

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067727.D
 Acq On : 20 Nov 2020 16:20
 Operator : VA/SY
 Sample : L4800-04RE
 Misc : 6.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B1-111820-8-10RE

Quant Time: Nov 21 01:16:25 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	7.97	168	10523	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.87	114	15965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	18071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	10394	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	7625	82.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	165.74%	
35) Dibromofluoromethane	7.92	113	4930	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.34	98	19235	56.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.80%	
62) 4-Bromofluorobenzene	12.63	95	7627	65.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.70%	

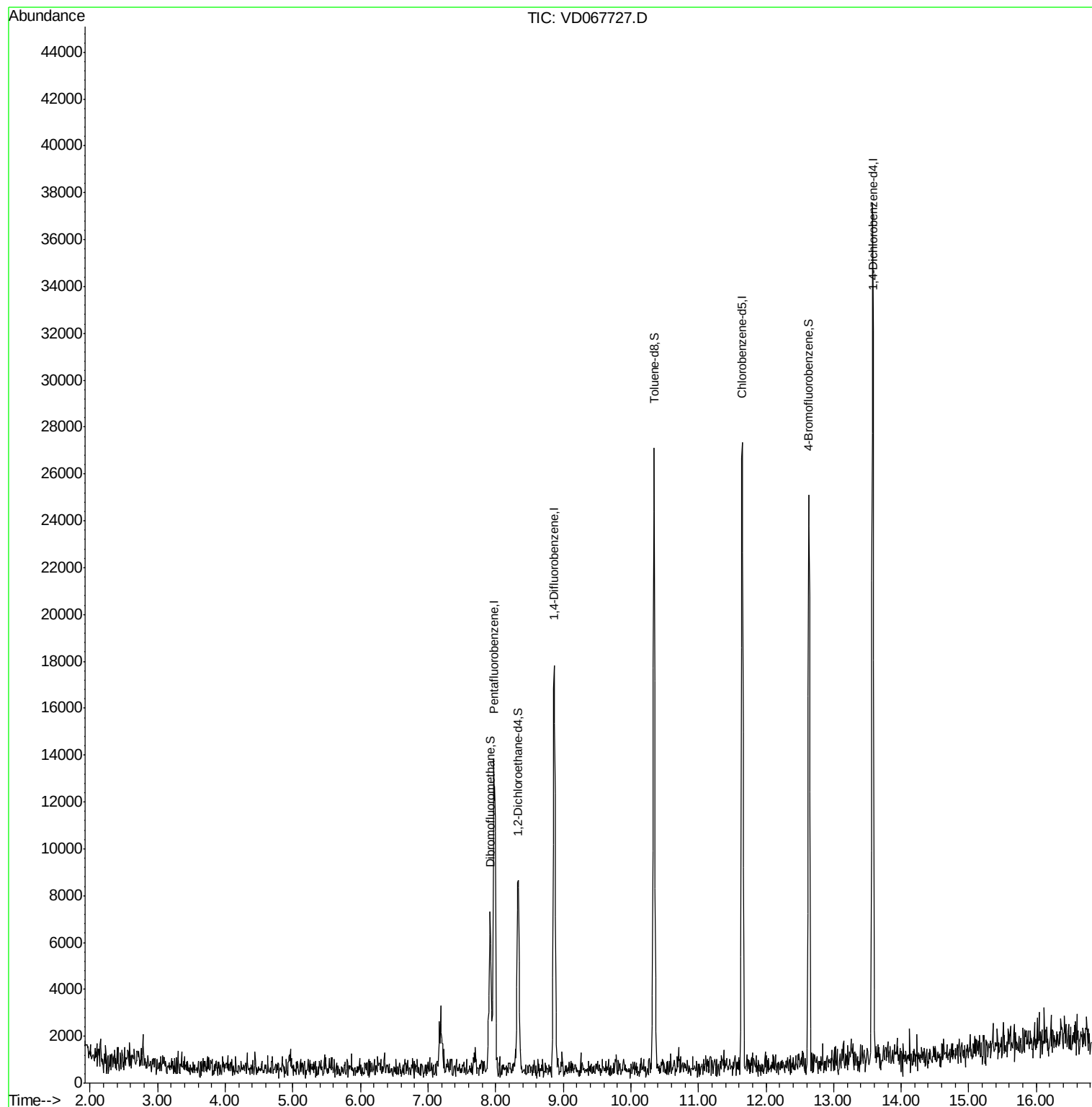
Target Compounds	Qvalue
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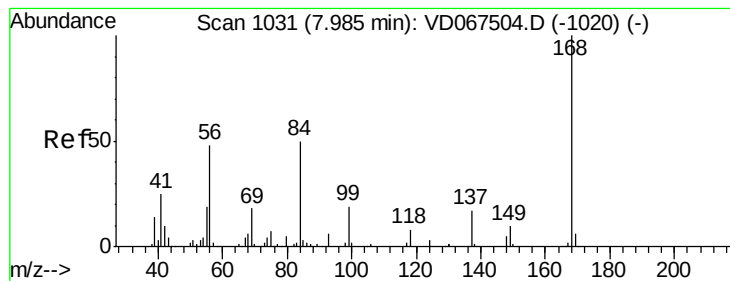
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD067727.D

Acq: 20 Nov 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

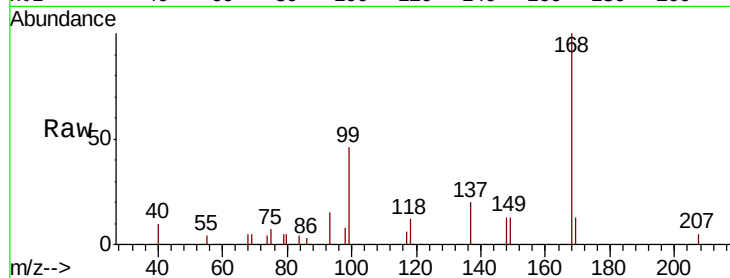
KENS-B1-111820-8-10RE

Tot Ion:168 Resp: 10523

Ion Ratio Lower Upper

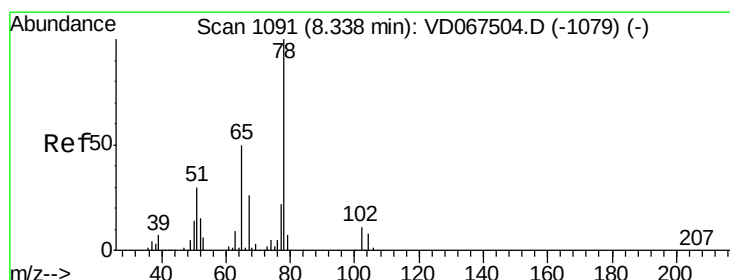
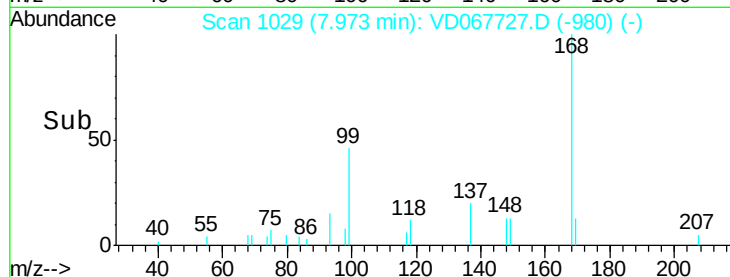
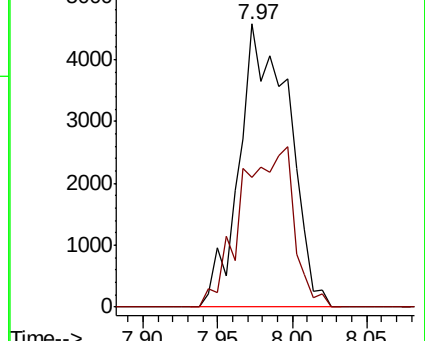
168 100

99 45.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 82.870 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067727.D

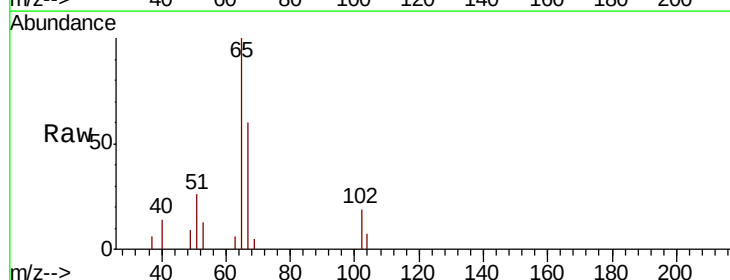
Acq: 20 Nov 2020 16:20

Tgt Ion: 65 Resp: 7625

Ion Ratio Lower Upper

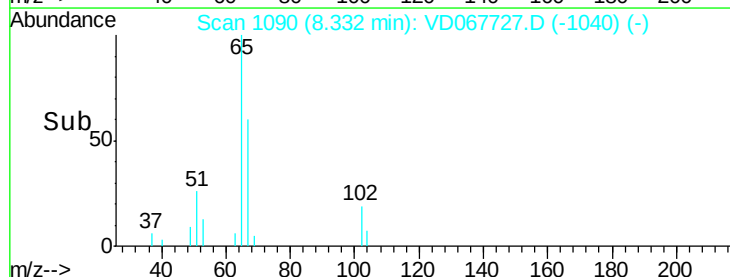
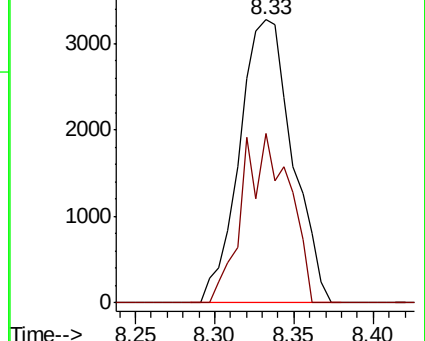
65 100

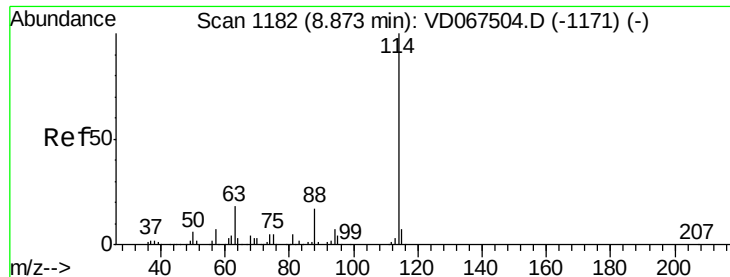
67 53.0 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

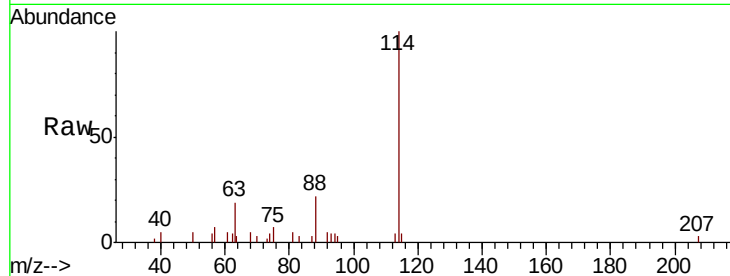




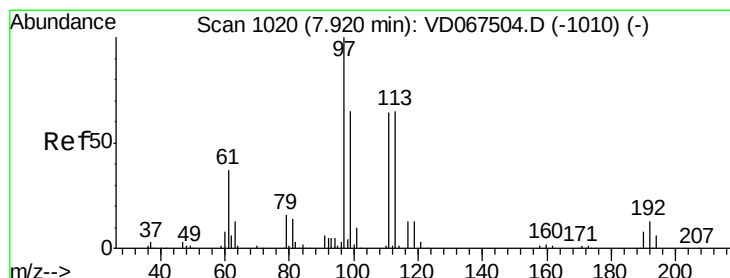
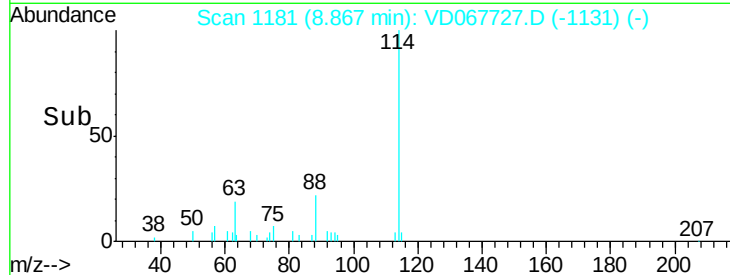
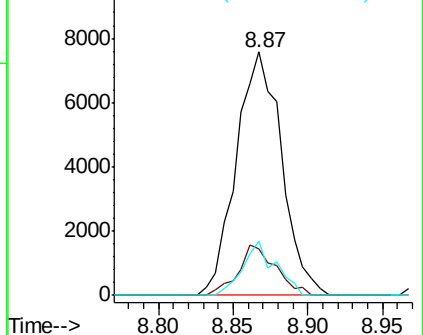
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067727.D
 Acq: 20 Nov 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B1-111820-8-10RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	35.0
88	22.4	0.0	33.0

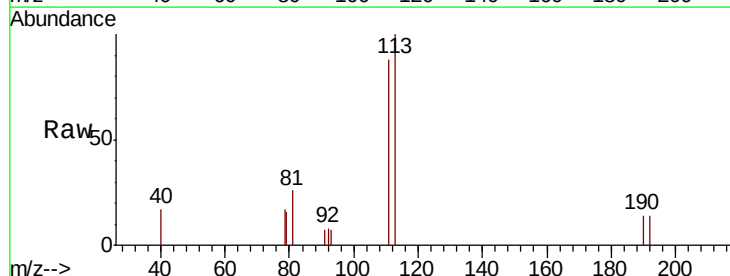


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

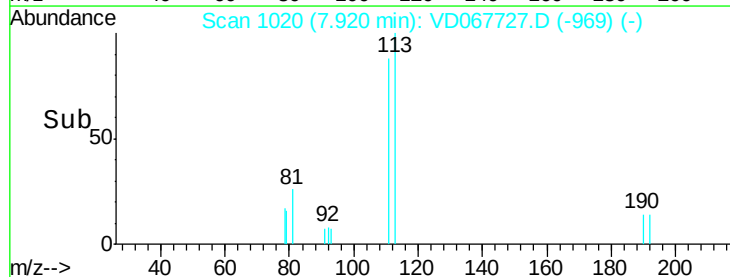
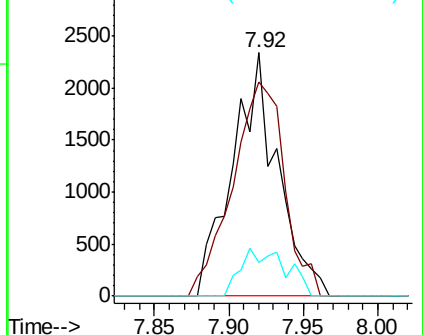


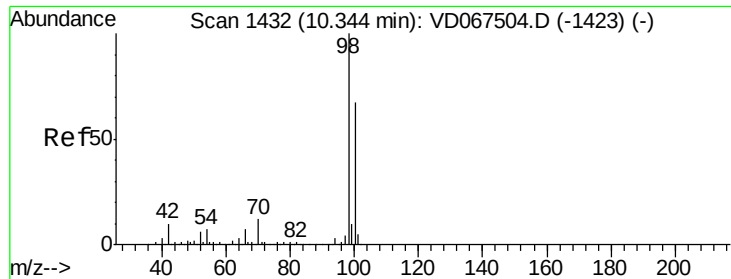
#35
 Dibromofluoromethane
 Concen: 51.253 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067727.D
 Acq: 20 Nov 2020 16:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.3	80.0	120.0
192	19.4	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

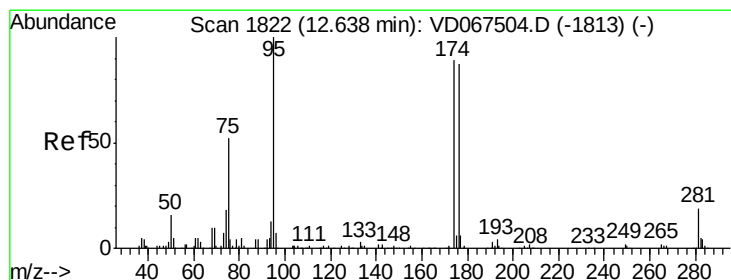
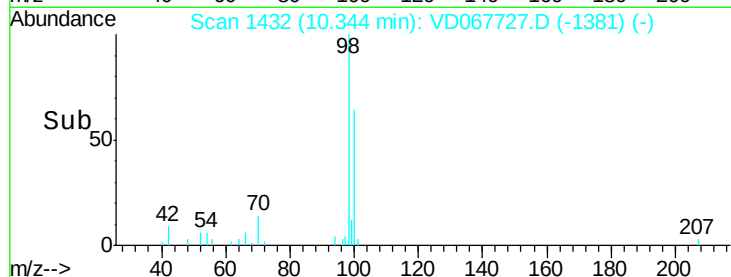
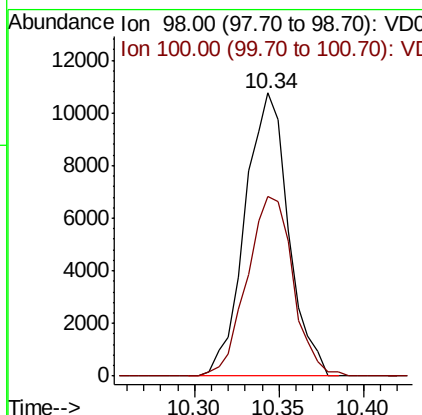
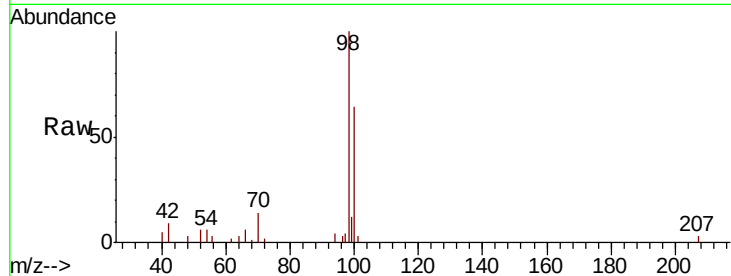




#50
Toluene-d8
Concen: 56.903 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067727.D
Acq: 20 Nov 2020 16:20

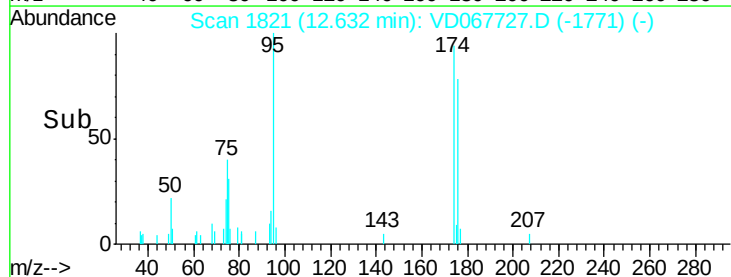
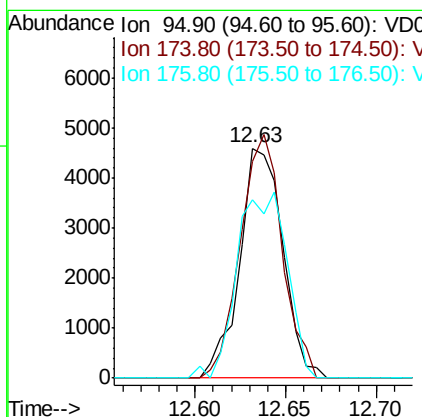
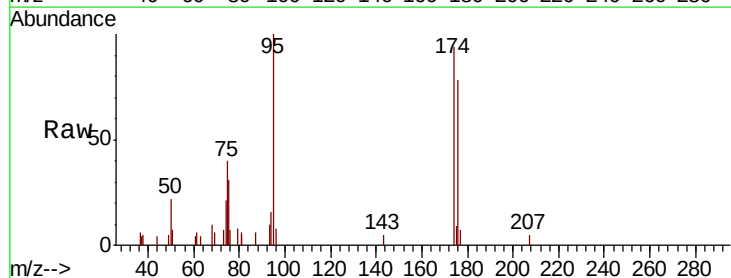
Instrument :
MSVOA_D
ClientSampleId :
KENS-B1-111820-8-10RE

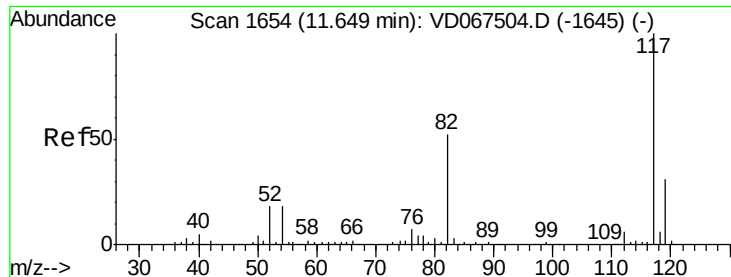
Tot Ion: 98 Resp: 19235
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 65.354 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD067727.D
Acq: 20 Nov 2020 16:20

Tgt Ion: 95 Resp: 7627
Ion Ratio Lower Upper
95 100
174 102.8 0.0 177.8
176 93.5 0.0 172.0

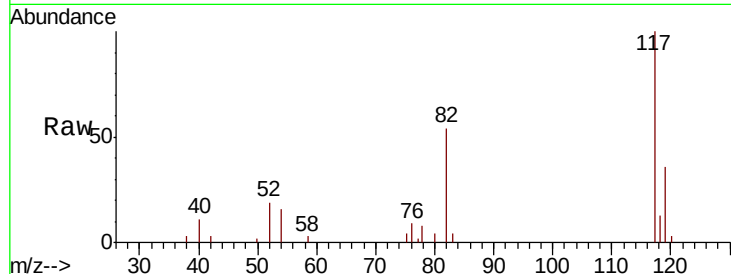




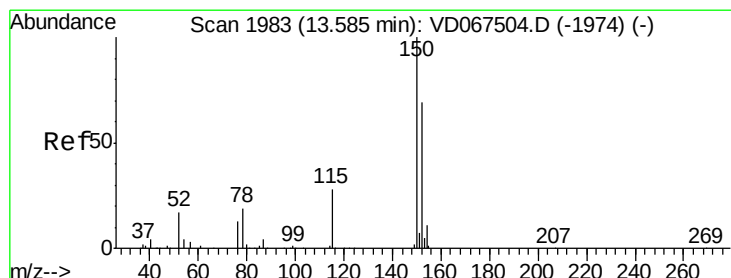
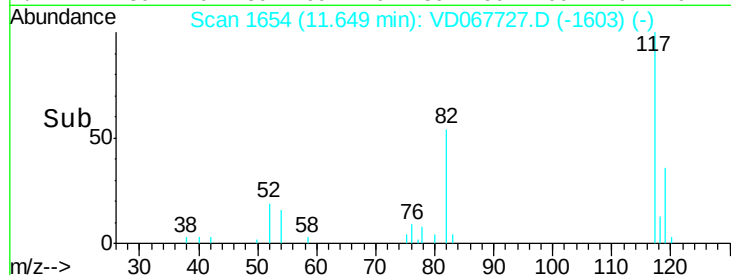
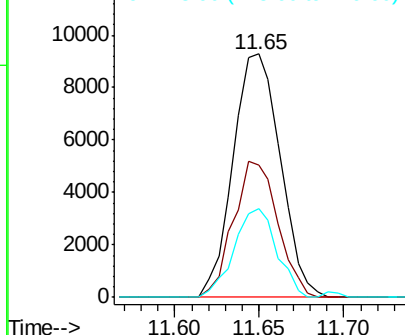
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067727.D
Acq: 20 Nov 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
KENS-B1-111820-8-10RE

Tot Ion:117 Resp: 18071
Ion Ratio Lower Upper
117 100
82 54.5 41.6 62.4
119 36.4 25.1 37.7

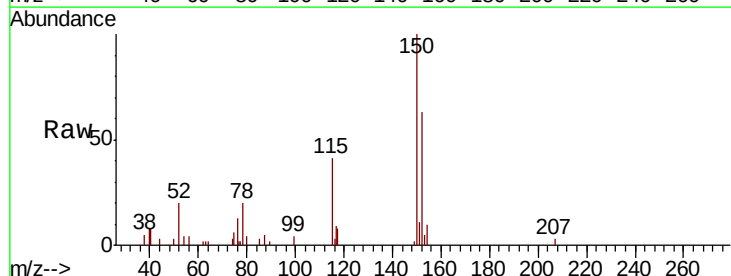


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067727.D
Acq: 20 Nov 2020 16:20

Tgt Ion:152 Resp: 10394
Ion Ratio Lower Upper
152 100
115 59.0 29.3 88.0
150 153.6 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

