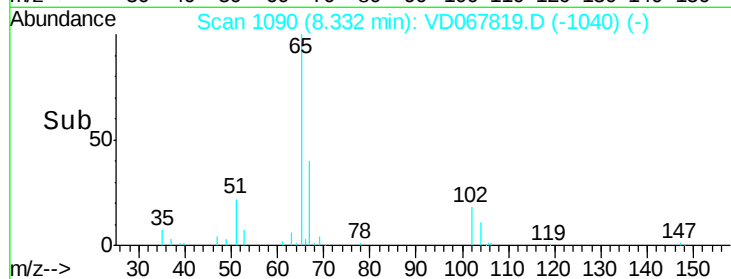
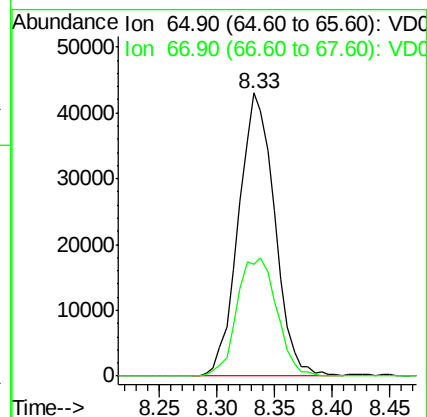
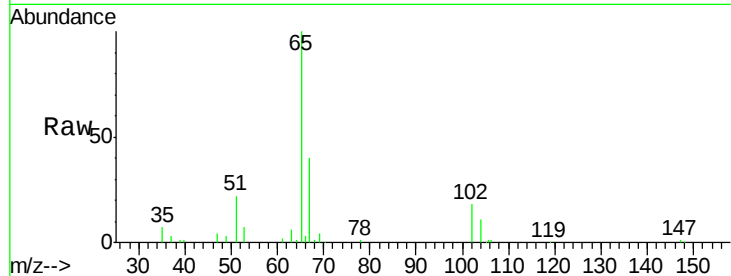
KENS-B4-112320-6-8

Tot Ion: 65 Resp: 93593

Ion Ratio Lower Upper

65 100

67 45.7 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: VD067819.D

Acq: 30 Nov 2020 17:27

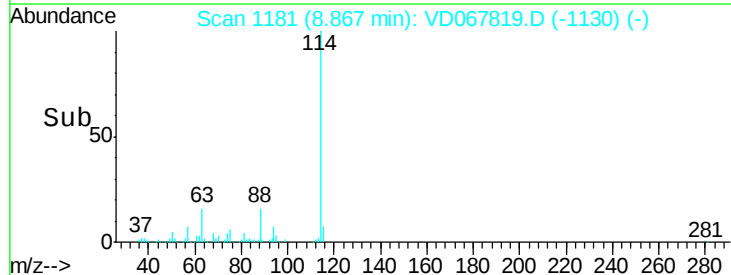
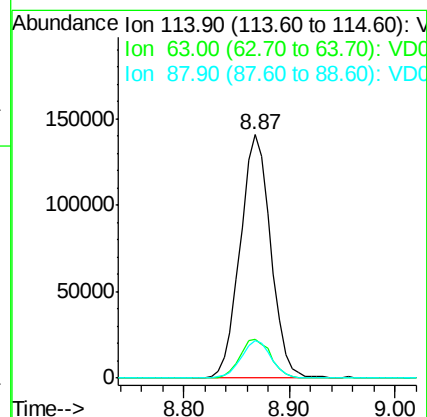
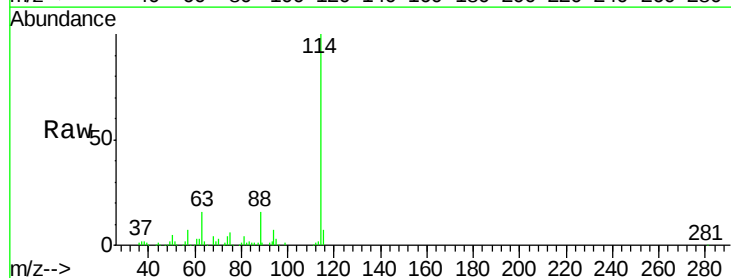
Tgt Ion: 114 Resp: 282435

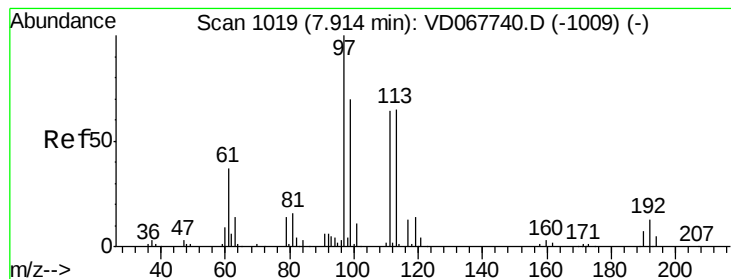
Ion Ratio Lower Upper

114 100

63 16.1 0.0 34.8

88 15.6 0.0 34.4





#35

Dibromofluoromethane

Concen: 47.647 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067819.D

Acq: 30 Nov 2020 17:27

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-6-8

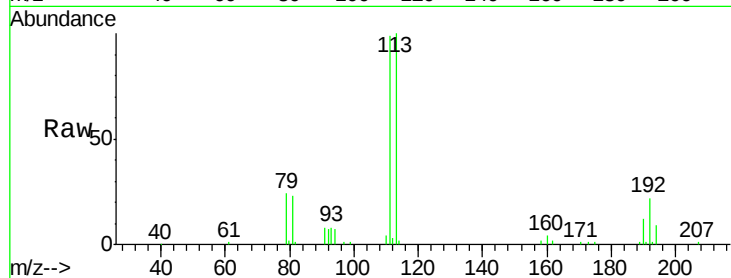
Tot Ion:113 Resp: 85642

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

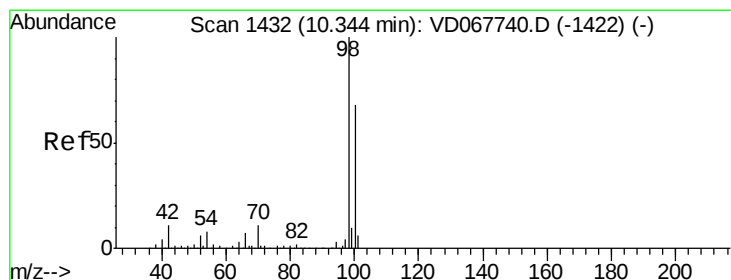
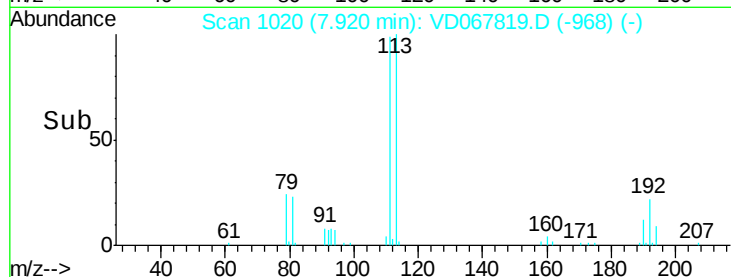
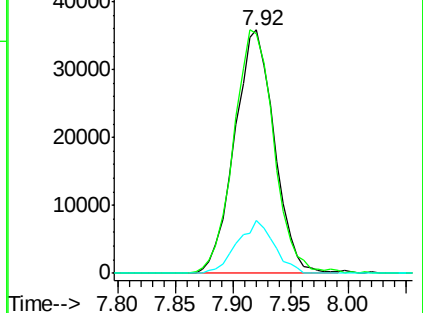
192 19.9 17.0 25.4



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



#50

Toluene-d8

Concen: 44.870 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067819.D

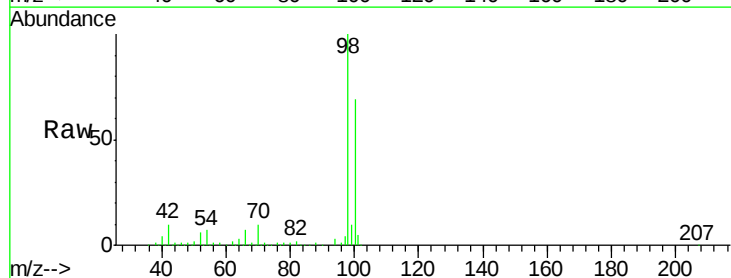
Acq: 30 Nov 2020 17:27

Tgt Ion: 98 Resp: 294862

Ion Ratio Lower Upper

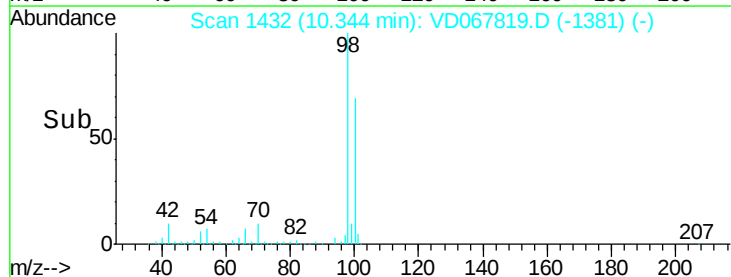
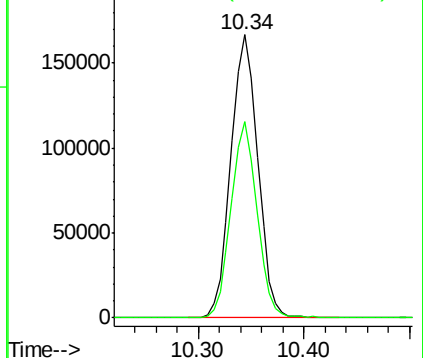
98 100

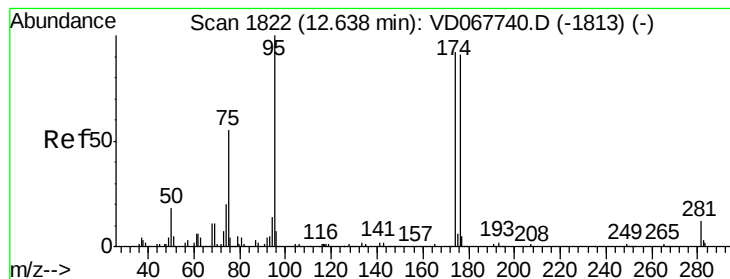
100 66.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.962 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067819.D

Acq: 30 Nov 2020 17:27

Instrument :

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ClientSampleId :

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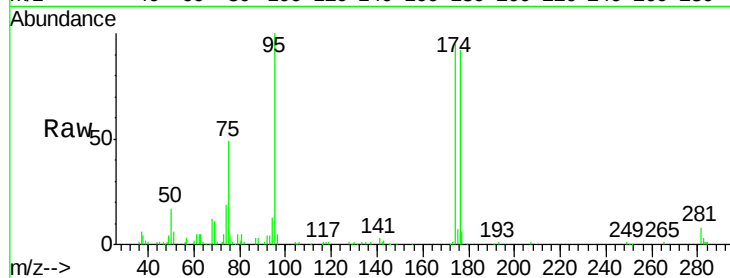
Tot Ion: 95 Resp: 98746

Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.4

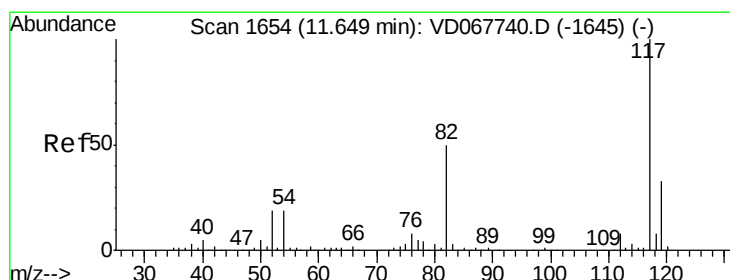
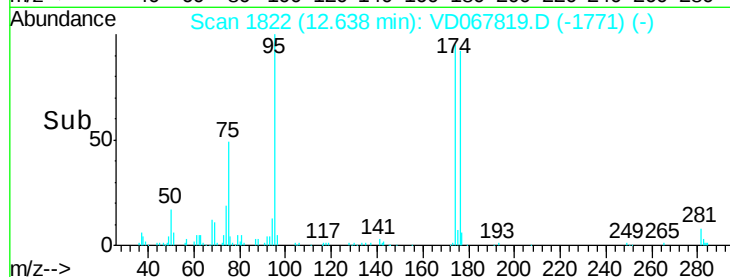
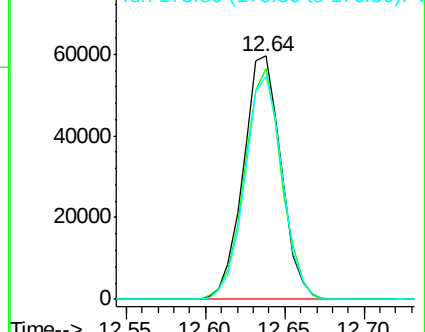
176 90.7 0.0 178.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067819.D

Acq: 30 Nov 2020 17:27

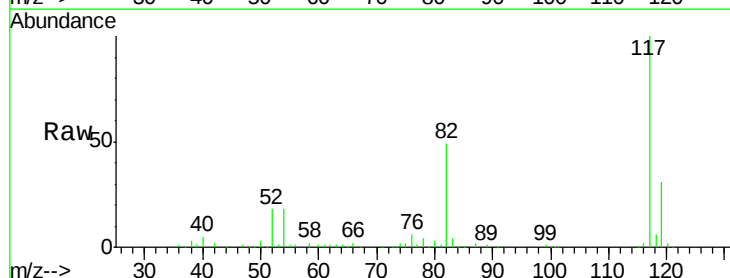
Tgt Ion: 117 Resp: 262365

Ion Ratio Lower Upper

117 100

82 48.9 40.2 60.4

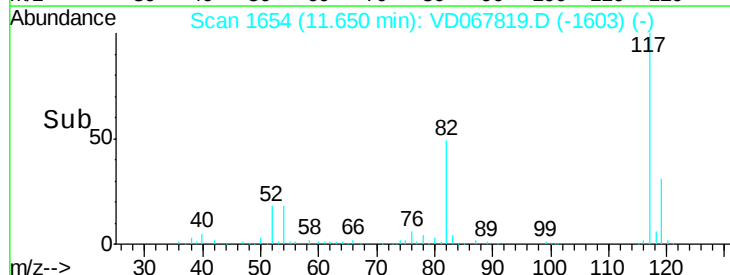
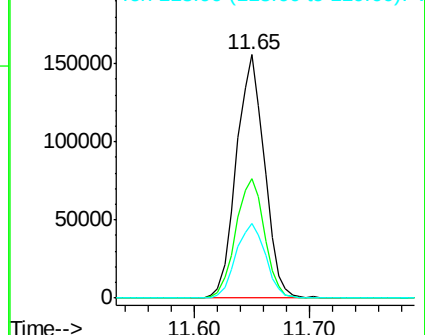
119 30.9 26.5 39.7

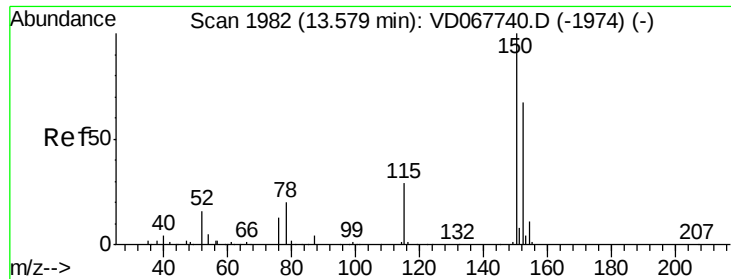


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067819.D

Acq: 30 Nov 2020 17:27

Instrument :

MSVOA_D

ClientSampleId :

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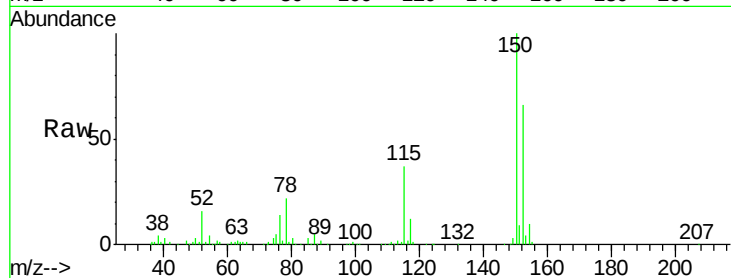
Tot Ion:152 Resp: 130918

Ion Ratio Lower Upper

152 100

115 56.0 29.4 88.3

150 153.9 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

