

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066798.D
 Acq On : 21 Sep 2020 22:16
 Operator : VA/SY
 Sample : L4099-01
 Misc : 3.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 029

Quant Time: Sep 22 01:49:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

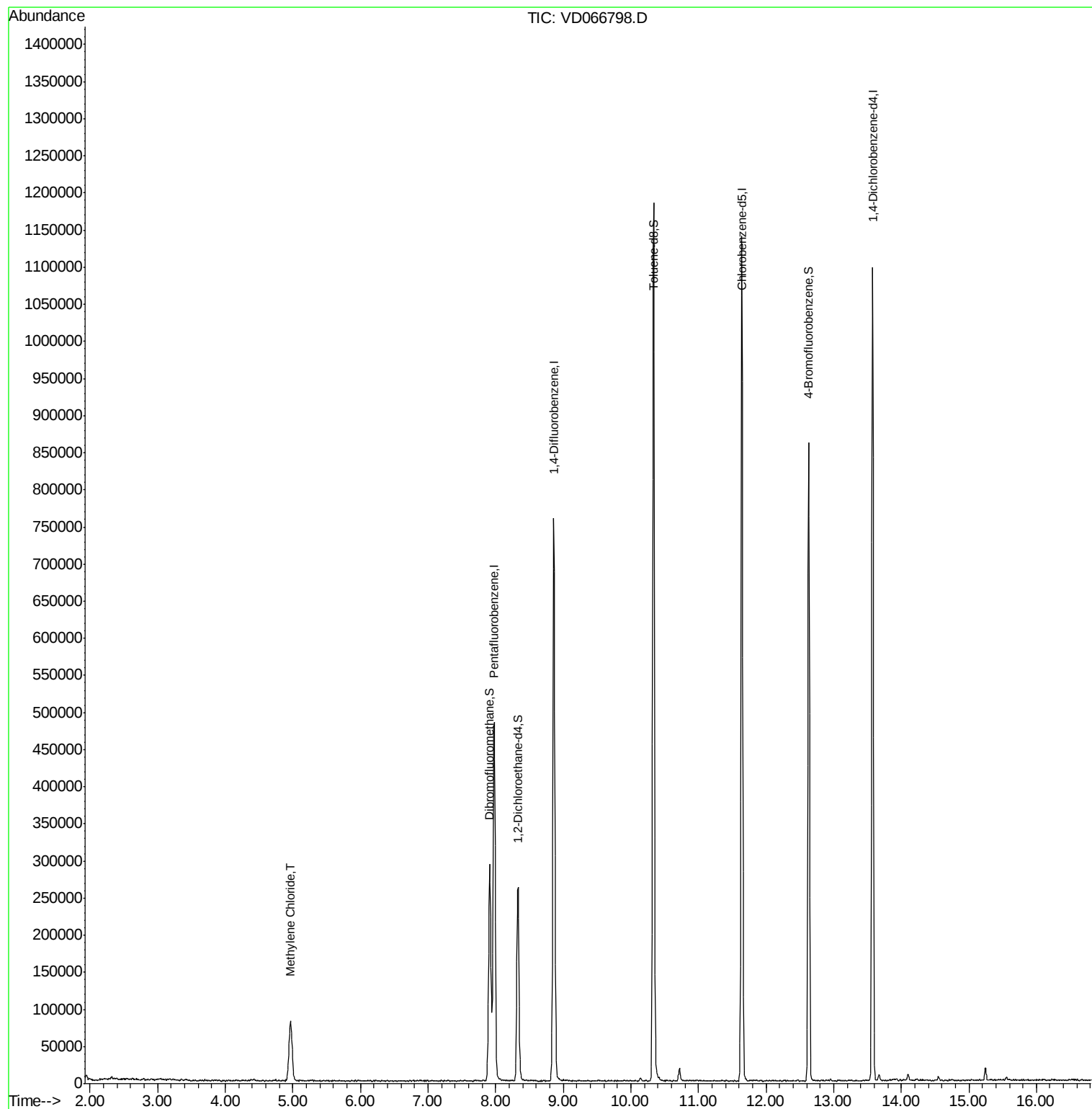
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	346331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	639455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	637526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	214519	58.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.10%	
35) Dibromofluoromethane	7.91	113	207856	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
50) Toluene-d8	10.34	98	798093	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.28%	
62) 4-Bromofluorobenzene	12.63	95	268665	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
Target Compounds						
20) Methylene Chloride	4.97	84	64364	10.027	ug/l	Qvalue 87

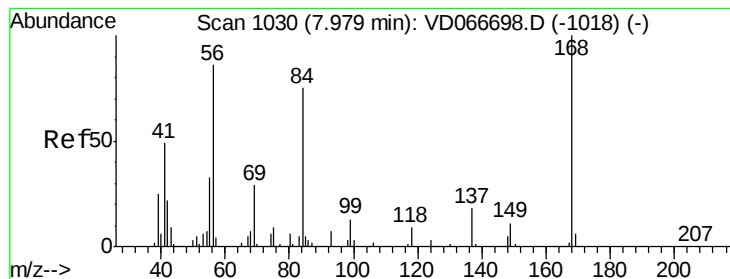
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066798.D

Acq: 21 Sep 2020 22:16

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MSVOA_D

ClientSampleId :

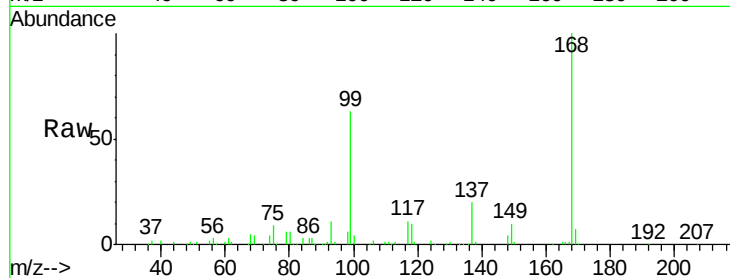
029

Tot Ion:168 Resp: 346331

Ion Ratio Lower Upper

168 100

99 62.6 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

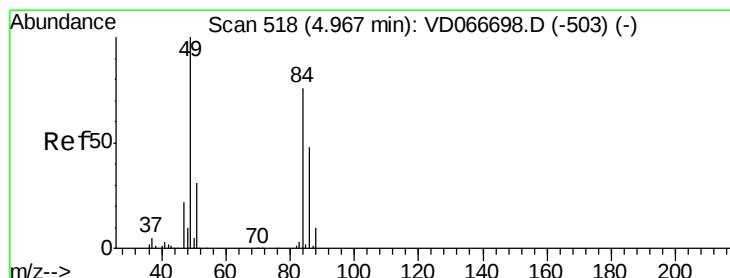
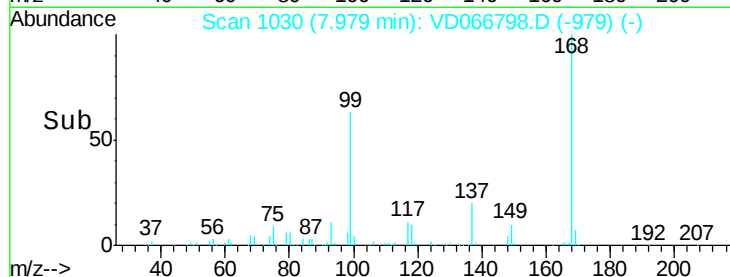
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 10.027 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066798.D

Acq: 21 Sep 2020 22:16

Tgt Ion: 84 Resp: 64364

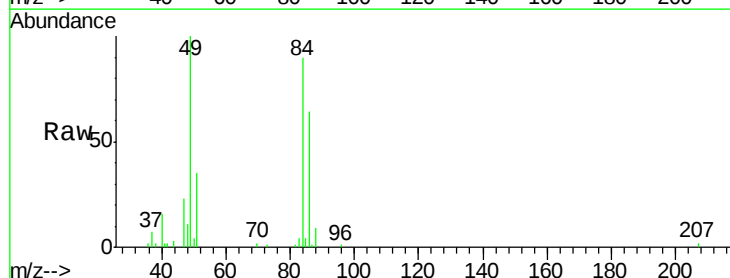
Ion Ratio Lower Upper

84 100

49 111.0 105.0 157.6

51 39.1 32.2 48.4

86 70.8 50.4 75.6



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

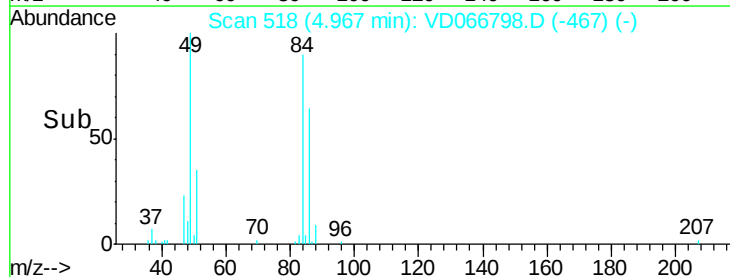
30000

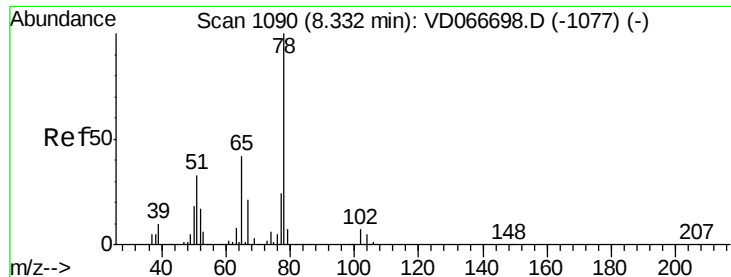
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10000

0

Time-->

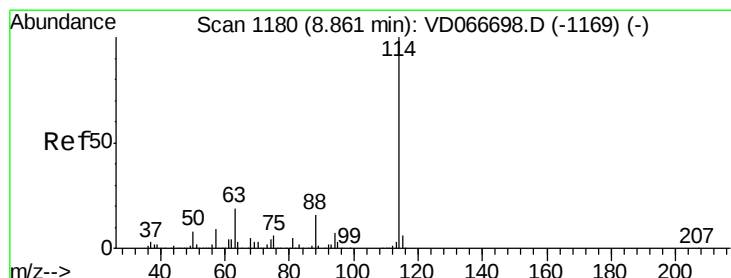
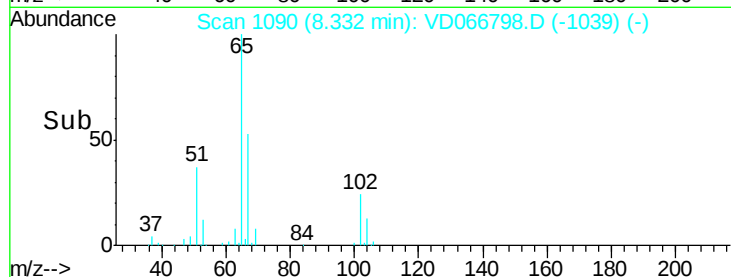
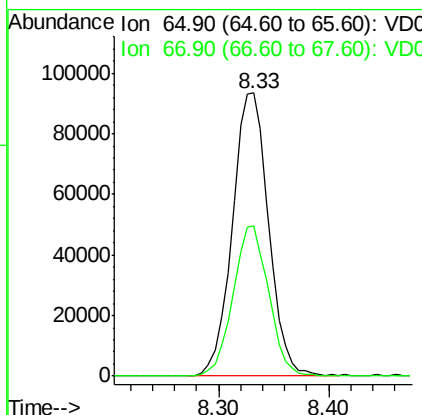
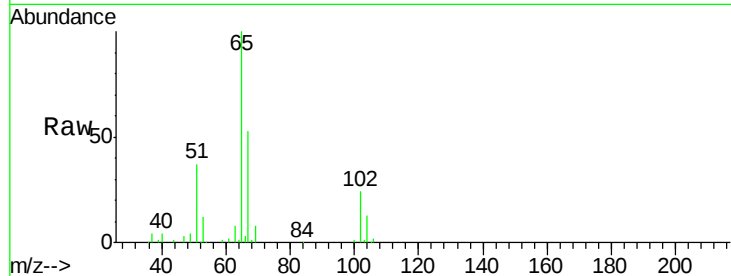




#33
 1,2-Dichloroethane-d4
 Concen: 58.054 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066798.D
 Acq: 21 Sep 2020 22:16

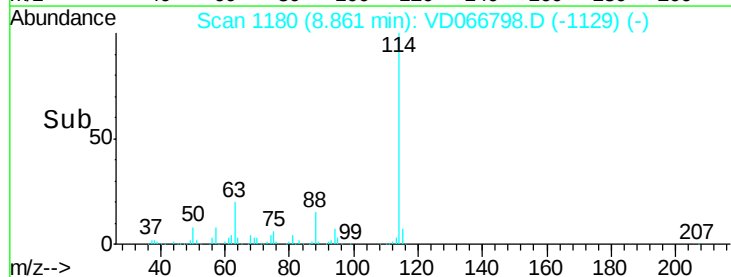
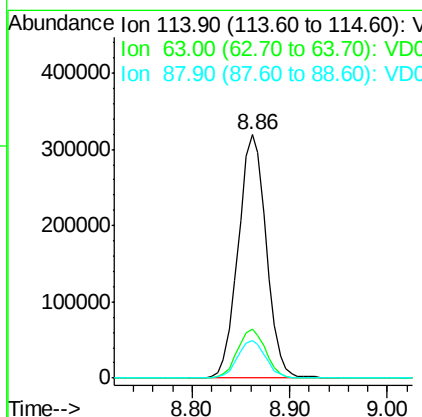
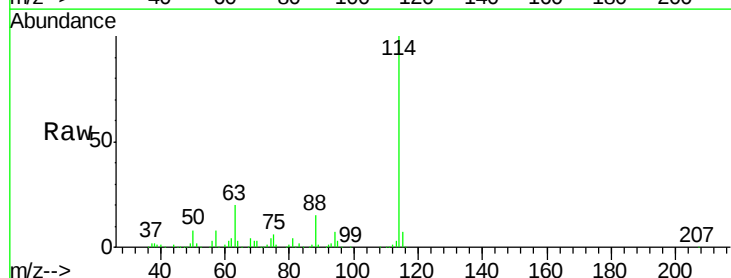
Instrument :
 MSVOA_D
 ClientSampled :
 029

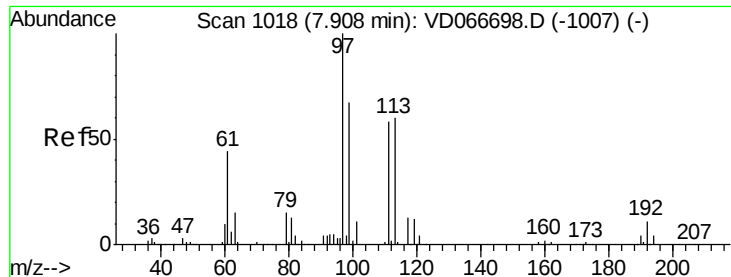
Tot Ion: 65 Resp: 214519
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066798.D
 Acq: 21 Sep 2020 22:16

Tgt Ion: 114 Resp: 639455
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.6
 88 15.4 0.0 32.2

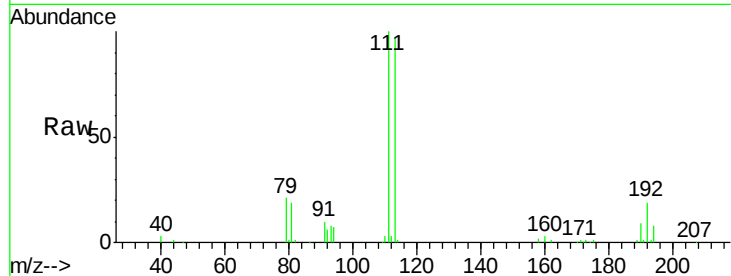




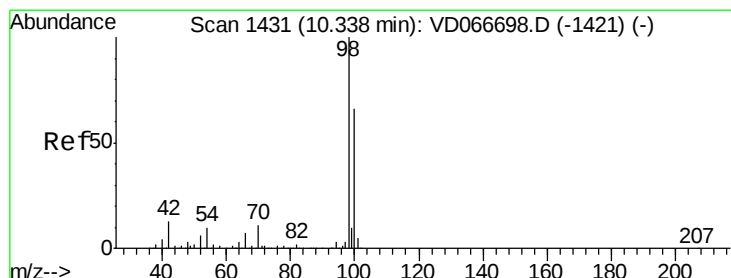
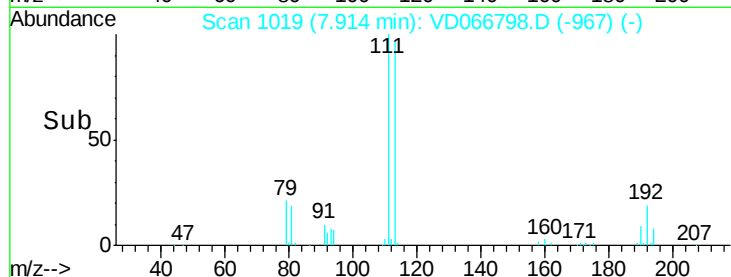
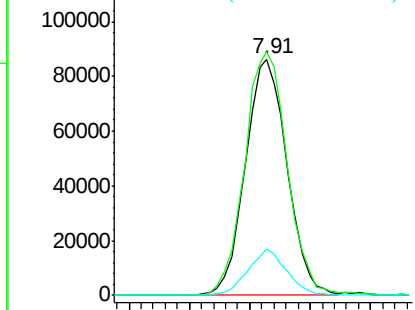
#35
Dibromofluoromethane
Concen: 53.018 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066798.D
Acq: 21 Sep 2020 22:16

Instrument :
MSVOA_D
ClientSampleId :
029

Tot Ion:113 Resp: 207856
Ion Ratio Lower Upper
113 100
111 105.8 83.2 124.8
192 18.3 14.8 22.2

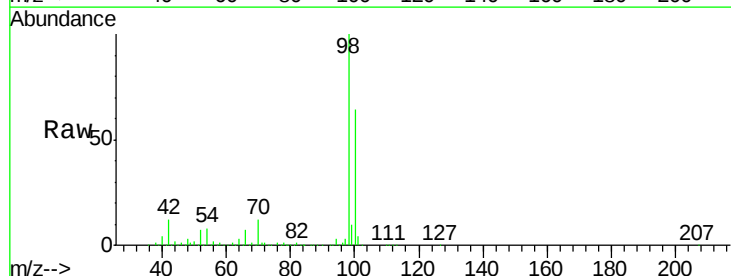


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

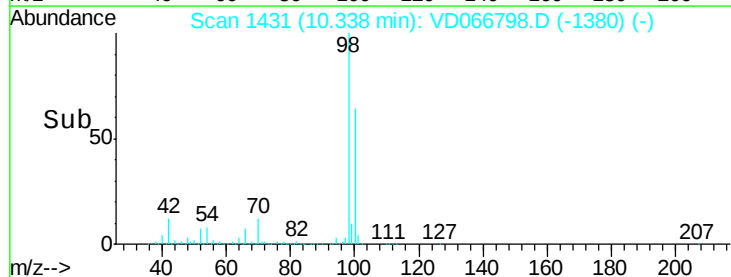
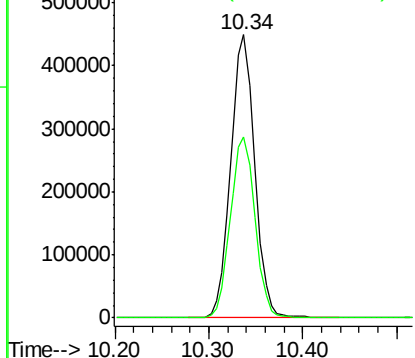


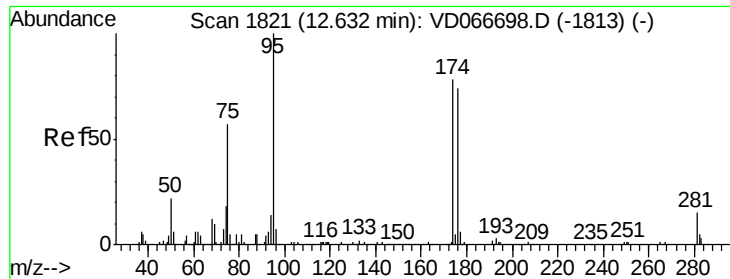
#50
Toluene-d8
Concen: 57.139 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066798.D
Acq: 21 Sep 2020 22:16

Tgt Ion: 98 Resp: 798093
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



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

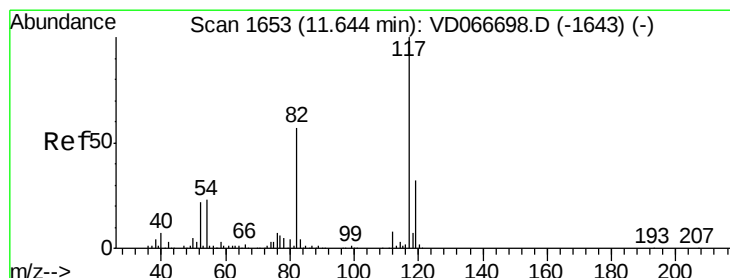
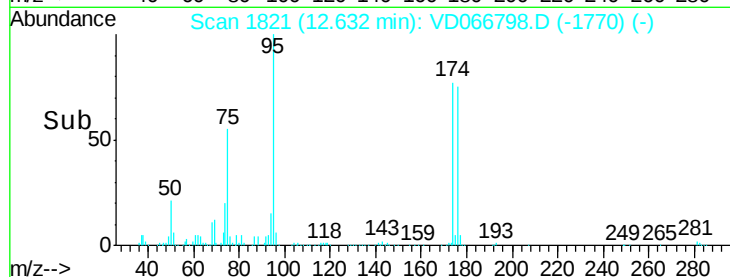
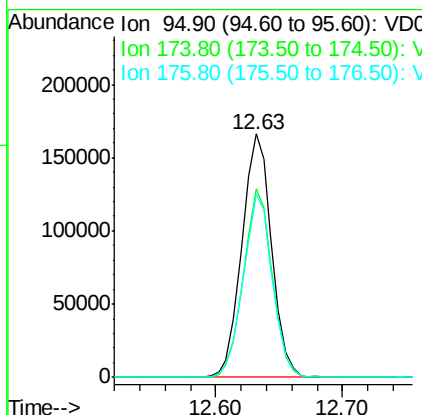
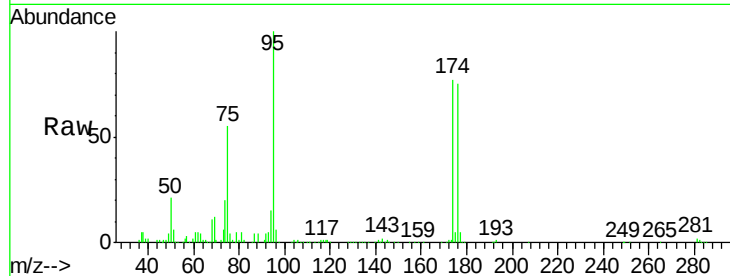




#62
4-Bromofluorobenzene
Concen: 55.723 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066798.D
Acq: 21 Sep 2020 22:16

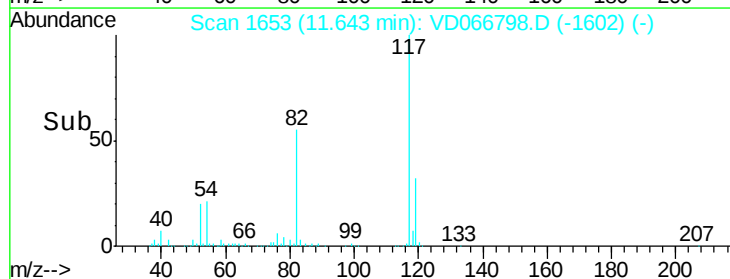
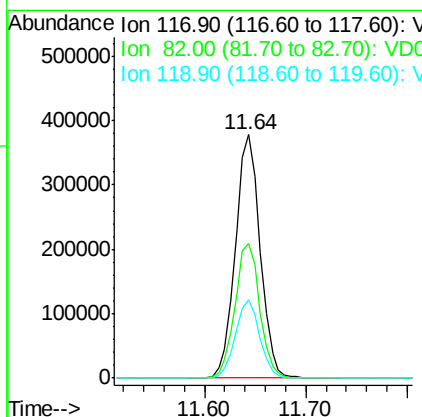
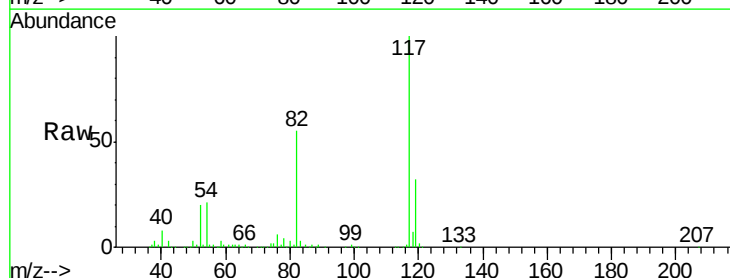
Instrument :
MSVOA_D
ClientSampled :
029

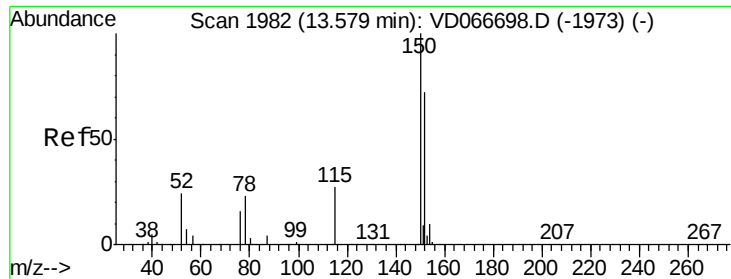
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	156.6
176	74.1	0.0	150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066798.D
Acq: 21 Sep 2020 22:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.4	68.0
119	32.0	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066798.D

Acq: 21 Sep 2020 22:16

Instrument :

MSVOA_D

ClientSampleId :

029

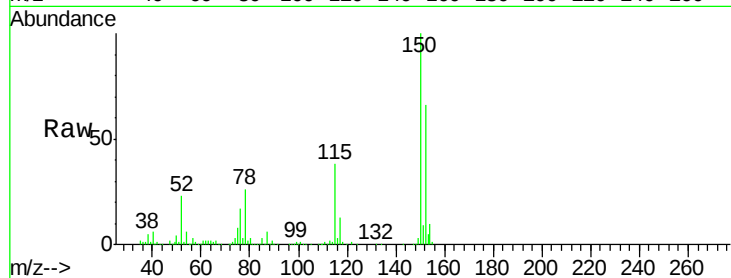
Tot Ion:152 Resp: 282156

Ion Ratio Lower Upper

152 100

115 58.8 30.5 91.5

150 155.5 0.0 344.6



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

