

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067791.D
 Acq On : 25 Nov 2020 17:05
 Operator : VA/SY
 Sample : L4868-03
 Misc : 5.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B3-112020-8-10

Quant Time: Nov 26 02:27:26 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	422523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	655600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	659155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	354517	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	202204	49.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.44%
35) Dibromofluoromethane	7.92	113	198873	47.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.34%
50) Toluene-d8	10.34	98	754958	49.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.98%
62) 4-Bromofluorobenzene	12.64	95	298350	57.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.44%

Target Compounds

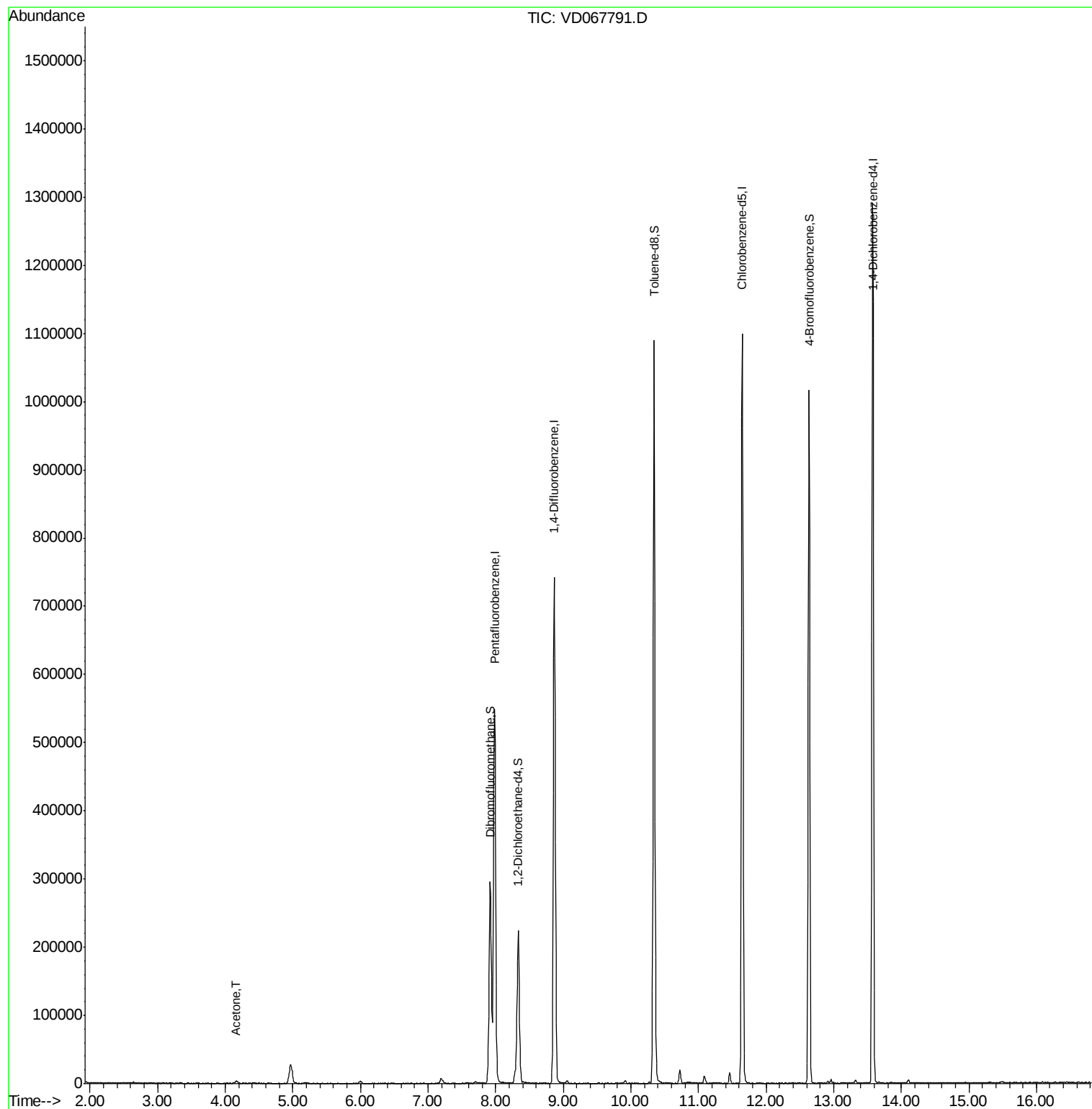
					Qvalue
16) Acetone	4.16	43	6783	12.780	ug/l 97

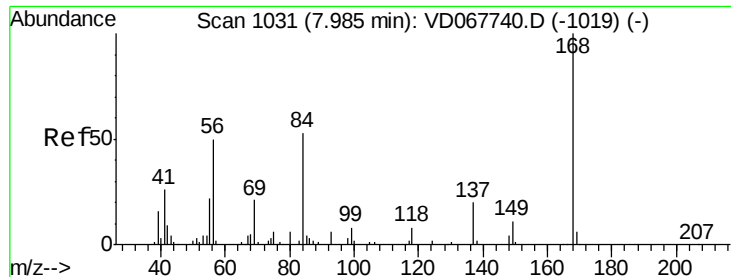
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067791.D

Acq: 25 Nov 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

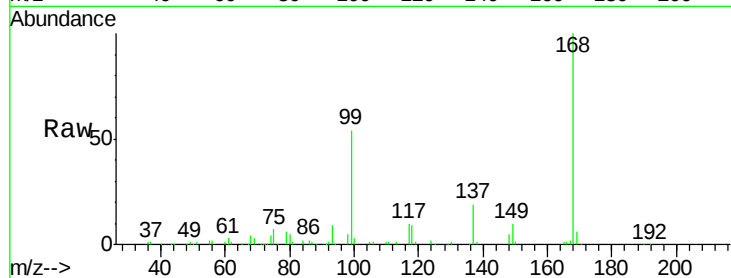
KENS-B3-112020-8-10

Tot Ion:168 Resp: 422523

Ion Ratio Lower Upper

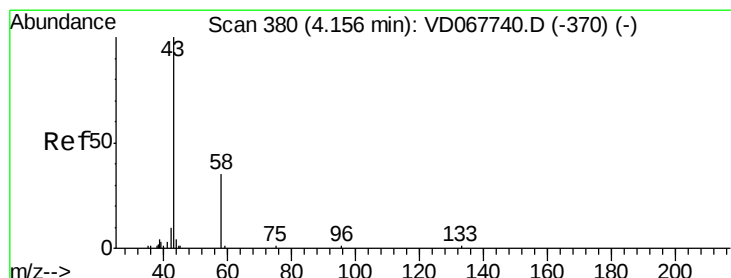
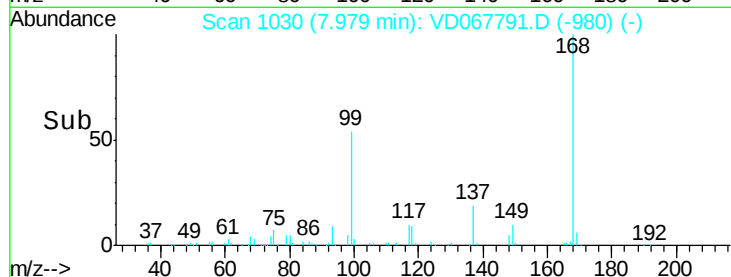
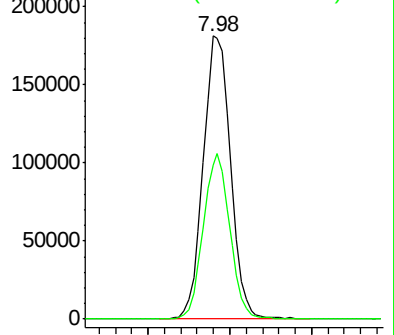
168 100

99 54.3 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: 12.780 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067791.D

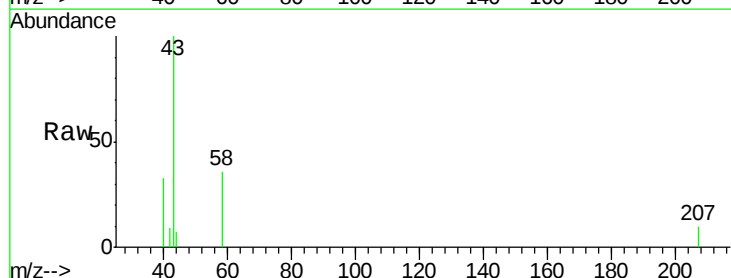
Acq: 25 Nov 2020 17:05

Tgt Ion: 43 Resp: 6783

Ion Ratio Lower Upper

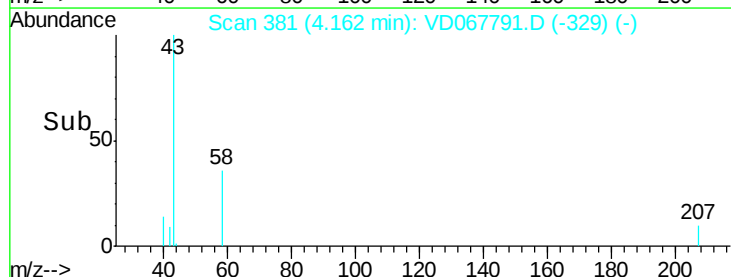
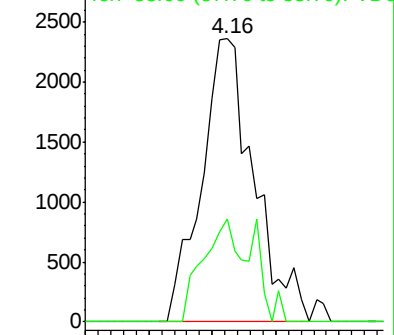
43 100

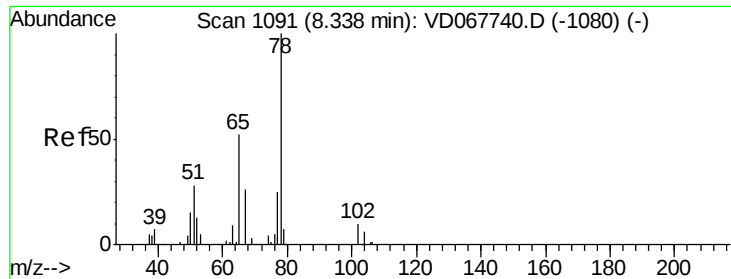
58 36.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

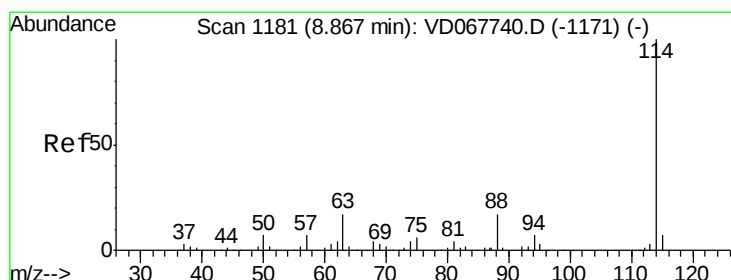
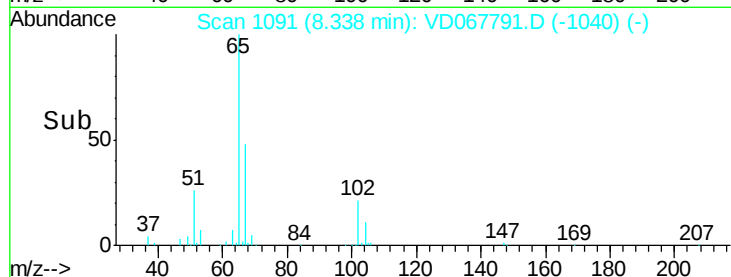
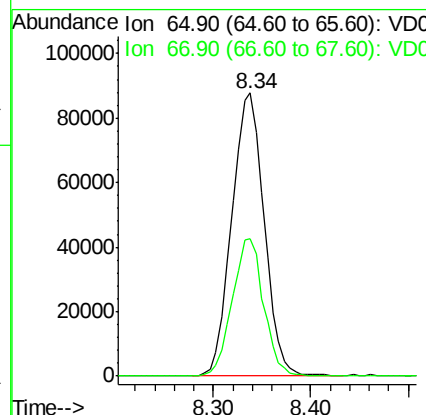
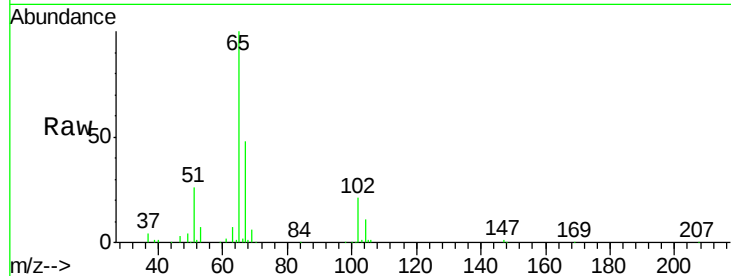




#33
 1,2-Dichloroethane-d4
 Concen: 49.219 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067791.D
 Acq: 25 Nov 2020 17:05

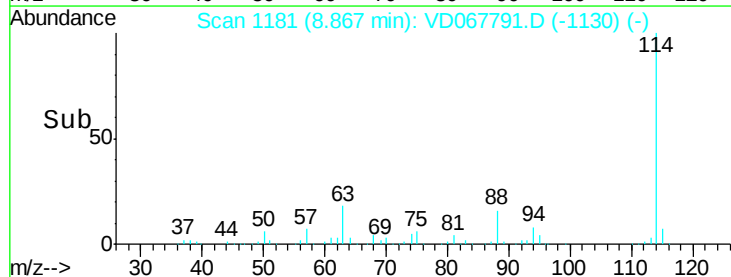
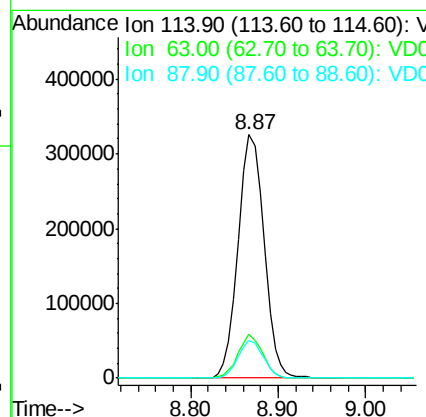
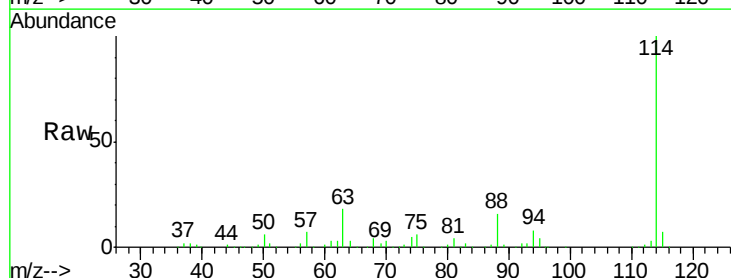
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B3-112020-8-10

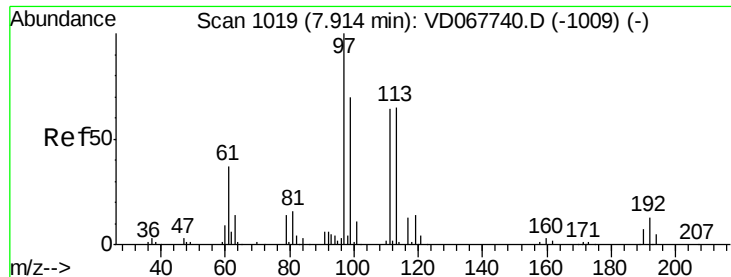
Tot Ion: 65 Resp: 202204
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067791.D
 Acq: 25 Nov 2020 17:05

Tgt Ion: 114 Resp: 655600
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.8
 88 15.5 0.0 34.4

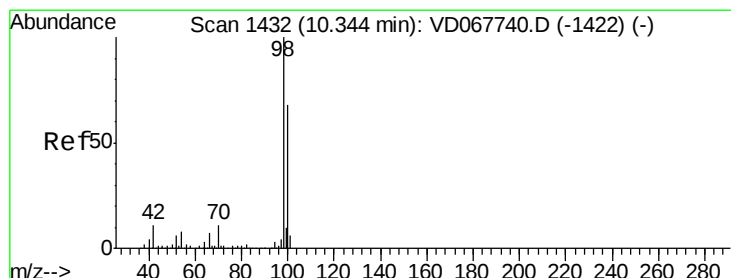
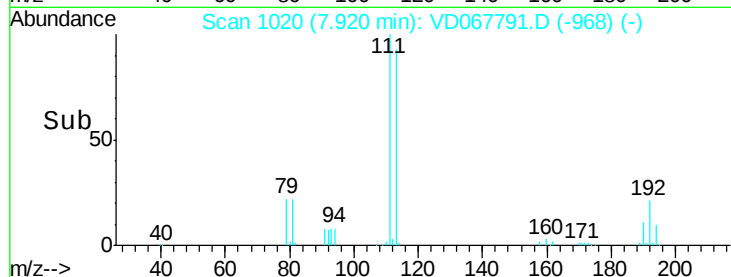
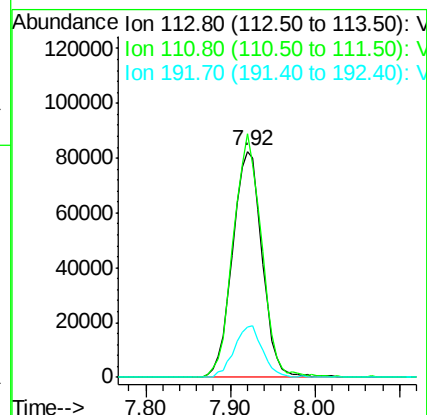
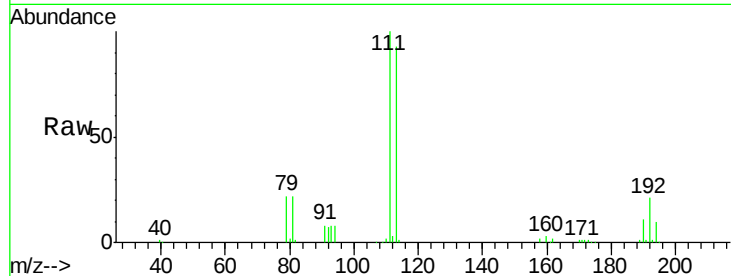




#35
Dibromofluoromethane
Concen: 47.666 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067791.D
Acq: 25 Nov 2020 17:05

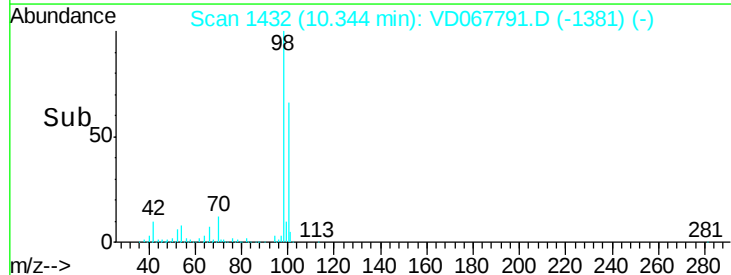
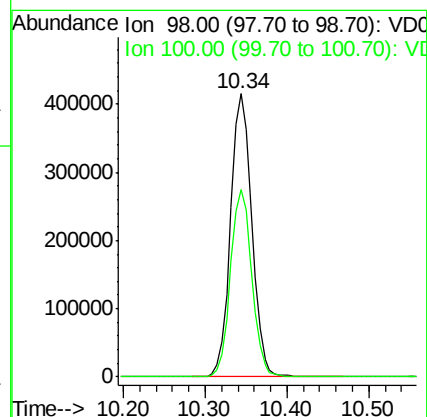
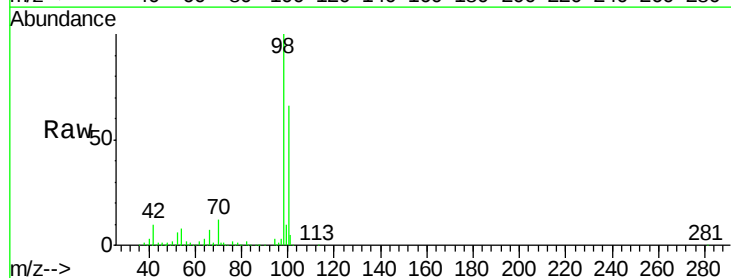
Instrument :
MSVOA_D
ClientSampleId :
KENS-B3-112020-8-10

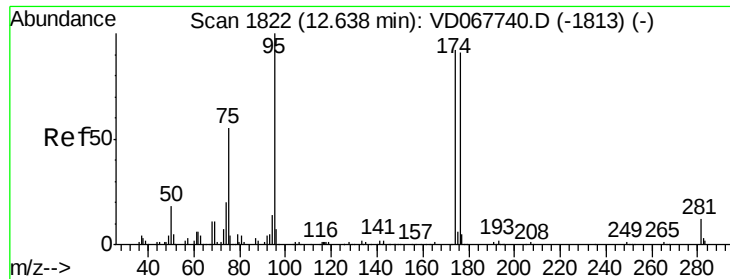
Tot Ion:113 Resp: 198873
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 21.7 17.0 25.4



#50
Toluene-d8
Concen: 49.493 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067791.D
Acq: 25 Nov 2020 17:05

Tgt Ion: 98 Resp: 754958
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

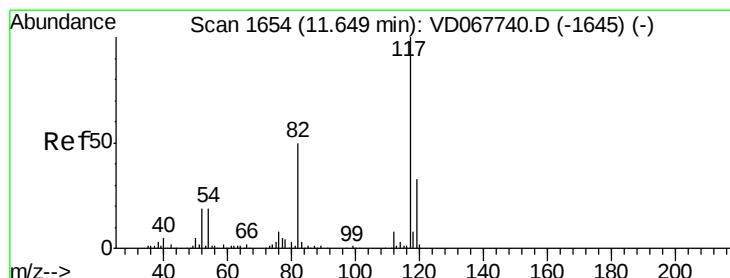
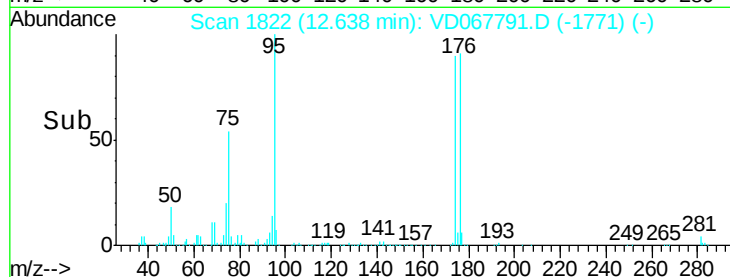
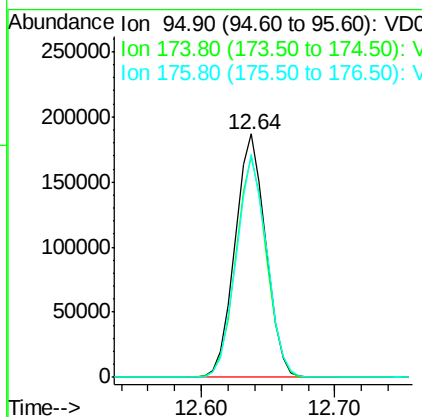
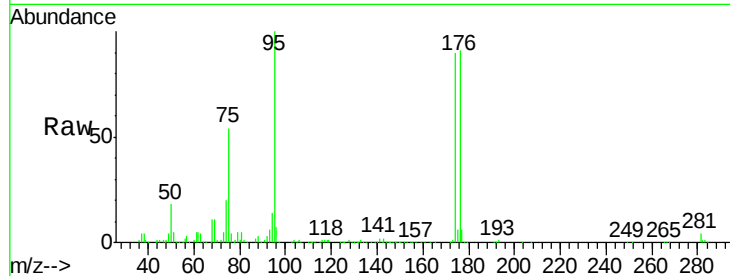




#62
4-Bromofluorobenzene
Concen: 57.222 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067791.D
Acq: 25 Nov 2020 17:05

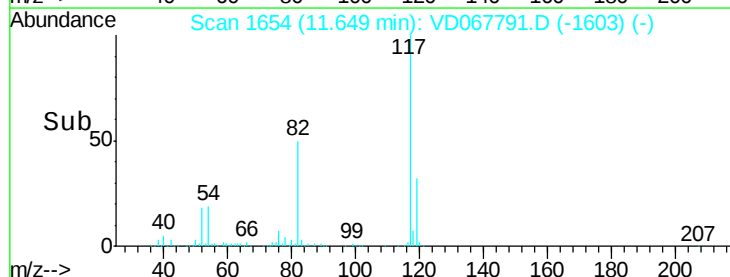
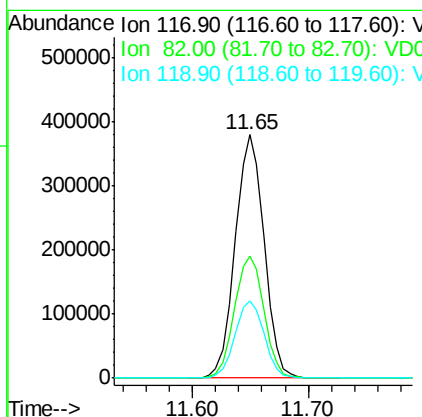
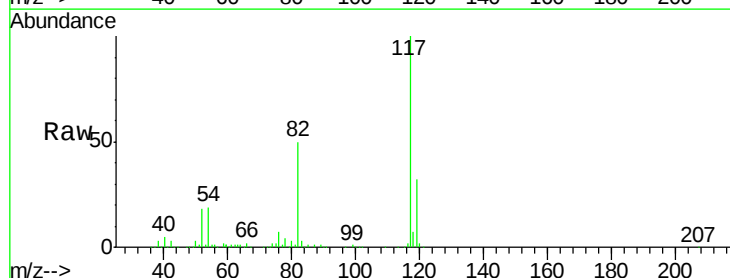
Instrument :
MSVOA_D
ClientSampleId :
KENS-B3-112020-8-10

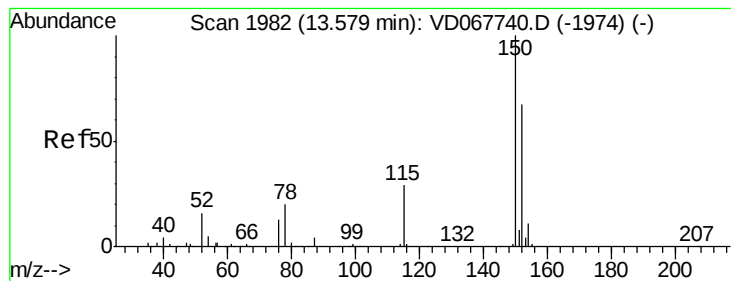
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	182.4
176	90.6	0.0	178.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067791.D
Acq: 25 Nov 2020 17:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.2	60.4
119	31.9	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: VD067791.D

Acq: 25 Nov 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

KENS-B3-112020-8-10

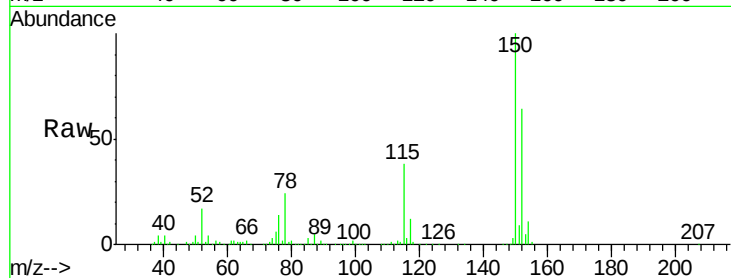
Tot Ion:152 Resp: 354517

Ion Ratio Lower Upper

152 100

115 59.6 29.4 88.3

150 157.8 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

