

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067201.D
 Acq On : 08 Oct 2020 18:16
 Operator : VA/SY
 Sample : L4313-02
 Misc : 6.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-1

Quant Time: Oct 09 03:40:52 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

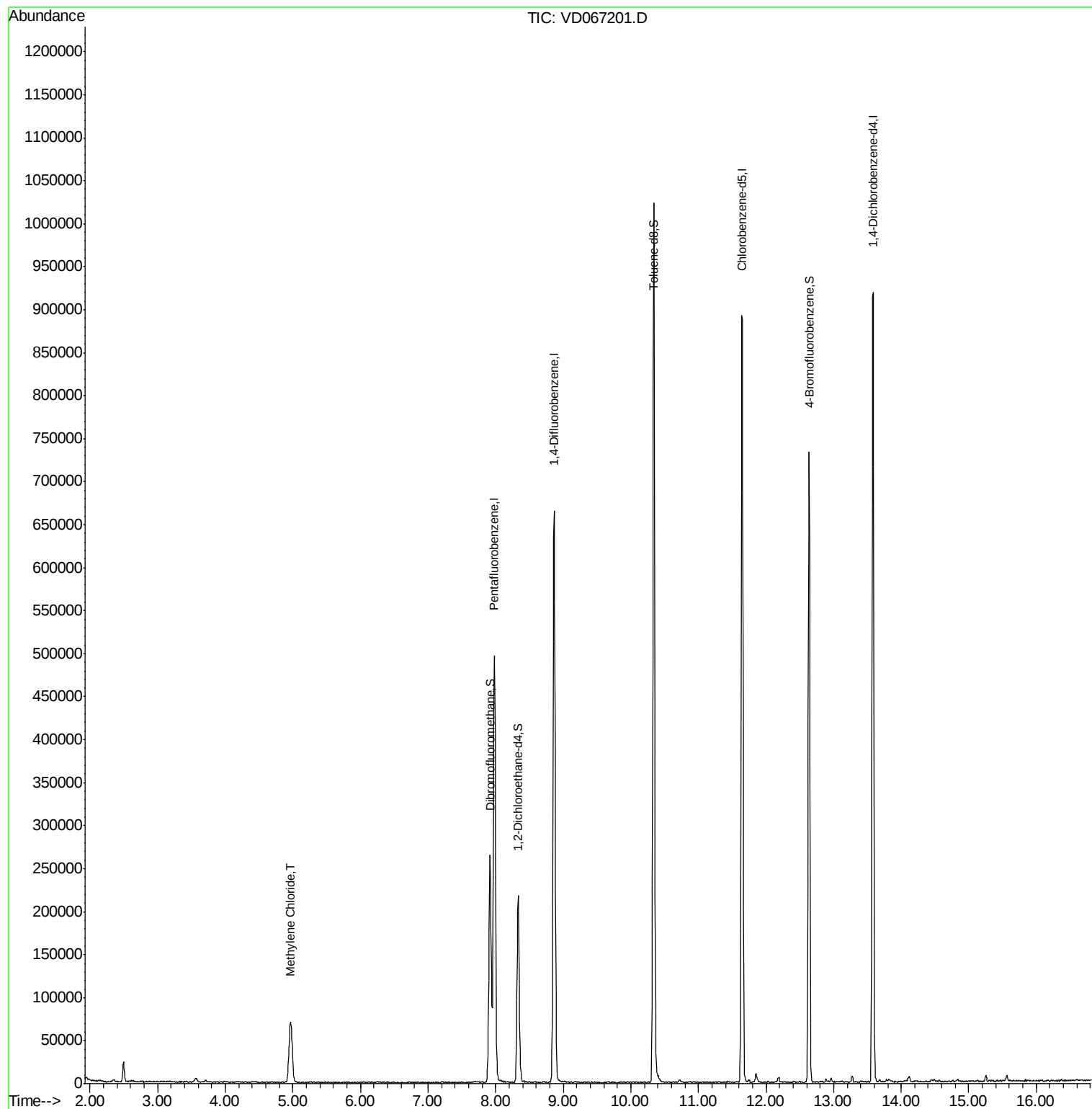
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	378769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	607354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	558703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	267278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	183206	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	7.92	113	191296	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	10.34	98	711647	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.64	95	234193	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
Target Compounds						
20) Methylene Chloride	4.97	84	61946	9.830	ug/l	Qvalue 96

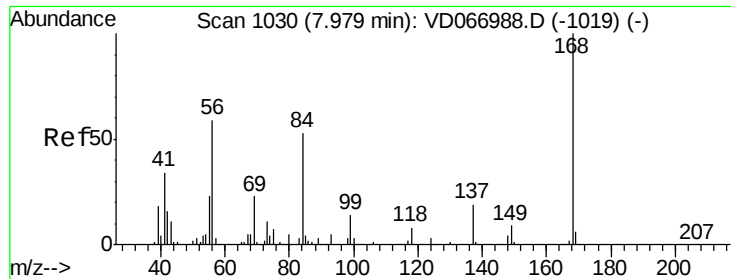
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067201.D

Acq: 08 Oct 2020 18:16

Instrument :

MSVOA_D

ClientSampled :

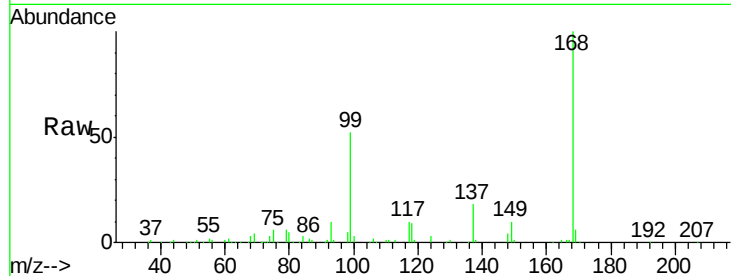
TR-1

Tot Ion:168 Resp: 378769

Ion Ratio Lower Upper

168 100

99 52.3 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

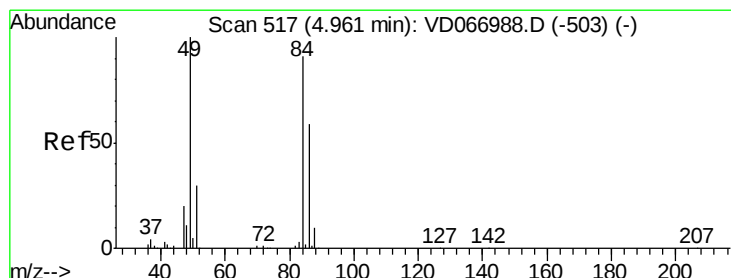
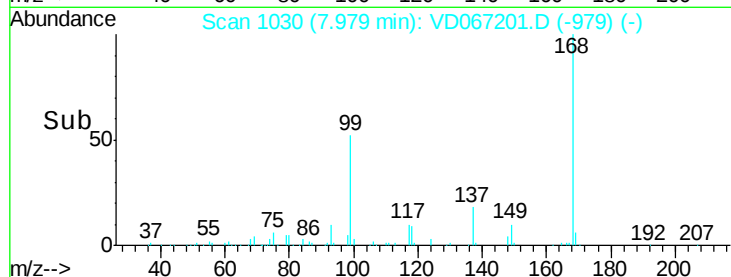
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 9.830 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067201.D

Acq: 08 Oct 2020 18:16

Tgt Ion: 84 Resp: 61946

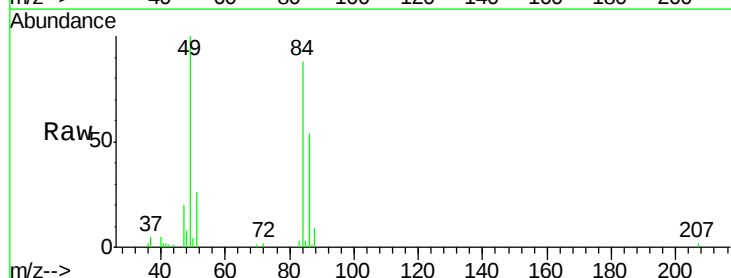
Ion Ratio Lower Upper

84 100

49 113.0 88.2 132.2

51 29.1 26.6 39.8

86 60.8 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

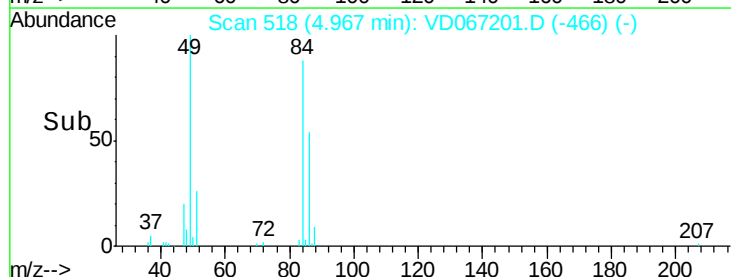
15000

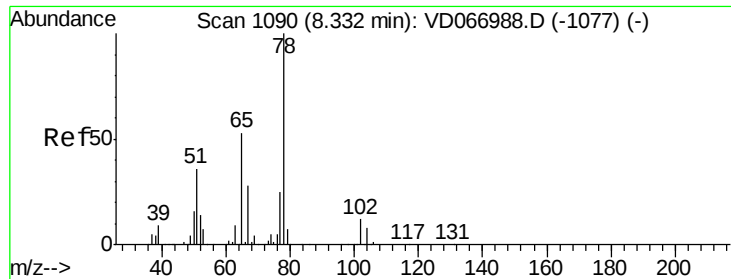
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.217 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067201.D

Acq: 08 Oct 2020 18:16

Instrument :

MSVOA_D

ClientSampleId :

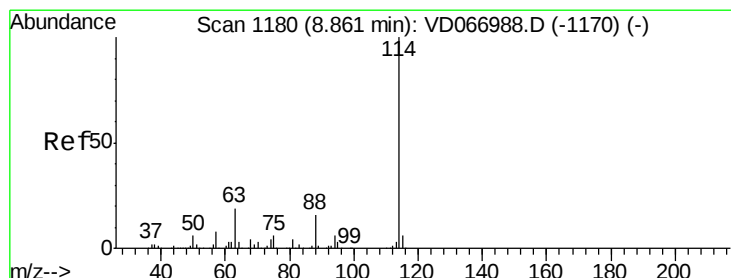
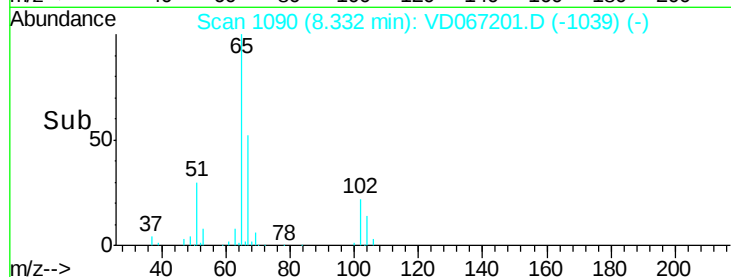
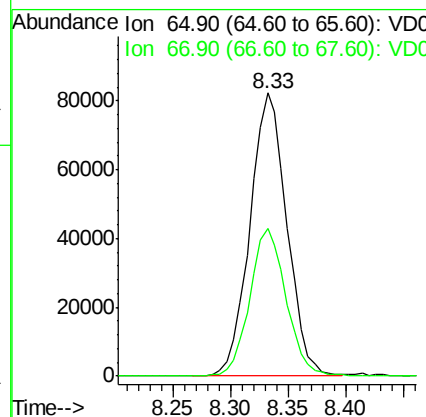
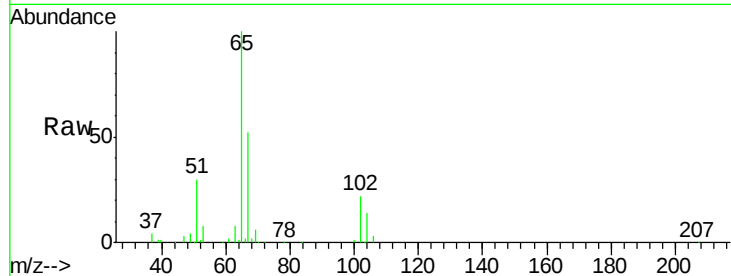
TR-1

Tot Ion: 65 Resp: 183206

Ion Ratio Lower Upper

65 100

67 51.3 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: VD067201.D

Acq: 08 Oct 2020 18:16

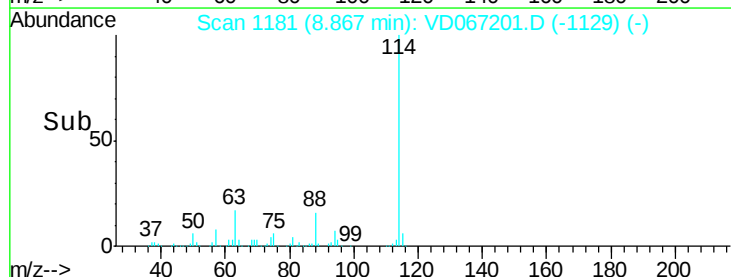
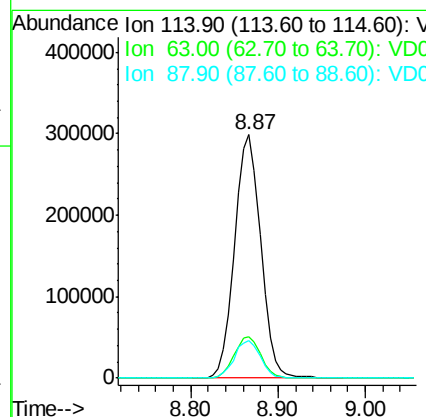
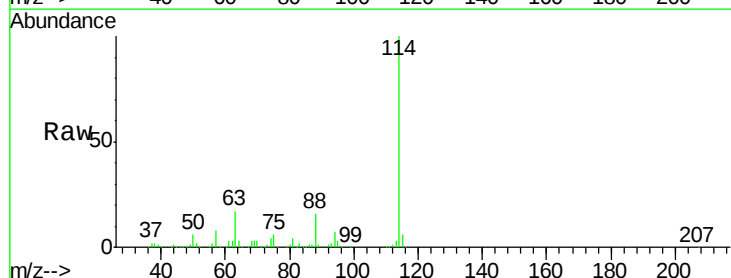
Tgt Ion: 114 Resp: 607354

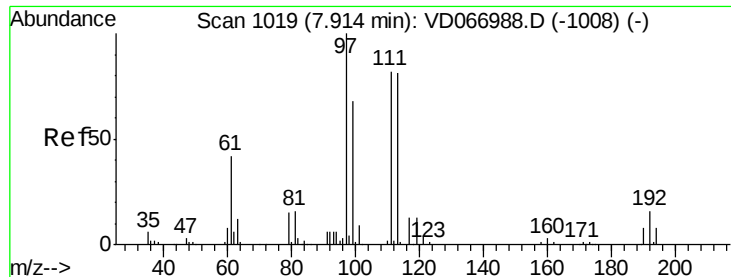
Ion Ratio Lower Upper

114 100

63 17.1 0.0 38.4

88 15.6 0.0 31.2

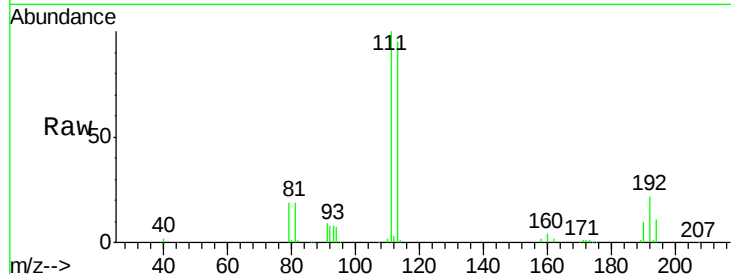




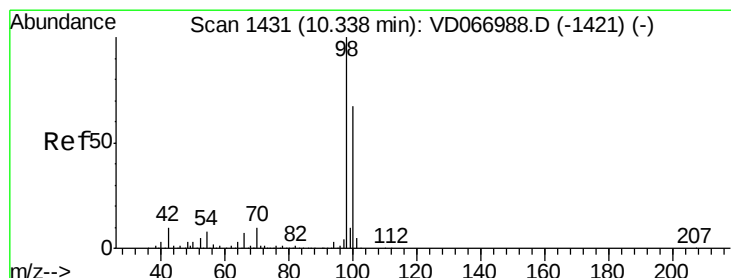
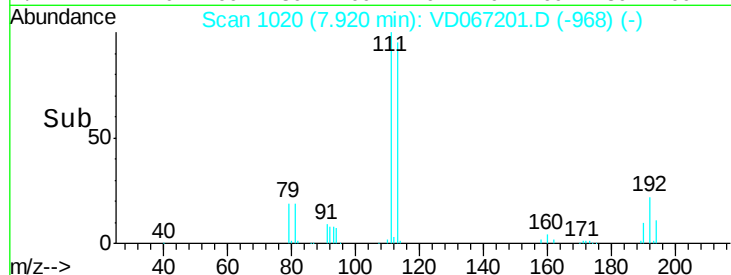
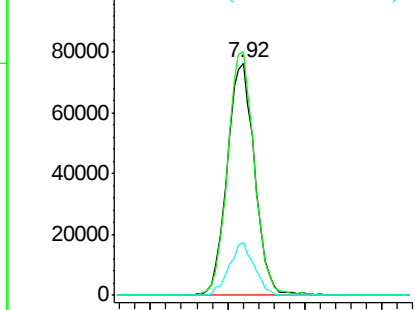
#35
Dibromofluoromethane
Concen: 48.110 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067201.D
Acq: 08 Oct 2020 18:16

Instrument :
MSVOA_D
ClientSampleId :
TR-1

Tot Ion:113 Resp: 191296
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.4
192 20.8 15.5 23.3

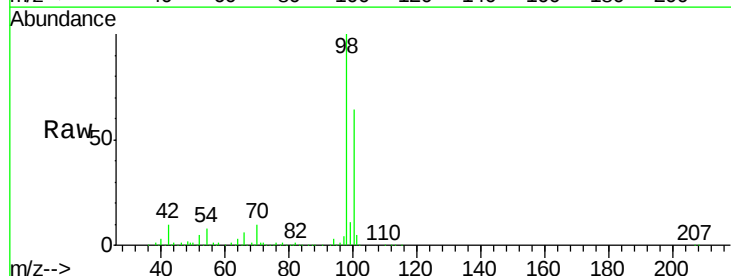


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

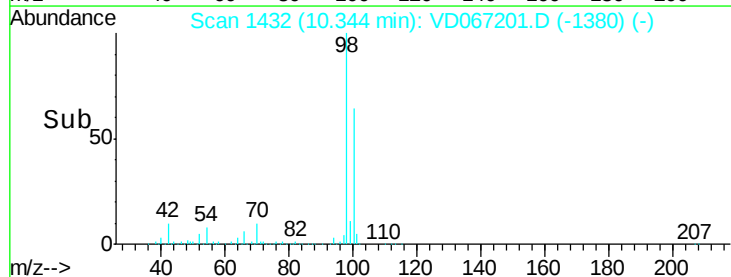
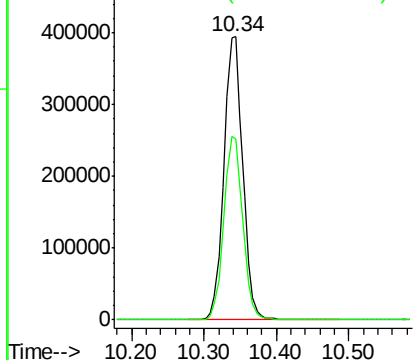


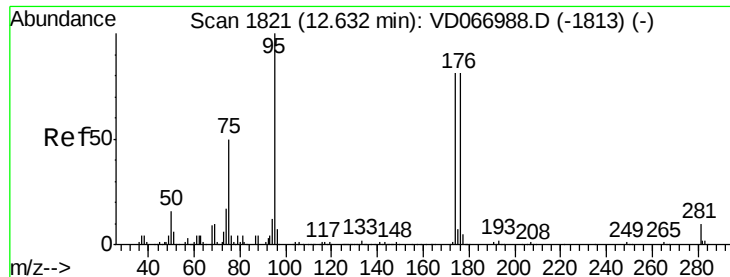
#50
Toluene-d8
Concen: 49.117 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD067201.D
Acq: 08 Oct 2020 18:16

Tgt Ion: 98 Resp: 711647
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



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

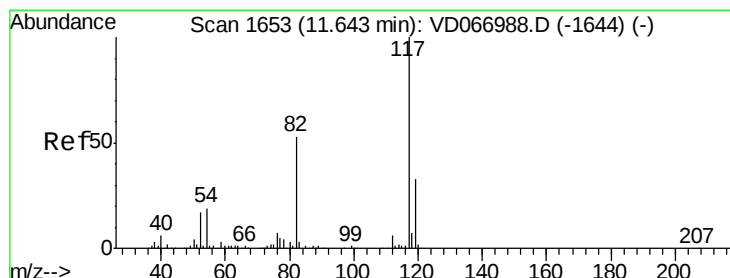
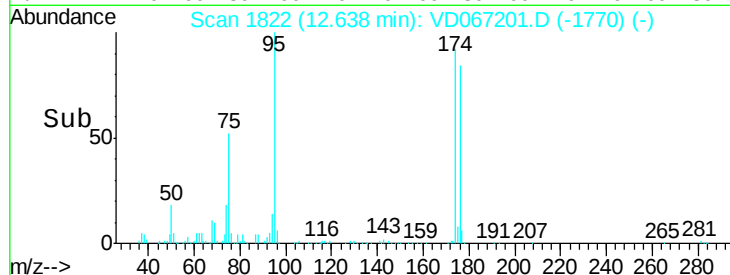
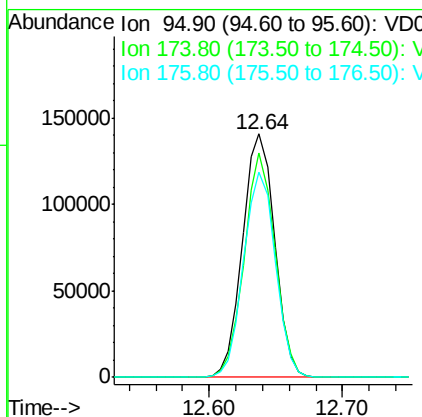
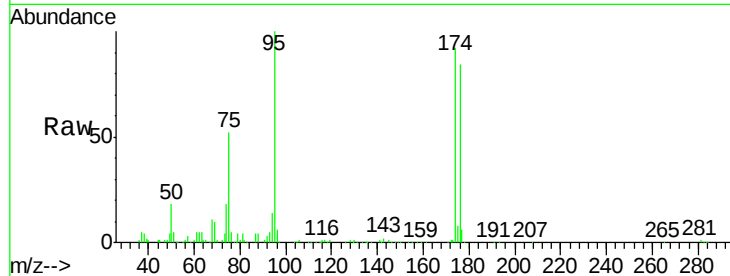




#62
4-Bromofluorobenzene
Concen: 47.613 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067201.D
Acq: 08 Oct 2020 18:16

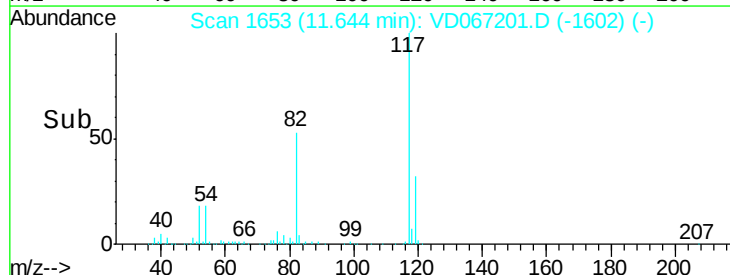
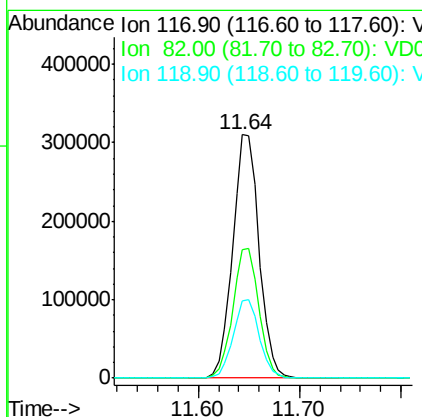
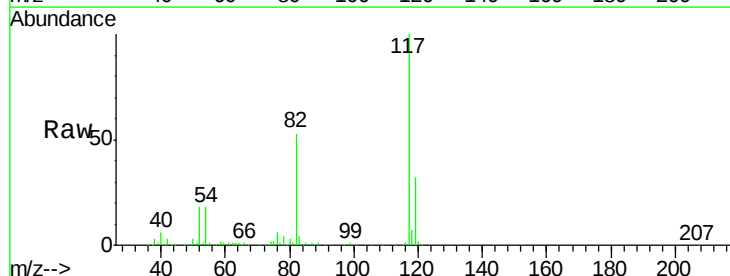
Instrument :
MSVOA_D
ClientSampleId :
TR-1

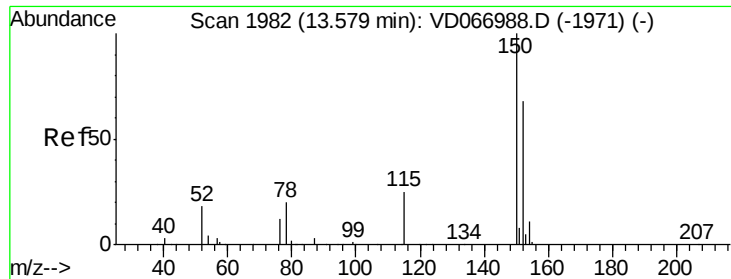
Tot Ion: 95 Resp: 234193
Ion Ratio Lower Upper
95 100
174 88.2 0.0 167.6
176 83.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067201.D
Acq: 08 Oct 2020 18:16

Tgt Ion: 117 Resp: 558703
Ion Ratio Lower Upper
117 100
82 52.7 42.6 63.8
119 31.6 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: VD067201.D

Acq: 08 Oct 2020 18:16

Instrument :

MSVOA_D

ClientSampleId :

TR-1

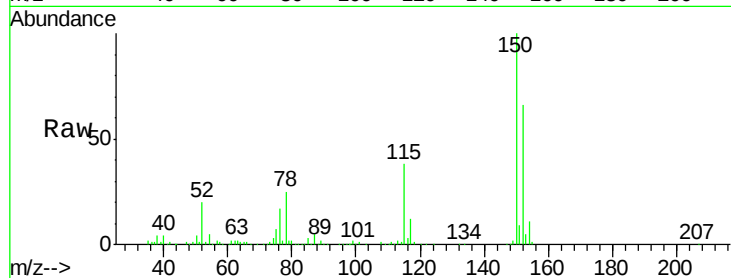
Tot Ion:152 Resp: 267278

Ion Ratio Lower Upper

152 100

115 57.6 29.6 88.8

150 155.3 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

