

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067193.D
 Acq On : 08 Oct 2020 14:36
 Operator : VA/SY
 Sample : L4313-04
 Misc : 7.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-3

Quant Time: Oct 09 03:18:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

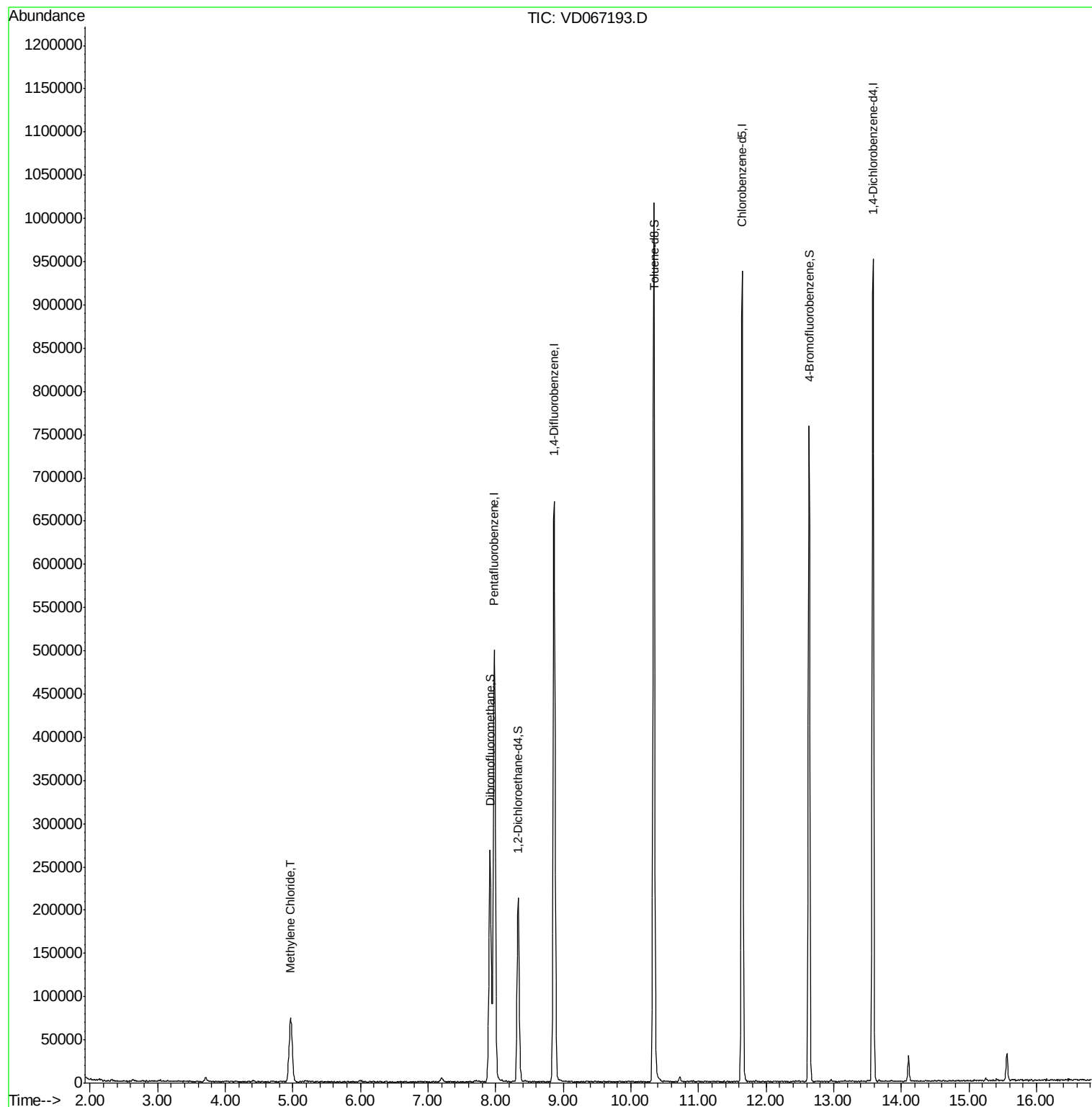
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	377854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	606589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	562136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	267163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	179276	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	7.91	113	188293	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
50) Toluene-d8	10.34	98	701055	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.64	95	233716	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
Target Compounds						
20) Methylene Chloride	4.97	84	65571	10.950	ug/l	Qvalue 90

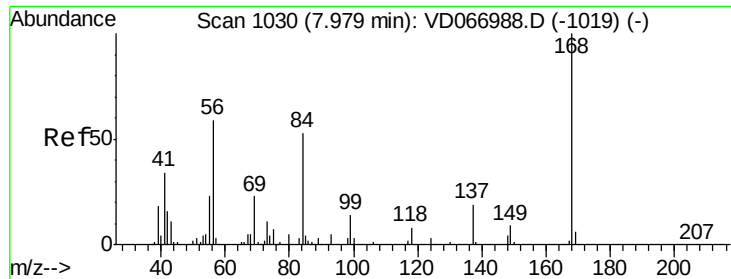
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067193.D

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Instrument :

MSVOA_D

ClientSampleId :

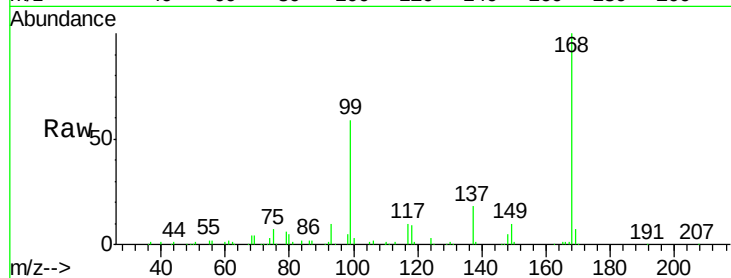
TR-3

Tot Ion:168 Resp: 377854

Ion Ratio Lower Upper

168 100

99 58.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

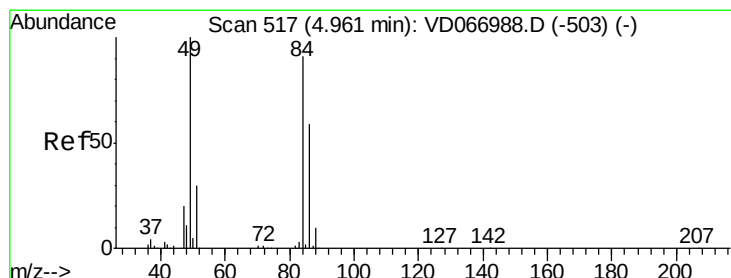
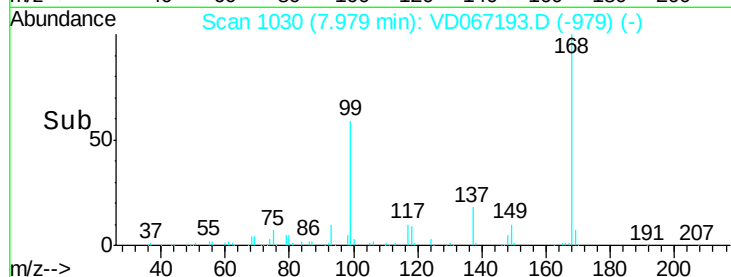
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 10.950 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067193.D

Acq: 08 Oct 2020 14:36

Tgt Ion: 84 Resp: 65571

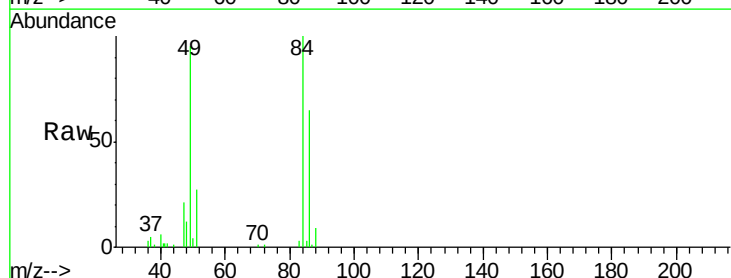
Ion Ratio Lower Upper

84 100

49 94.9 88.2 132.2

51 27.1 26.6 39.8

86 64.6 52.1 78.1



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

4.97

30000

25000

20000

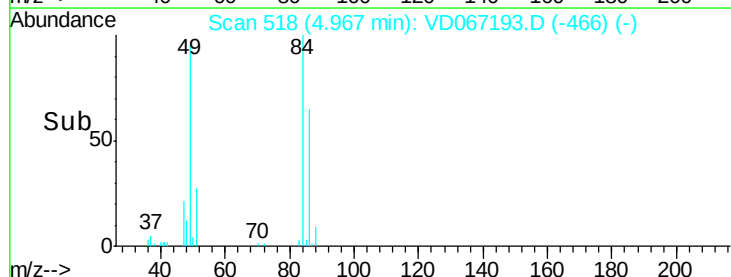
15000

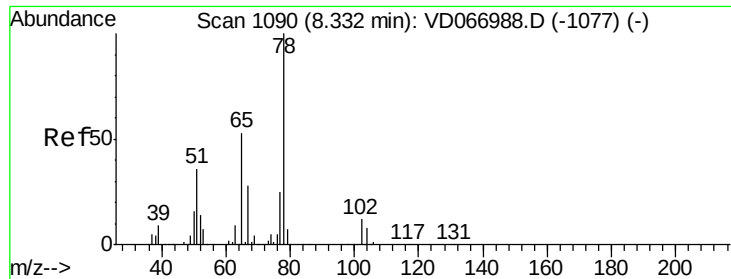
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5000

0

Time-->

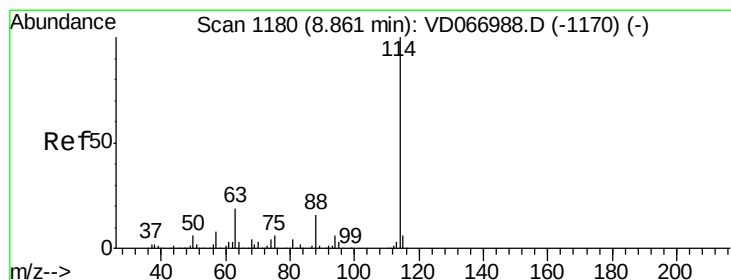
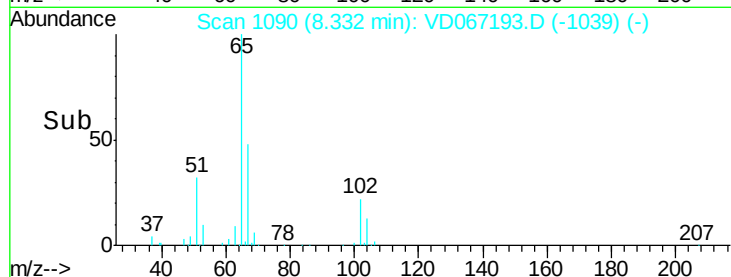
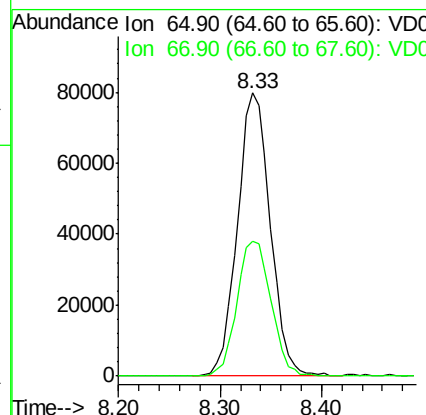
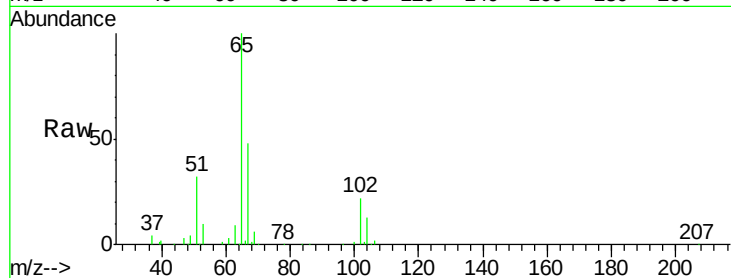




#33
 1,2-Dichloroethane-d4
 Concen: 49.259 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067193.D
 Acq: 08 Oct 2020 14:36

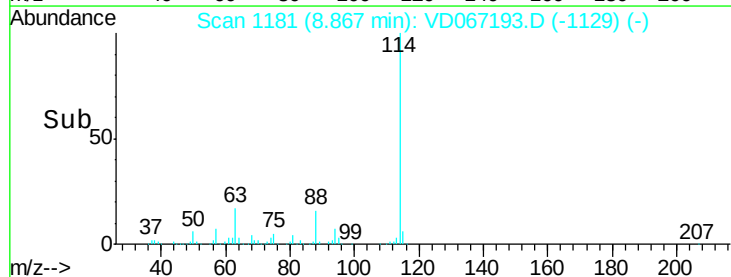
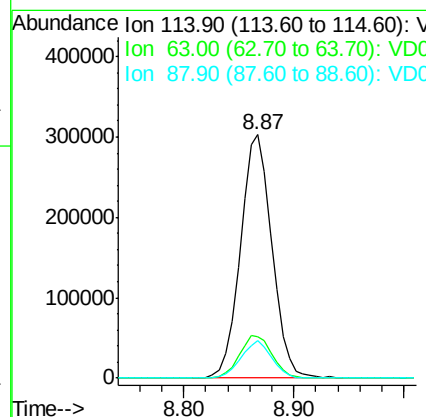
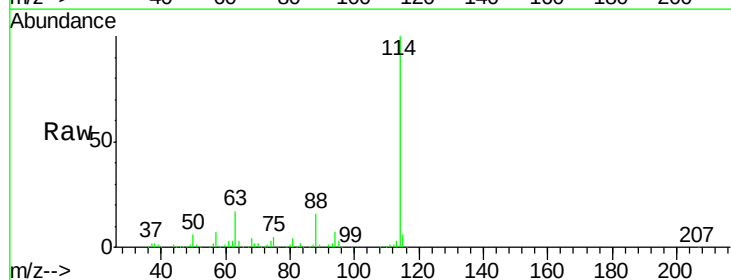
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-3

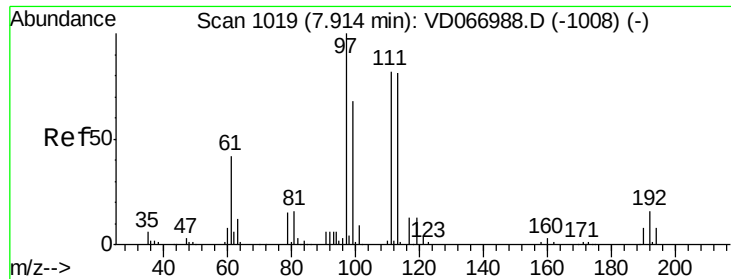
Tot Ion: 65 Resp: 179276
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067193.D
 Acq: 08 Oct 2020 14:36

Tgt Ion: 114 Resp: 606589
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 38.4
 88 15.7 0.0 31.2

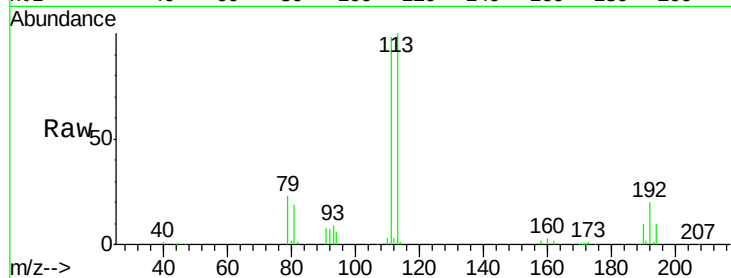




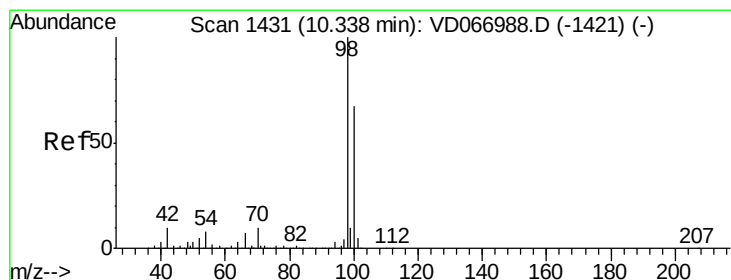
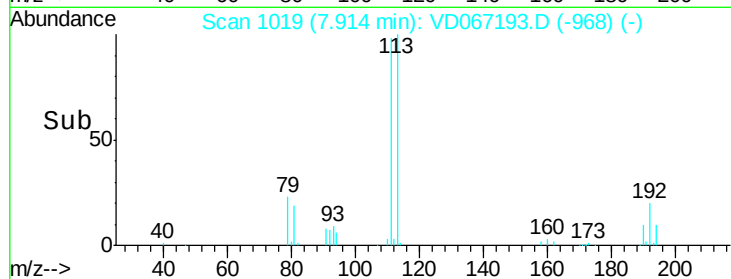
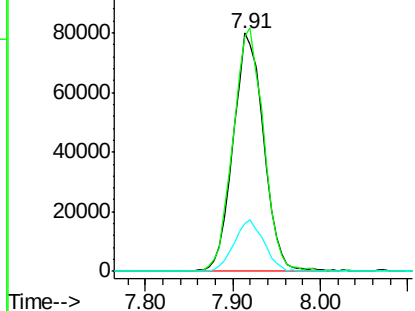
#35
 Dibromofluoromethane
 Concen: 47.414 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067193.D
 Acq: 08 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-3

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.4
192	21.2	15.5	23.3

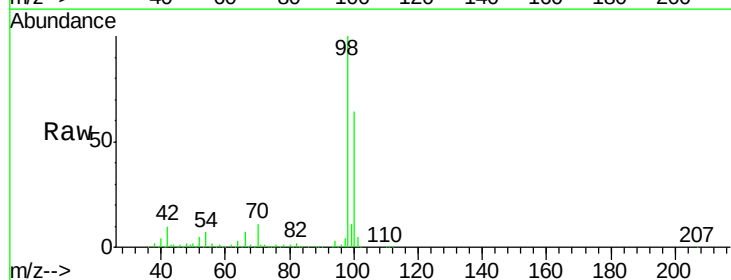


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

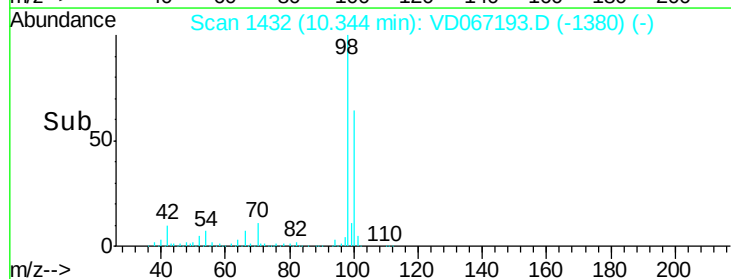
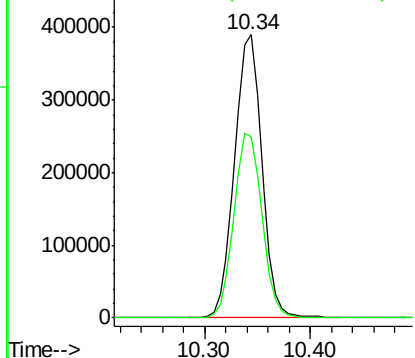


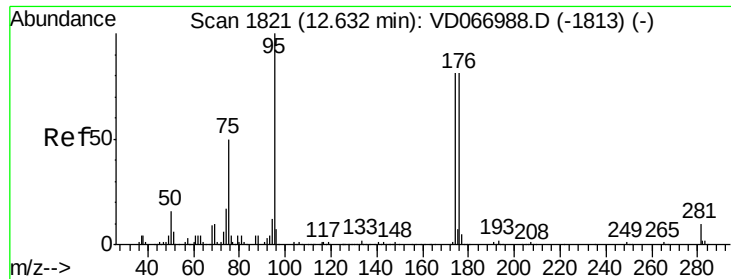
#50
 Toluene-d8
 Concen: 48.447 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD067193.D
 Acq: 08 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.8	79.2



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

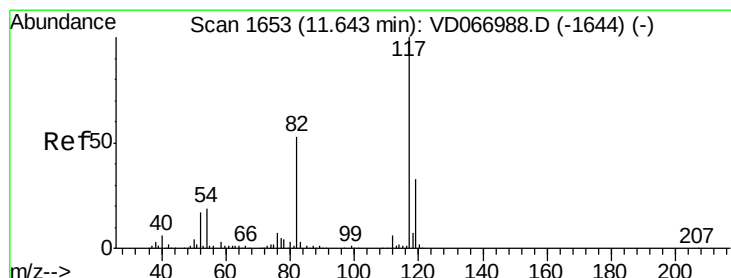
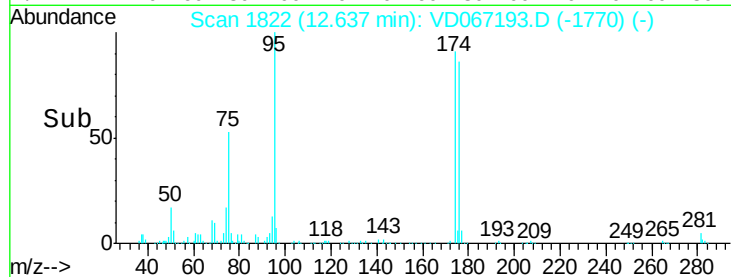
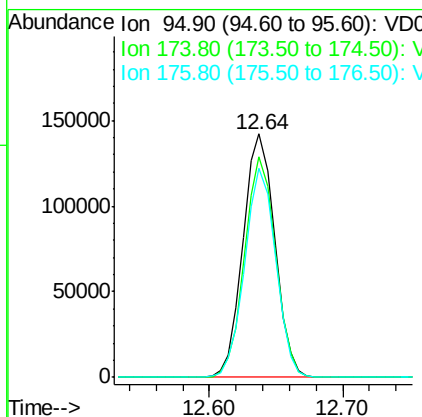
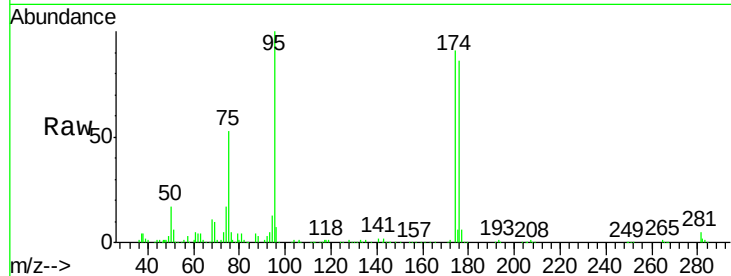




#62
4-Bromofluorobenzene
Concen: 47.576 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067193.D
Acq: 08 Oct 2020 14:36

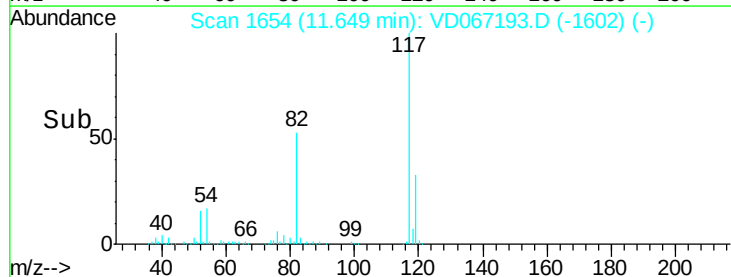
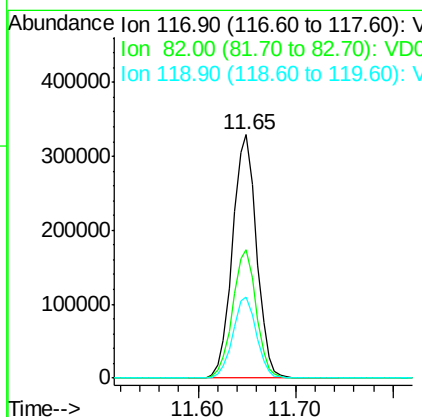
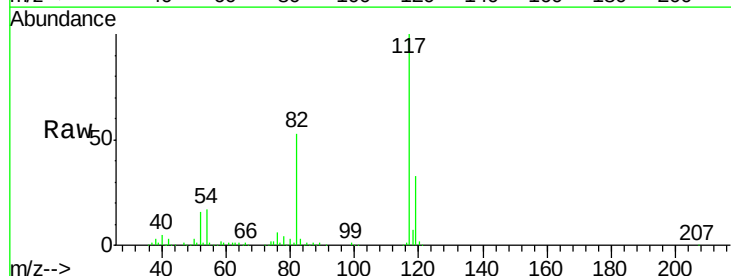
Instrument :
MSVOA_D
ClientSampleId :
TR-3

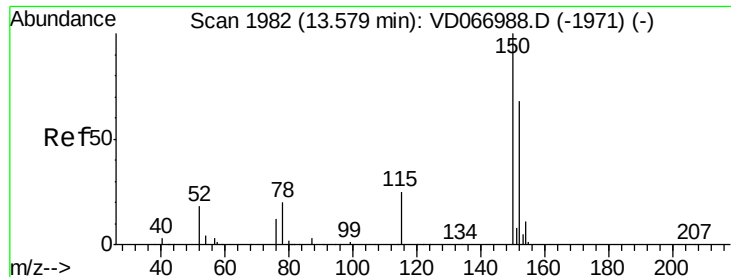
Tot Ion: 95 Resp: 233716
Ion Ratio Lower Upper
95 100
174 88.5 0.0 167.6
176 83.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067193.D
Acq: 08 Oct 2020 14:36

Tgt Ion: 117 Resp: 562136
Ion Ratio Lower Upper
117 100
82 52.5 42.6 63.8
119 33.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD067193.D

Acq: 08 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

TR-3

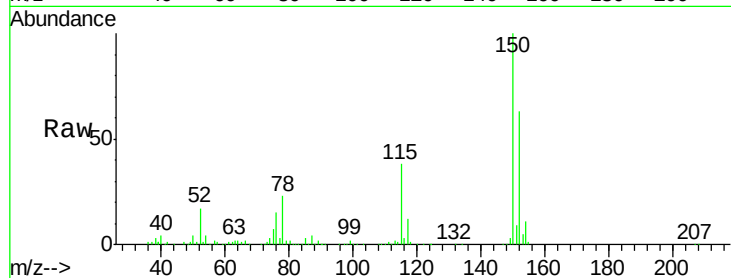
Tot Ion:152 Resp: 267163

Ion Ratio Lower Upper

152 100

115 59.2 29.6 88.8

150 156.7 0.0 344.8



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

