

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067192.D
 Acq On : 08 Oct 2020 14:09
 Operator : VA/SY
 Sample : L4313-03
 Misc : 7.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-2

Quant Time: Oct 09 03:16:48 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

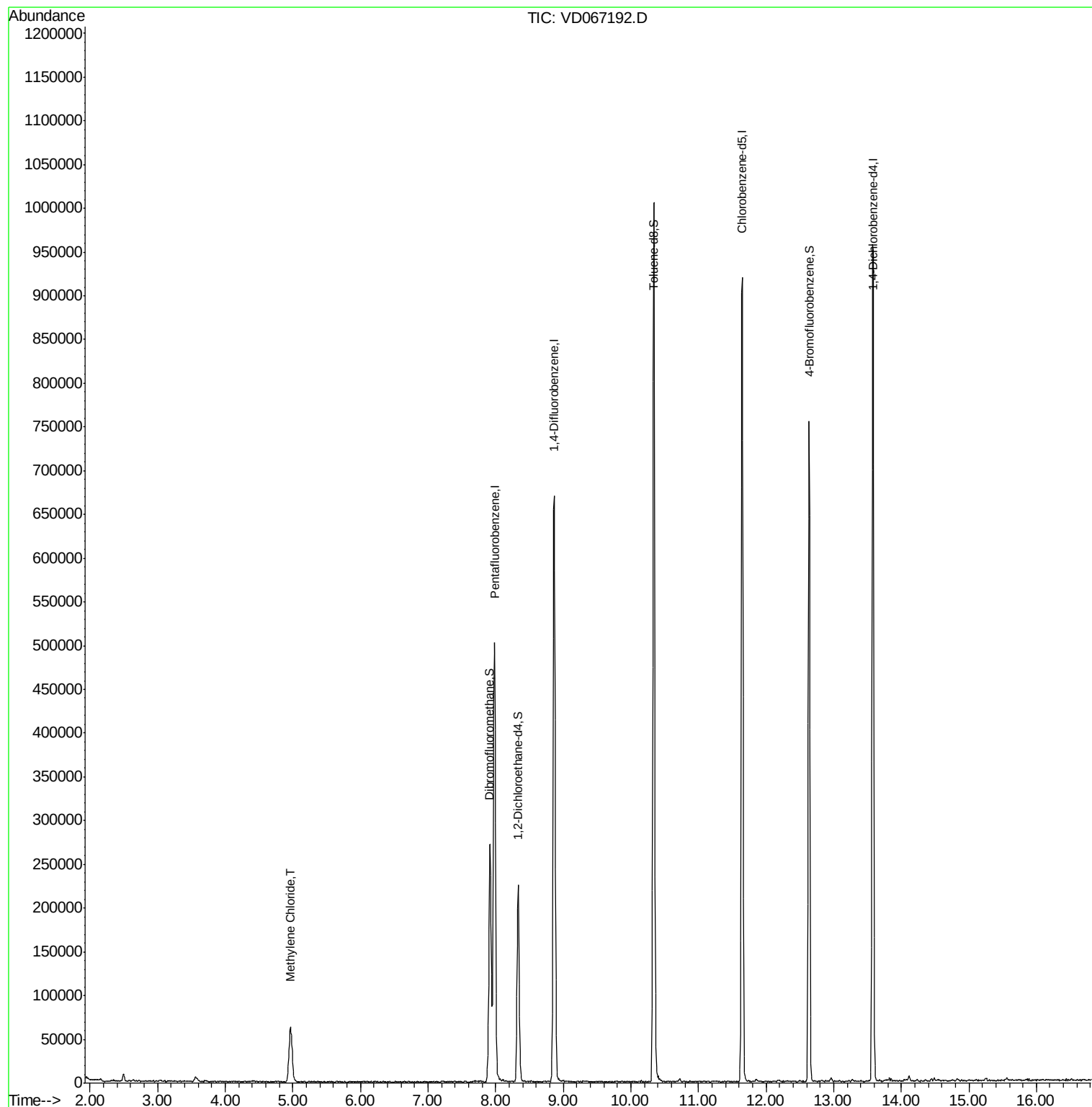
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	375776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	608553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	570014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	274497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	182665	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	7.92	113	193456	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	10.34	98	709702	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.64	95	238574	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
20) Methylene Chloride	4.97	84	53240	7.378	ug/l	Qvalue 89

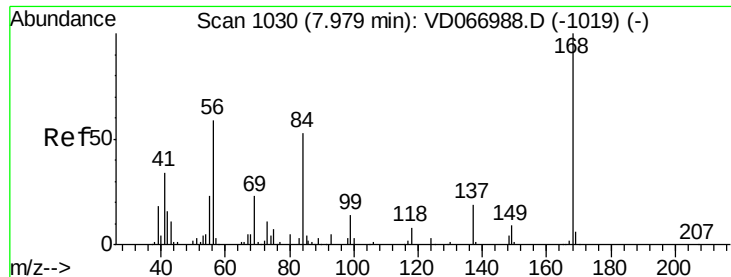
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067192.D

Acq: 08 Oct 2020 14:09

Instrument :

MSVOA_D

ClientSampleId :

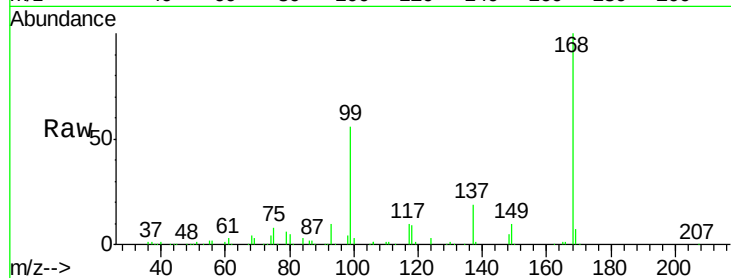
TR-2

Tot Ion:168 Resp: 375776

Ion Ratio Lower Upper

168 100

99 56.1 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

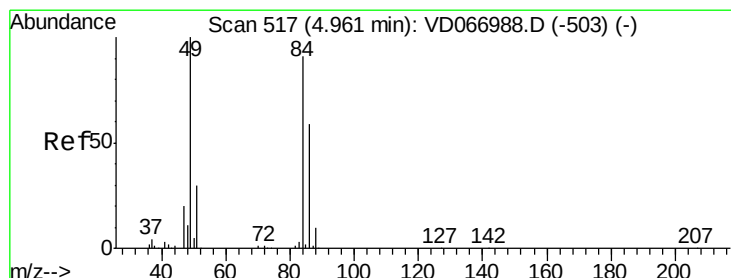
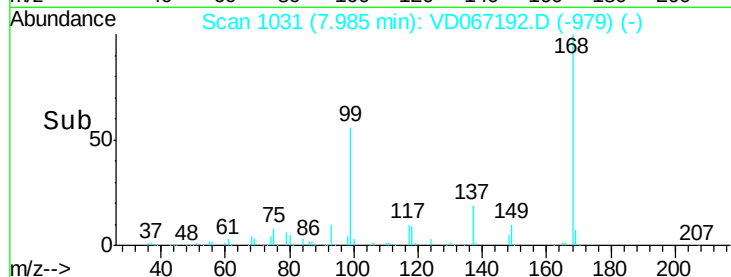
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.378 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067192.D

Acq: 08 Oct 2020 14:09

Tgt Ion: 84 Resp: 53240

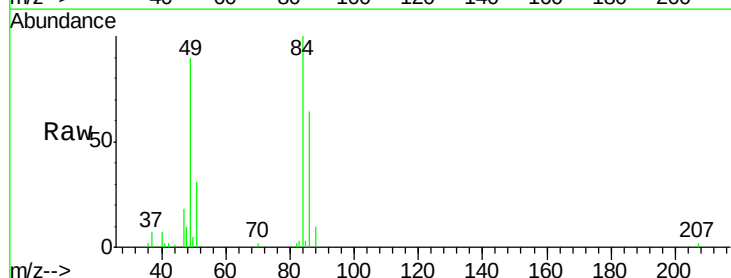
Ion Ratio Lower Upper

84 100

49 89.6 88.2 132.2

51 30.5 26.6 39.8

86 64.3 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

25000

20000

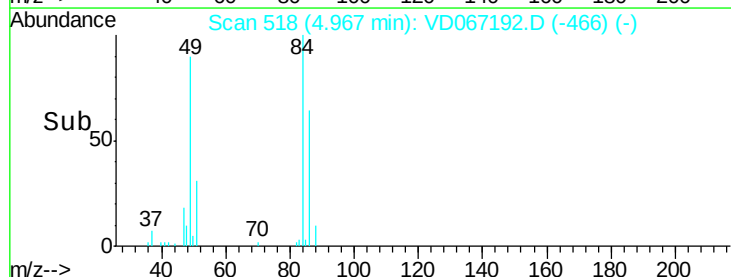
15000

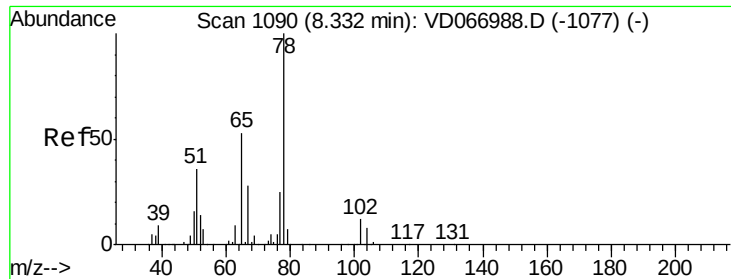
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5000

0

Time-->

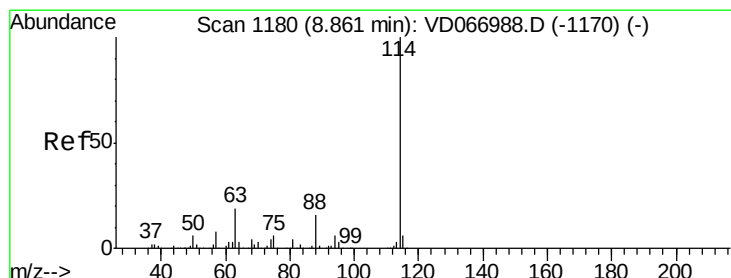
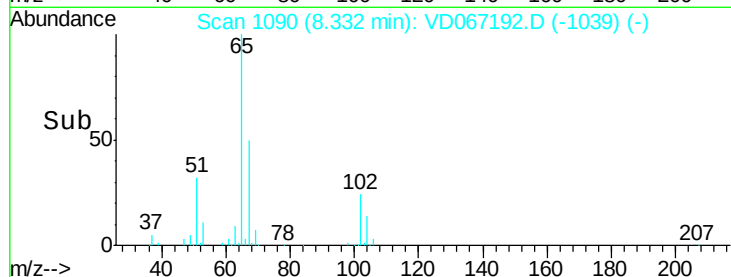
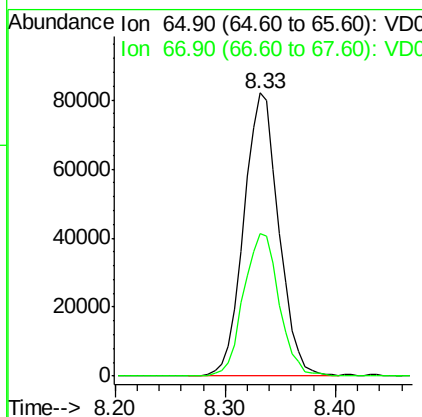
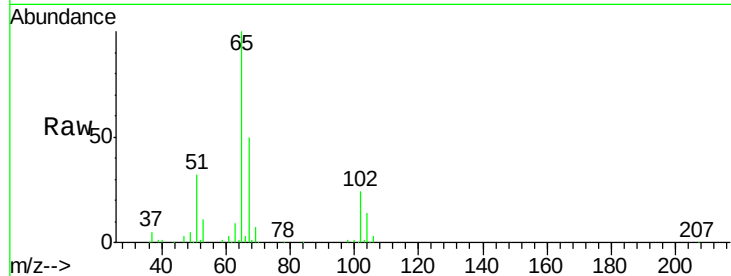




#33
 1,2-Dichloroethane-d4
 Concen: 50.468 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067192.D
 Acq: 08 Oct 2020 14:09

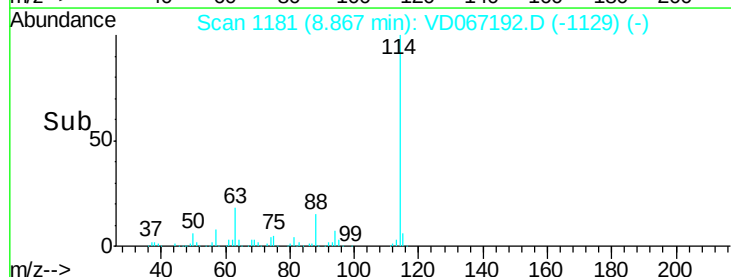
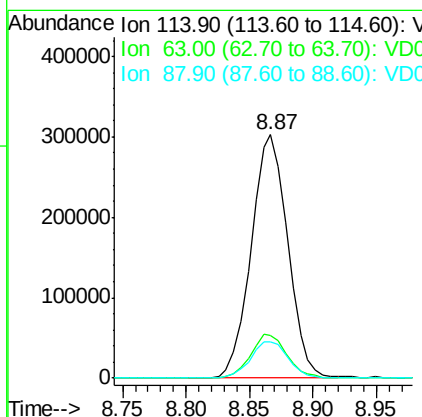
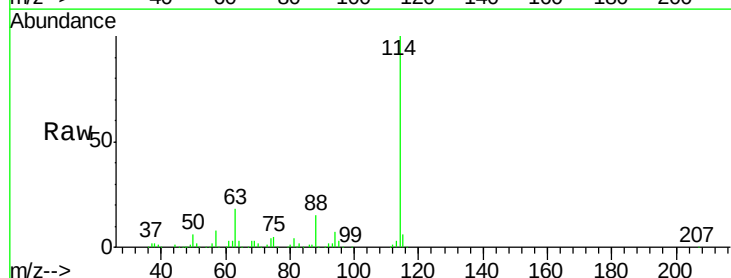
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-2

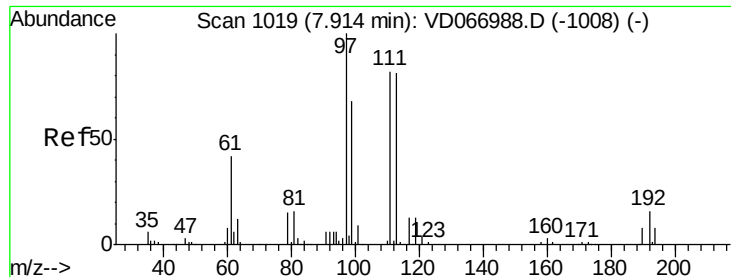
Tot Ion: 65 Resp: 182665
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067192.D
 Acq: 08 Oct 2020 14:09

Tgt Ion: 114 Resp: 608553
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 38.4
 88 14.7 0.0 31.2

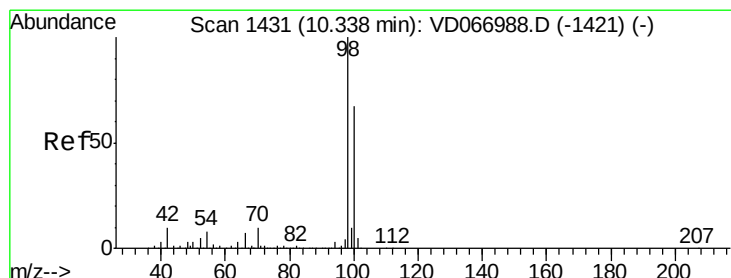
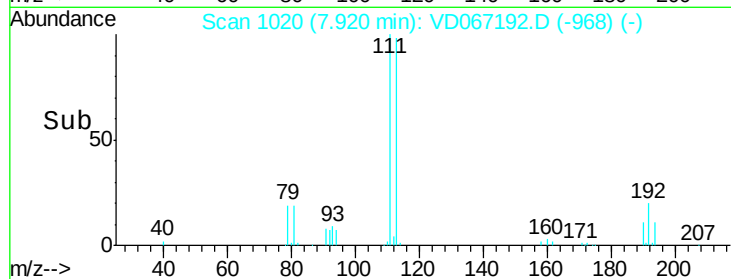
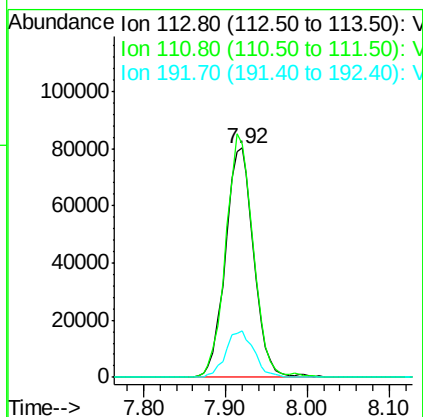
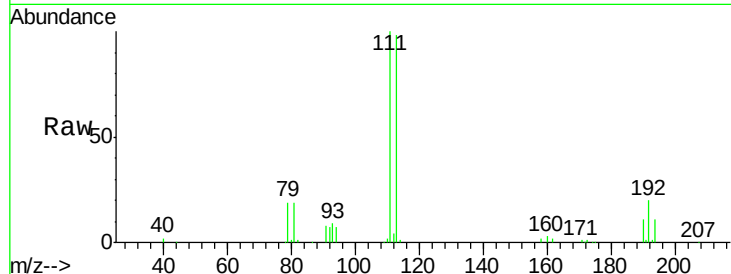




#35
 Dibromofluoromethane
 Concen: 48.557 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067192.D
 Acq: 08 Oct 2020 14:09

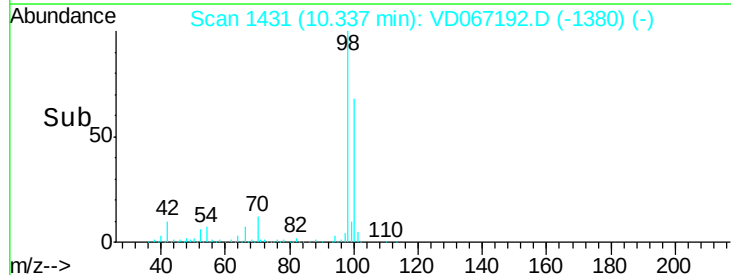
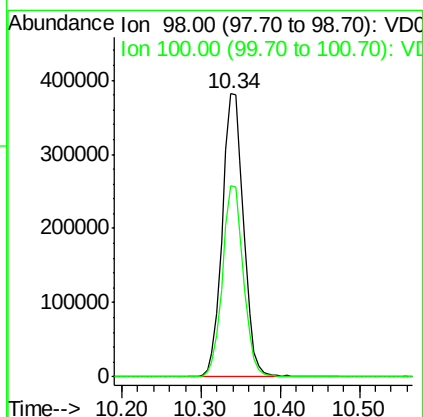
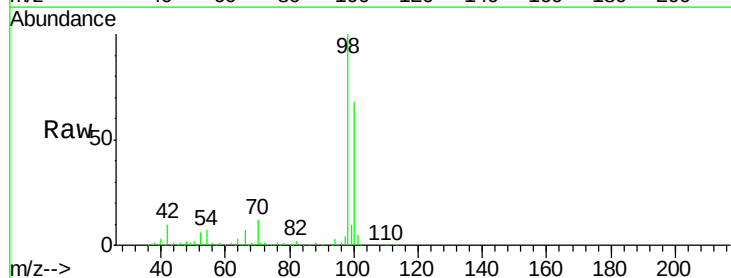
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-2

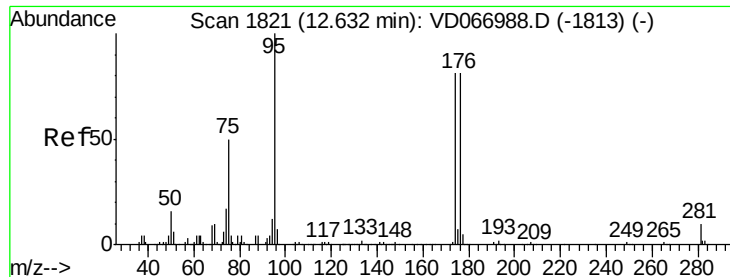
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.4
192	20.1	15.5	23.3



#50
 Toluene-d8
 Concen: 48.886 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD067192.D
 Acq: 08 Oct 2020 14:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.8	79.2

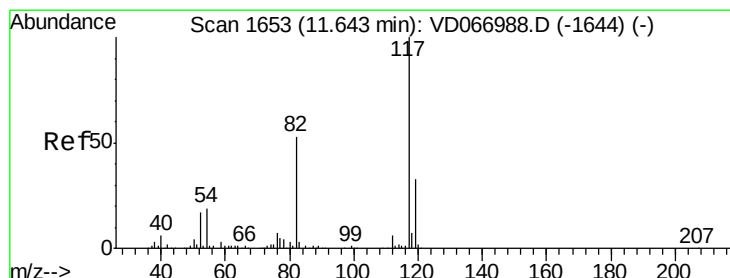
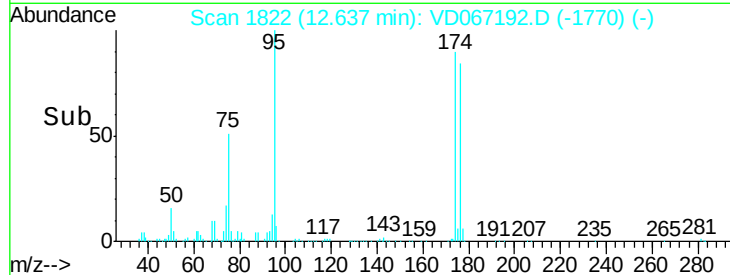
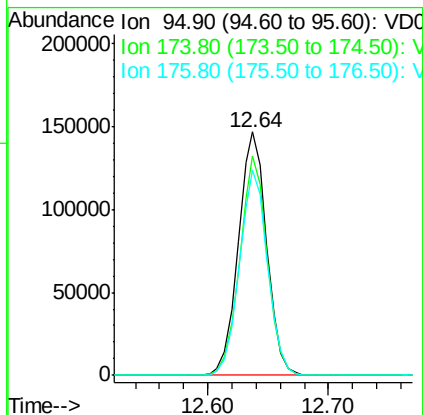
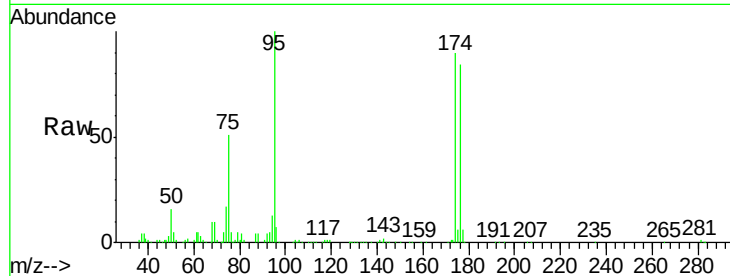




#62
4-Bromofluorobenzene
Concen: 48.408 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067192.D
Acq: 08 Oct 2020 14:09

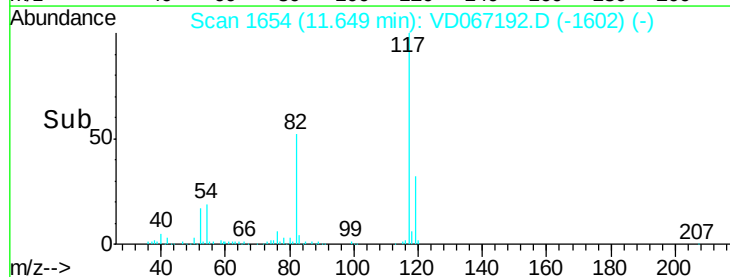
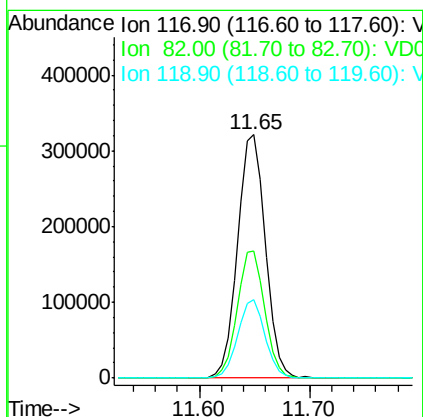
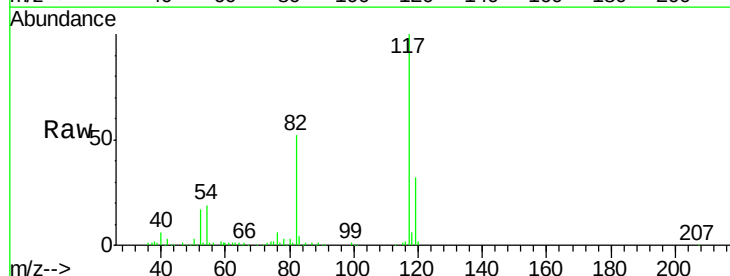
Instrument :
MSVOA_D
ClientSampleId :
TR-2

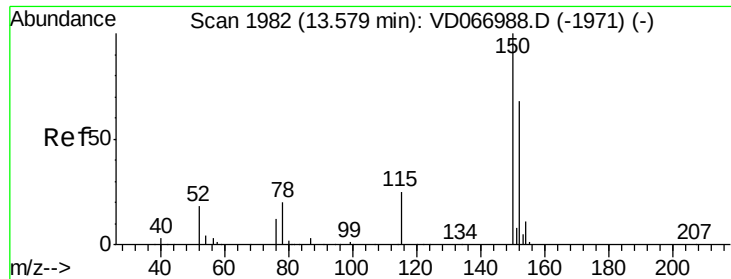
Tot Ion: 95 Resp: 238574
Ion Ratio Lower Upper
95 100
174 87.4 0.0 167.6
176 84.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067192.D
Acq: 08 Oct 2020 14:09

Tgt Ion: 117 Resp: 570014
Ion Ratio Lower Upper
117 100
82 52.5 42.6 63.8
119 32.3 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: VD067192.D

Acq: 08 Oct 2020 14:09

Instrument :

MSVOA_D

ClientSampleId :

TR-2

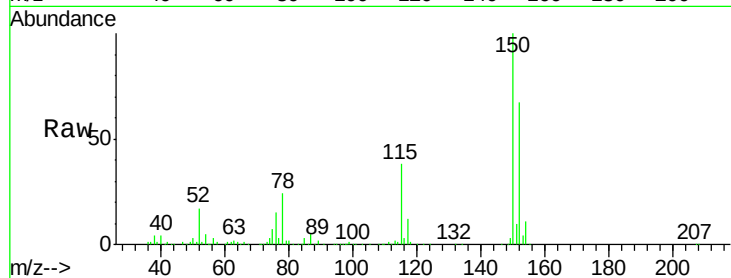
Tot Ion:152 Resp: 274497

Ion Ratio Lower Upper

152 100

115 57.5 29.6 88.8

150 155.6 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

