

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067116.D
 Acq On : 06 Oct 2020 19:02
 Operator : VA/SY
 Sample : L4272-51
 Misc : 7.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-10-(3.5)

Quant Time: Oct 07 01:52:38 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

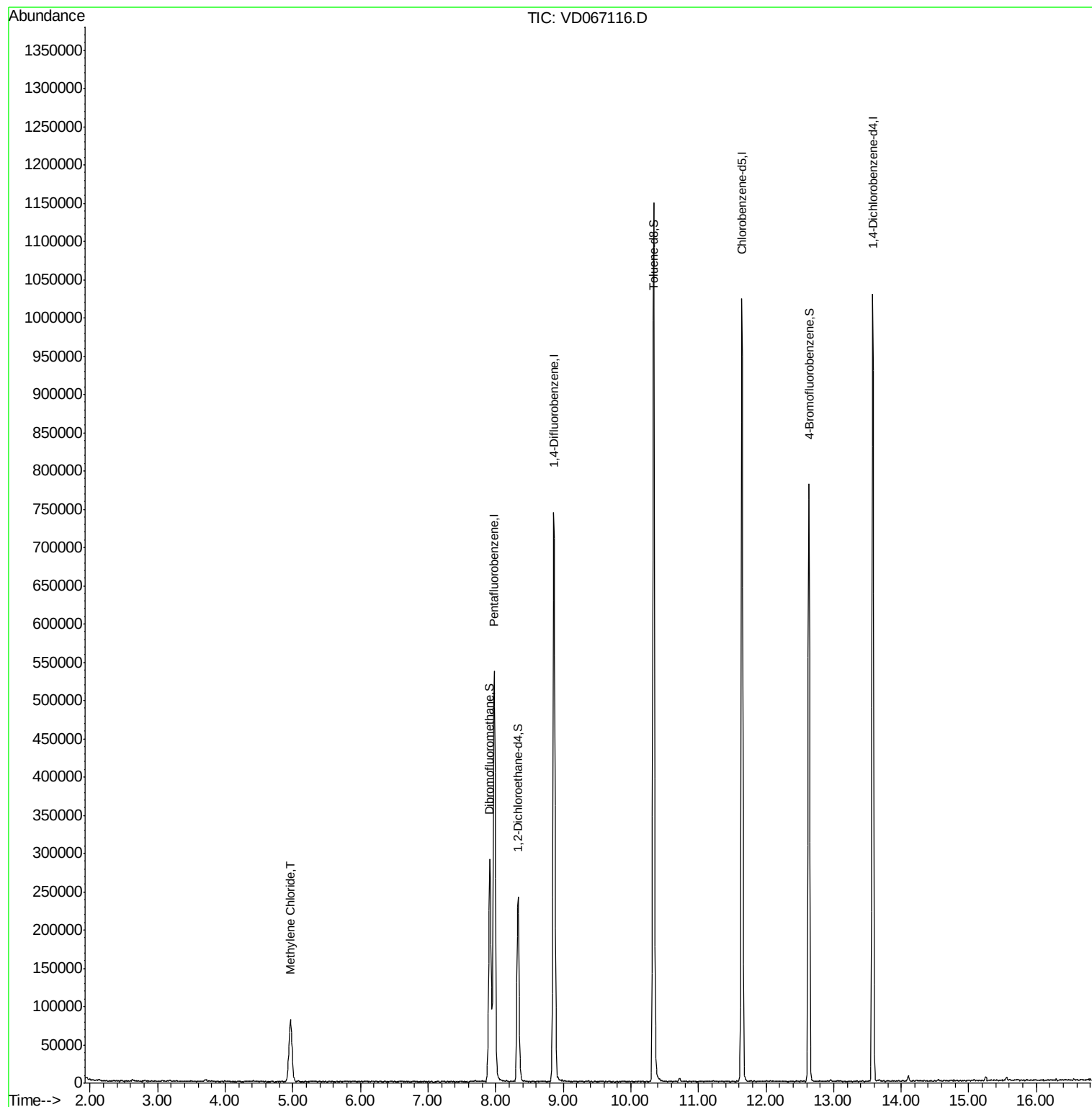
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	398802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	666435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	619028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	200859	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
35) Dibromofluoromethane	7.91	113	215249	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.34	98	786606	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.64	95	258337	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
Target Compounds						
20) Methylene Chloride	4.97	84	68589	10.777	ug/l	Qvalue 99

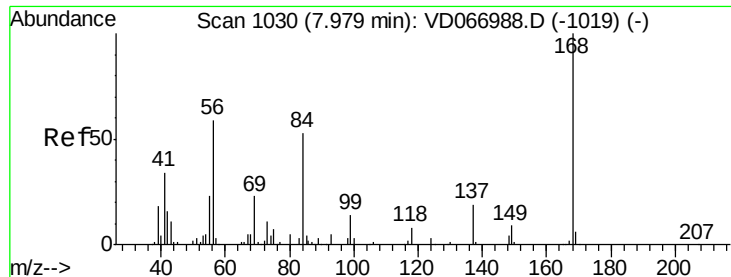
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067116.D

Acq: 06 Oct 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

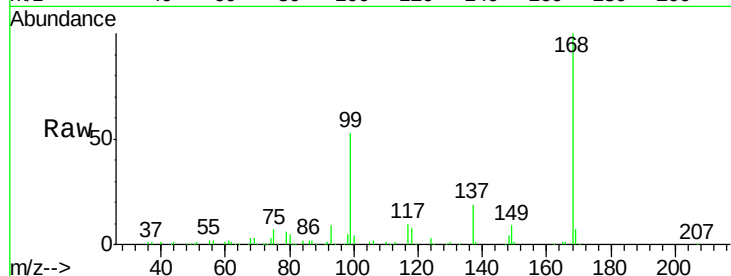
SC-10-(3.5)

Tot Ion:168 Resp: 398802

Ion Ratio Lower Upper

168 100

99 52.6 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

200000

150000

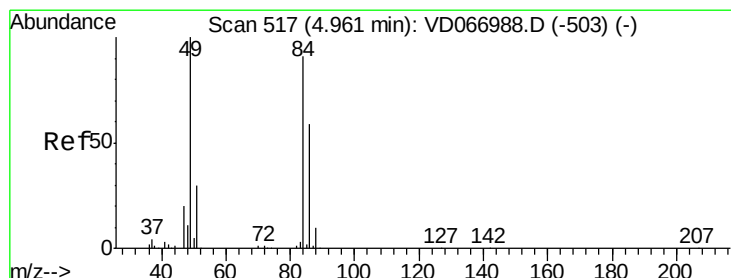
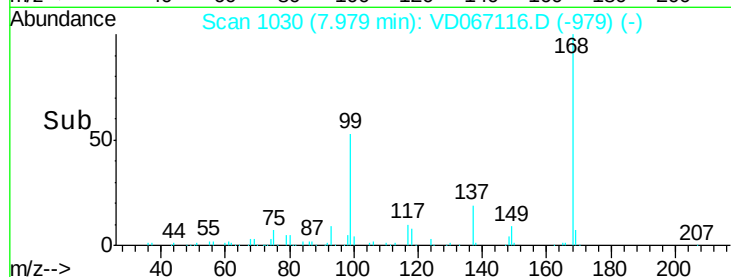
100000

50000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 10.777 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067116.D

Acq: 06 Oct 2020 19:02

Tgt Ion: 84 Resp: 68589

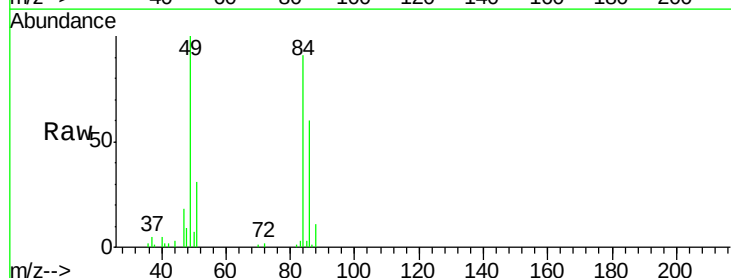
Ion Ratio Lower Upper

84 100

49 109.4 88.2 132.2

51 34.3 26.6 39.8

86 66.1 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

30000

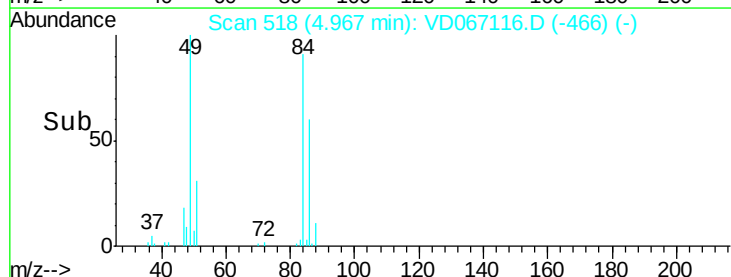
20000

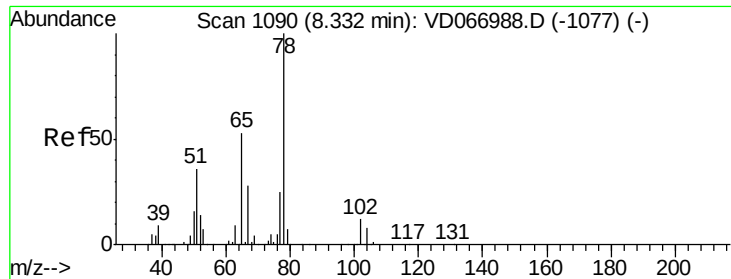
10000

0

Time-->

4.90 5.00 5.10

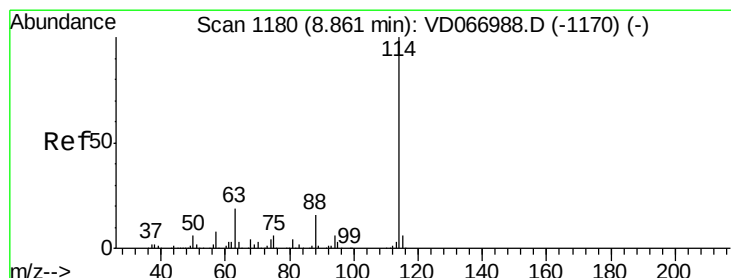
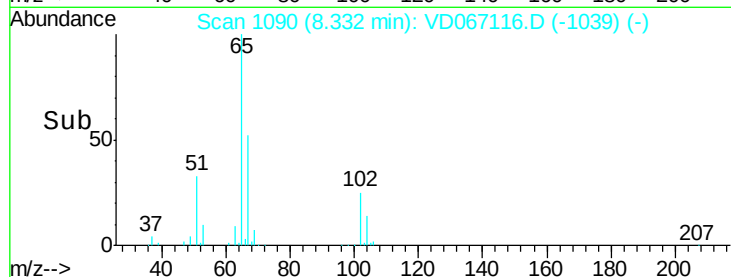
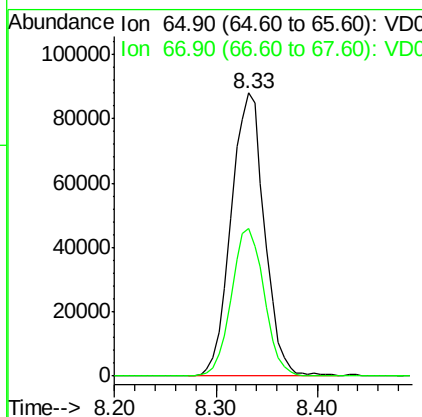
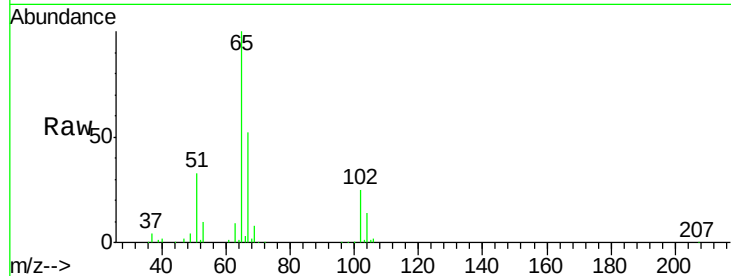




#33
 1,2-Dichloroethane-d4
 Concen: 52.290 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067116.D
 Acq: 06 Oct 2020 19:02

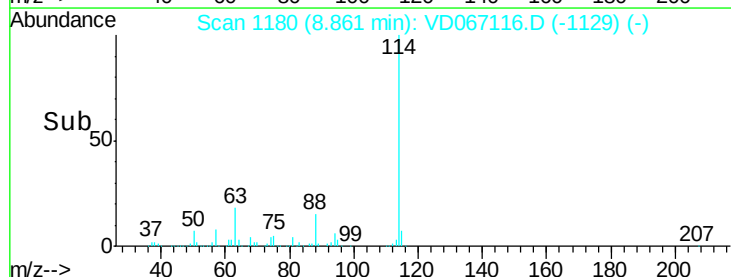
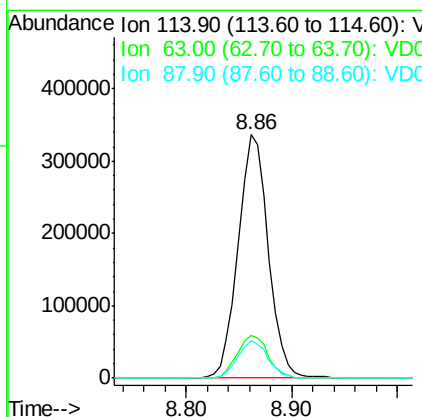
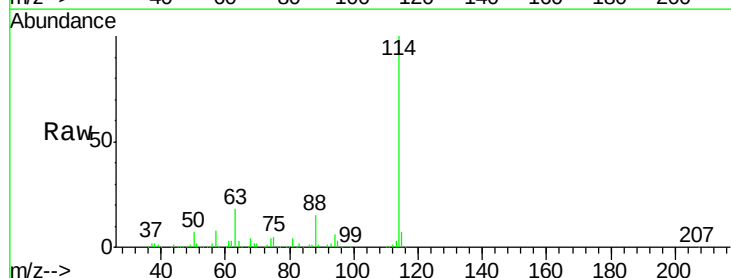
Instrument :
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 SC-10-(3.5)

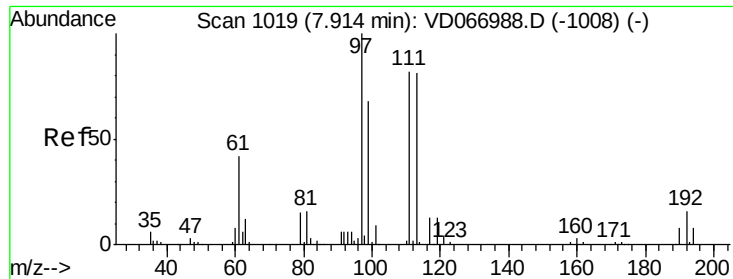
Tot Ion: 65 Resp: 200859
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067116.D
 Acq: 06 Oct 2020 19:02

Tgt Ion: 114 Resp: 666435
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 38.4
 88 15.3 0.0 31.2

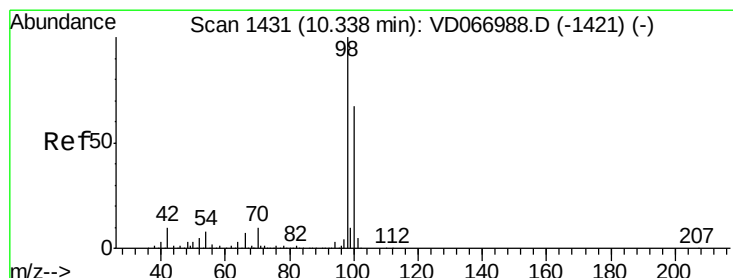
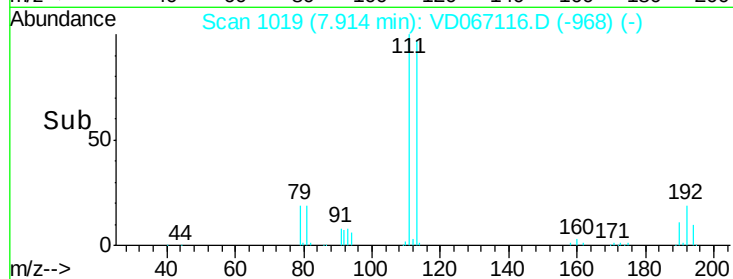
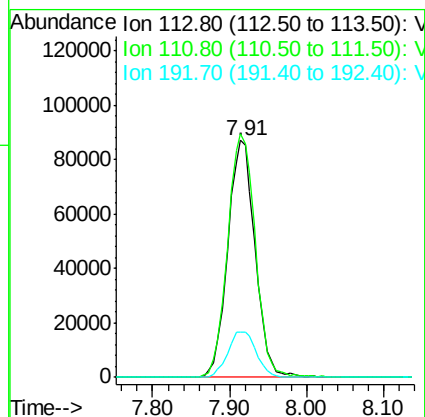
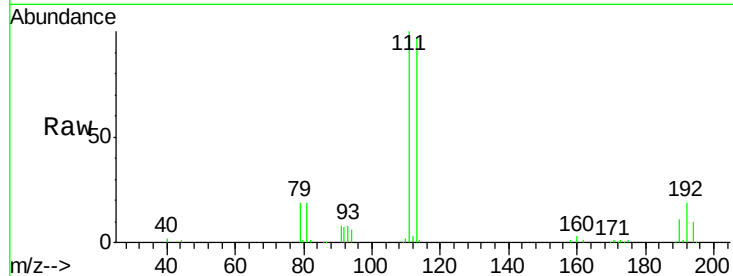




#35
 Dibromofluoromethane
 Concen: 49.335 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067116.D
 Acq: 06 Oct 2020 19:02

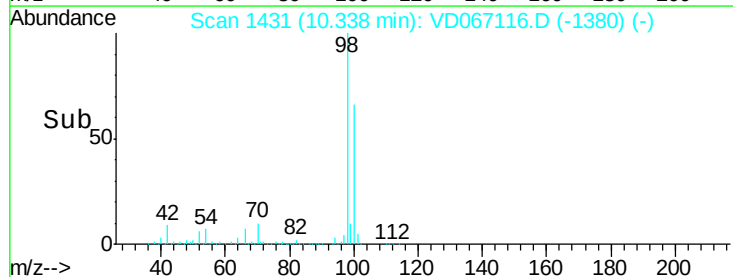
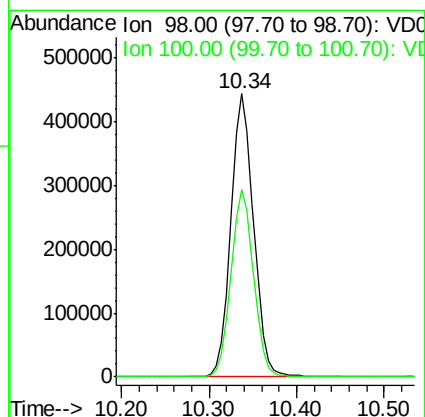
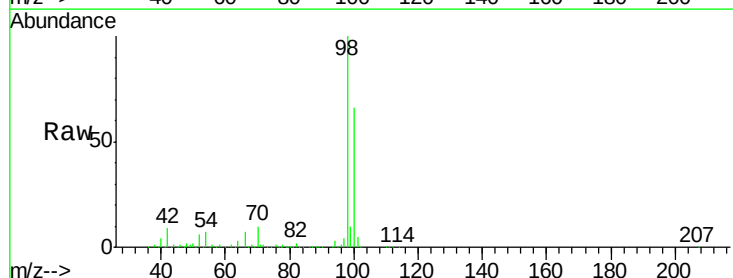
Instrument :
 MSVOA_D
 ClientSampleId :
 SC-10-(3.5)

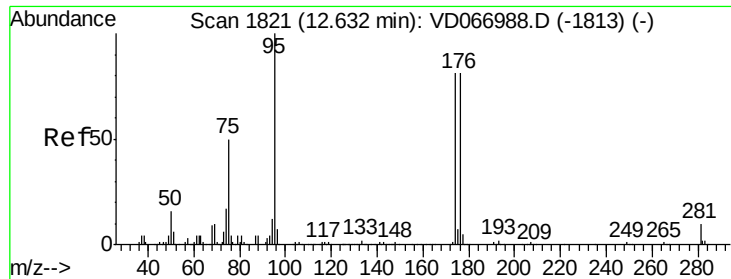
Tot Ion:113 Resp: 215249
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.0 124.4
 192 20.0 15.5 23.3



#50
 Toluene-d8
 Concen: 49.477 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067116.D
 Acq: 06 Oct 2020 19:02

Tgt Ion: 98 Resp: 786606
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.8 79.2

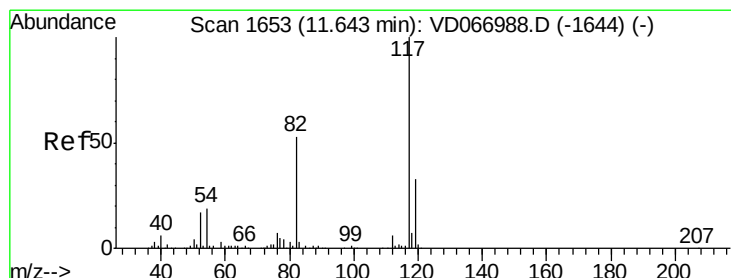
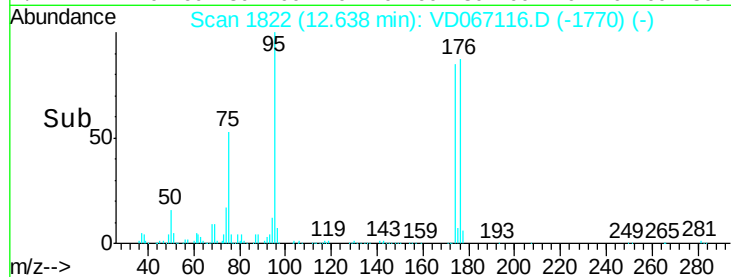
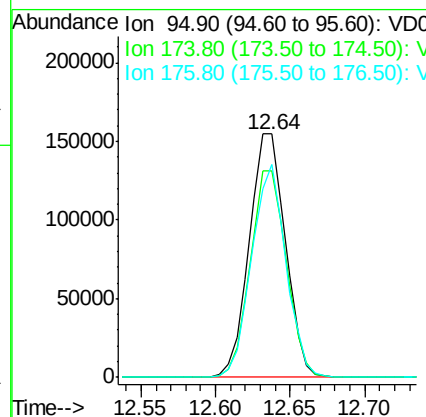
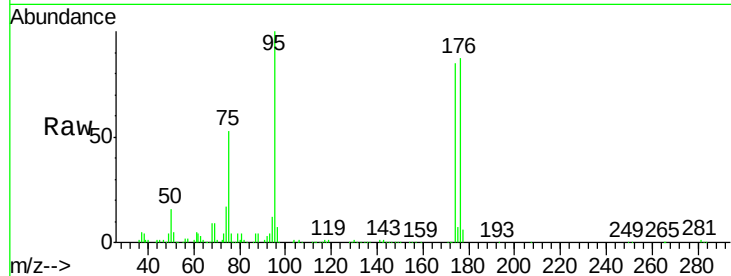




#62
4-Bromofluorobenzene
Concen: 47.866 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067116.D
Acq: 06 Oct 2020 19:02

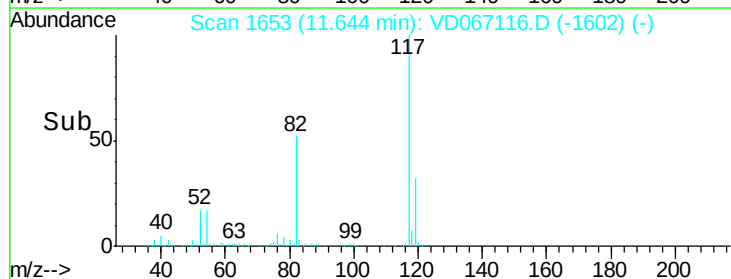
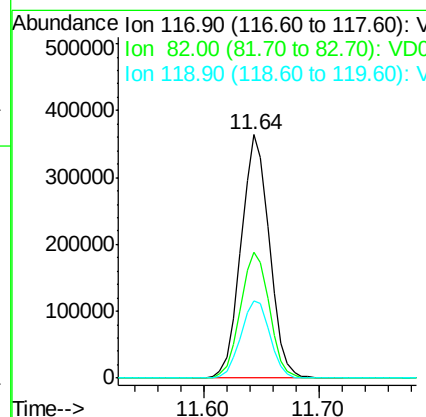
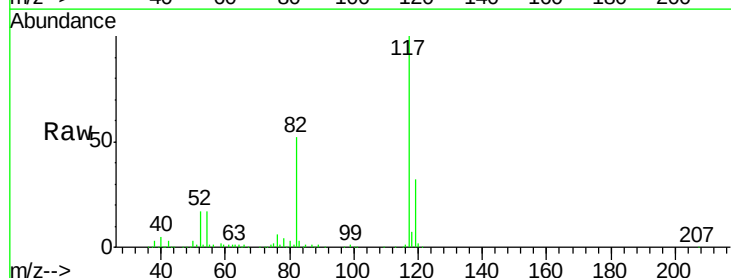
Instrument :
MSVOA_D
ClientSampleId :
SC-10-(3.5)

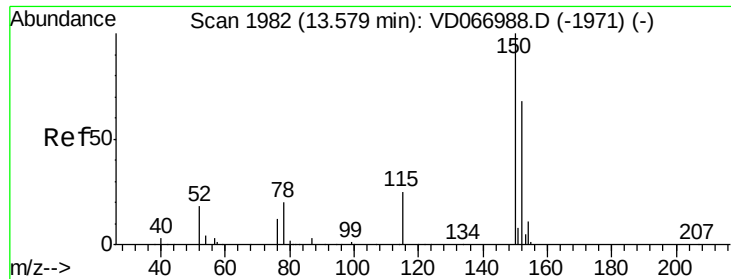
Tot Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	167.6
176	83.0	0.0	162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067116.D
Acq: 06 Oct 2020 19:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.6	63.8
119	31.9	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067116.D

Acq: 06 Oct 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

SC-10-(3.5)

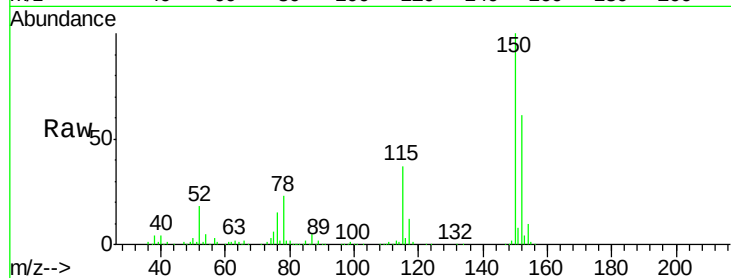
Tot Ion:152 Resp: 282849

Ion Ratio Lower Upper

152 100

115 59.0 29.6 88.8

150 159.6 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

