

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067110.D
 Acq On : 06 Oct 2020 16:17
 Operator : VA/SY
 Sample : L4272-33
 Misc : 8.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-4-(6.5)

Quant Time: Oct 07 01:45:06 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

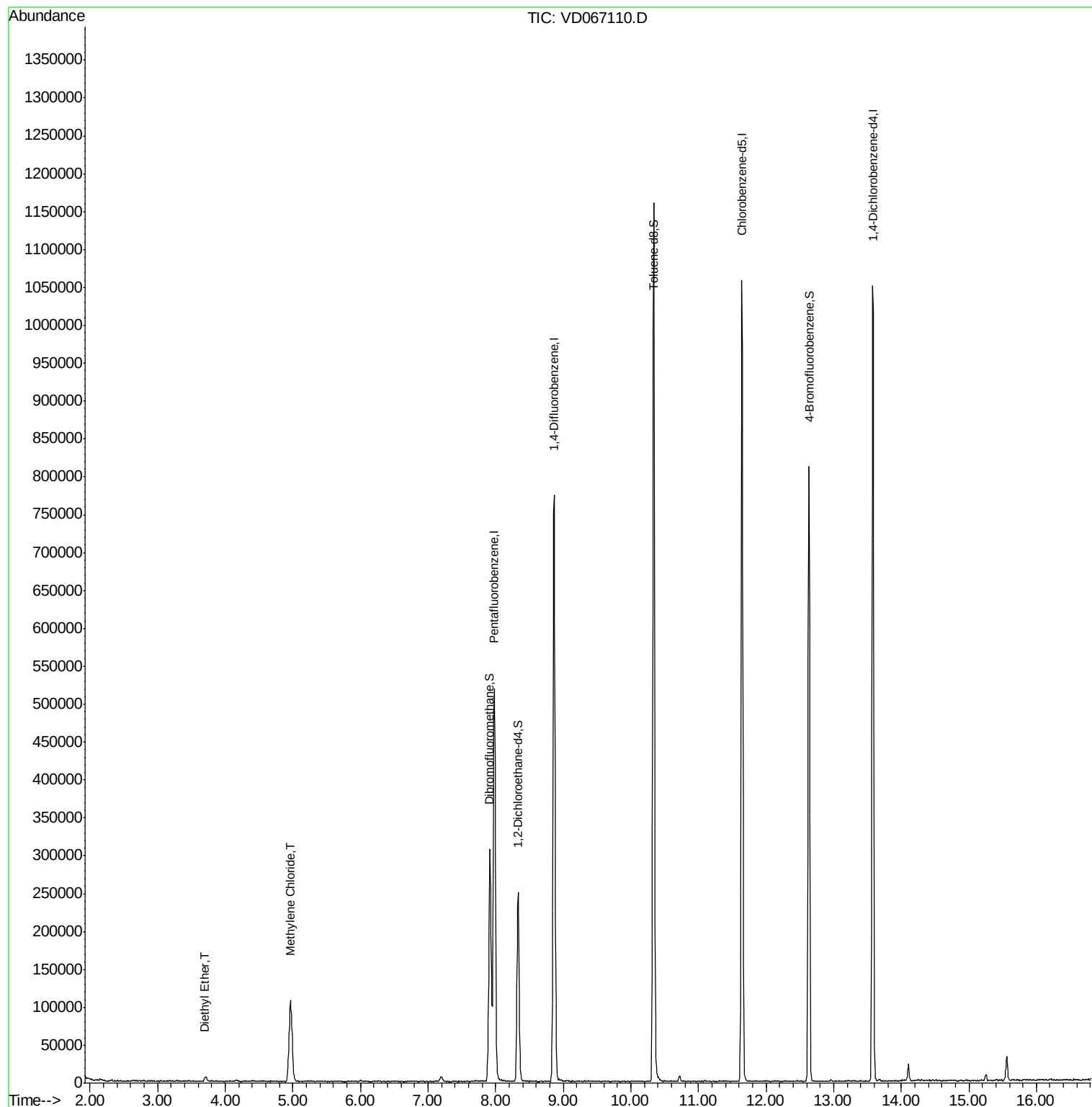
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	400407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	686409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	634086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	295284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	199909	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
35) Dibromofluoromethane	7.91	113	222539	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	10.34	98	797521	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.64	95	261880	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
Target Compounds						
8) Diethyl Ether	3.70	74	3863	2.193	ug/l	88
20) Methylene Chloride	4.97	84	90777	16.915	ug/l	86

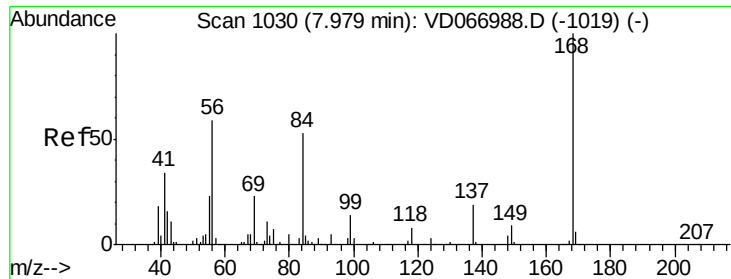
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100620\
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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: VD067110.D

Acq: 06 Oct 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

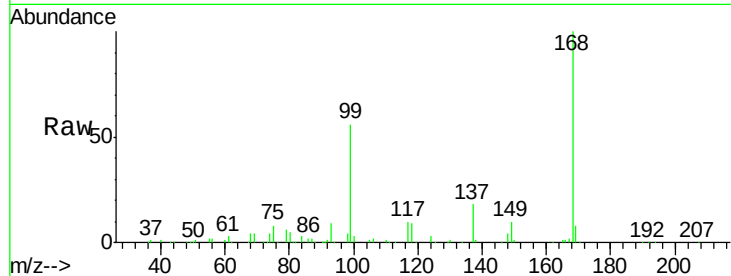
SC-4-(6.5)

Tot Ion:168 Resp: 400407

Ion Ratio Lower Upper

168 100

99 56.4 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

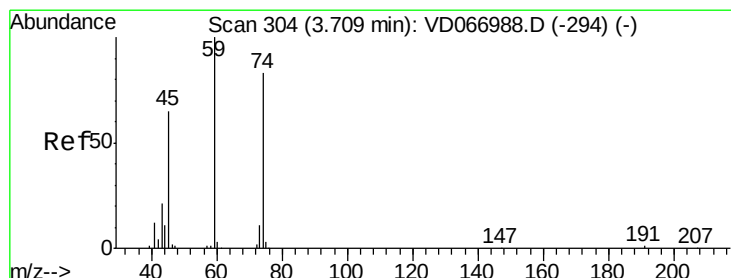
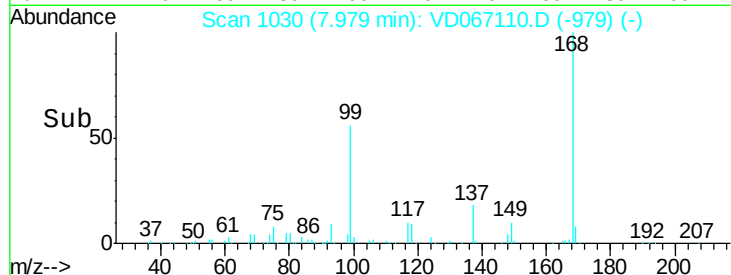
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.193 ug/l

RT: 3.70 min Scan# 302

Delta R.T. -0.01 min

Lab File: VD067110.D

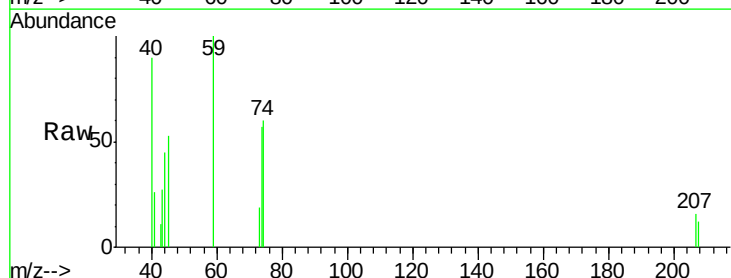
Acq: 06 Oct 2020 16:17

Tgt Ion: 74 Resp: 3863

Ion Ratio Lower Upper

74 100

45 75.3 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.70

2000

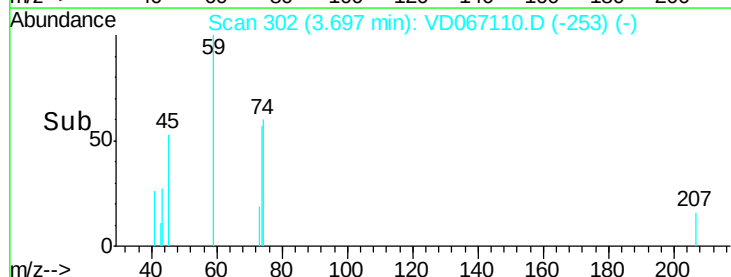
1500

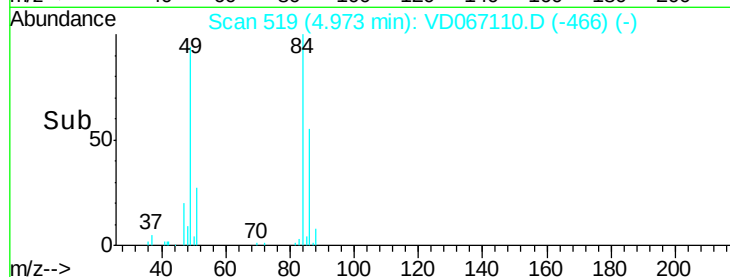
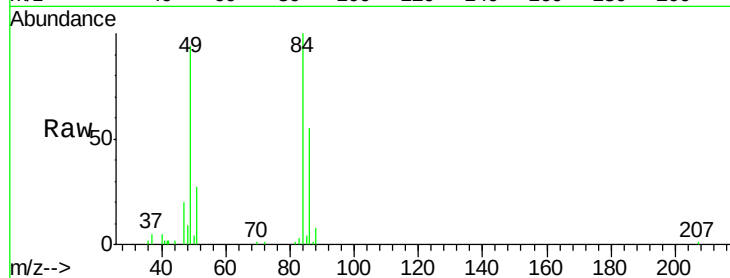
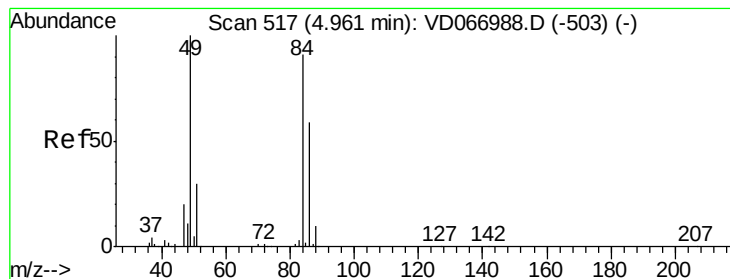
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 16.915 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD067110.D

Acq: 06 Oct 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

SC-4-(6.5)

Tot Ion: 84 Resp: 90777

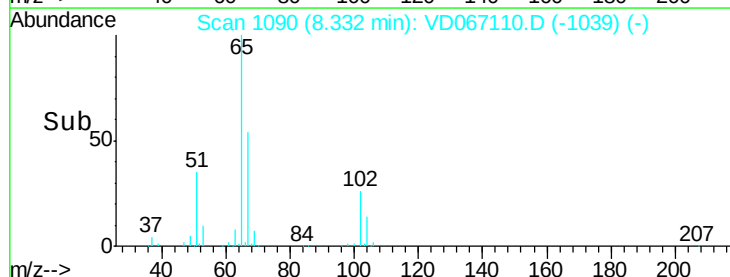
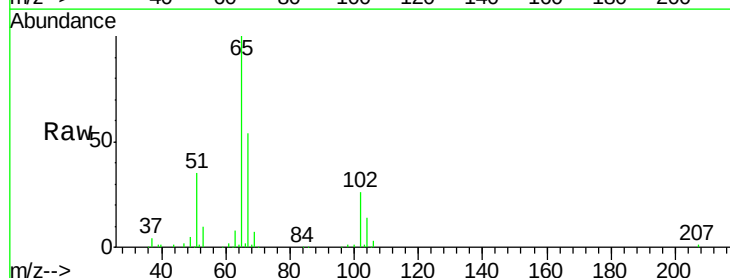
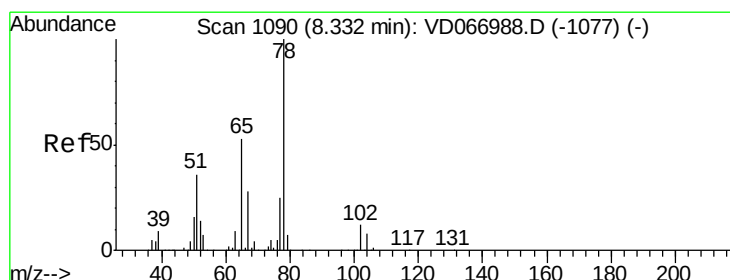
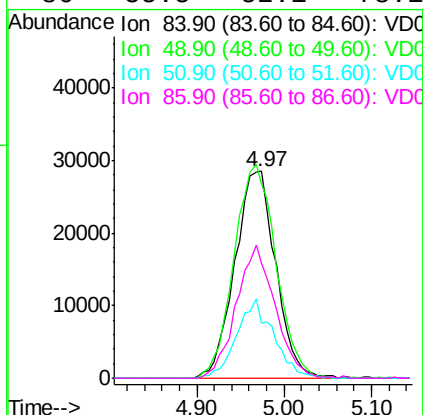
Ion Ratio Lower Upper

84 100

49 94.0 88.2 132.2

51 26.9 26.6 39.8

86 55.5 52.1 78.1



#33

1,2-Dichloroethane-d4

Concen: 51.834 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067110.D

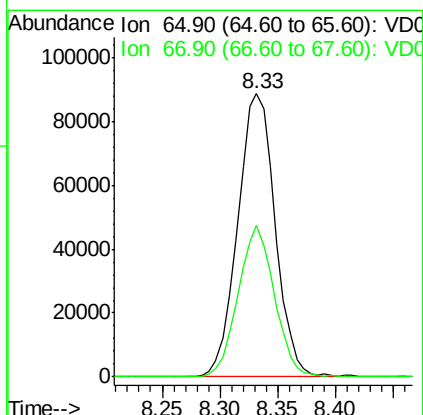
Acq: 06 Oct 2020 16:17

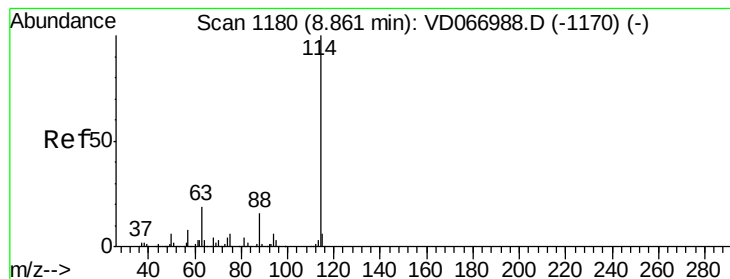
Tgt Ion: 65 Resp: 199909

Ion Ratio Lower Upper

65 100

67 51.7 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: VD067110.D

Acq: 06 Oct 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

SC-4-(6.5)

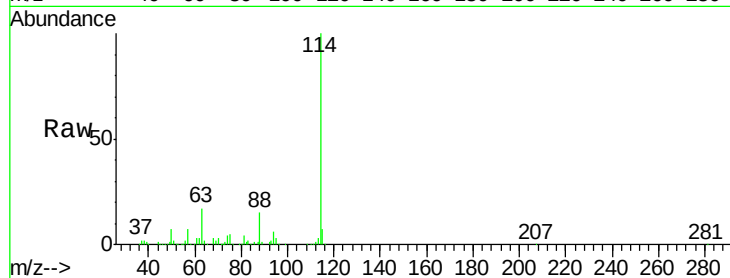
Tot Ion:114 Resp: 686409

Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.4

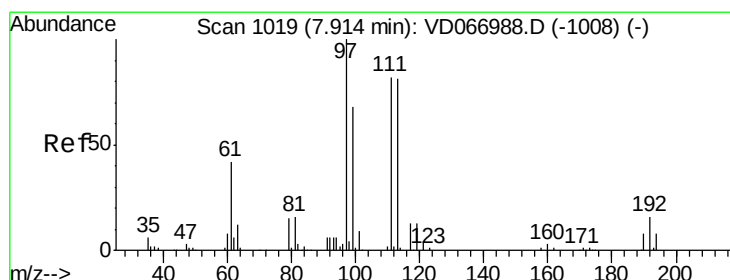
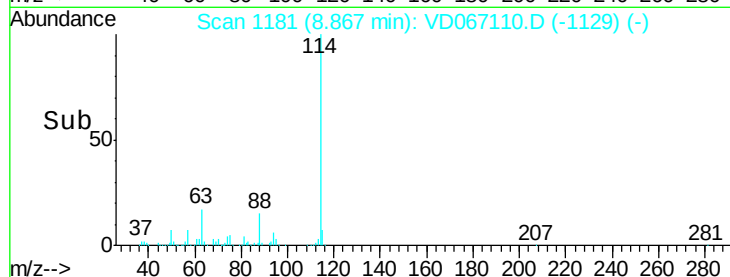
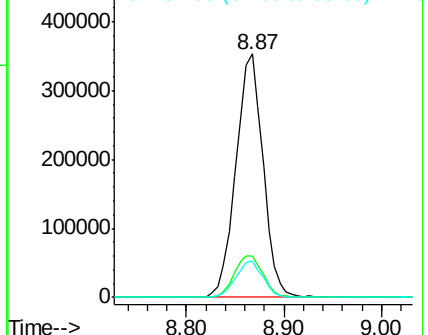
88 15.0 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.521 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067110.D

Acq: 06 Oct 2020 16:17

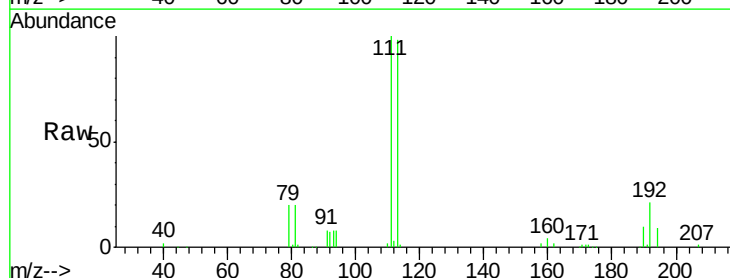
Tgt Ion:113 Resp: 222539

Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.4

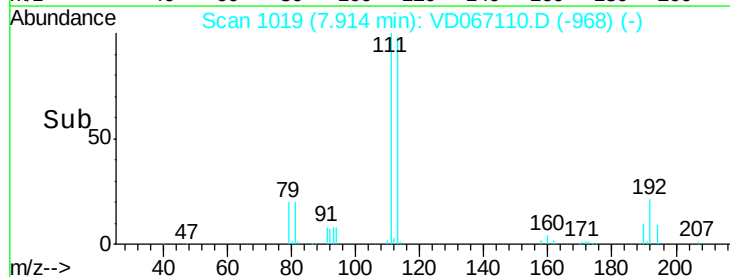
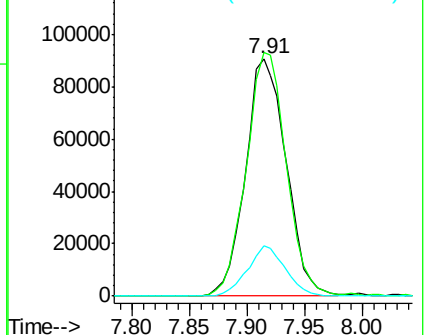
192 19.8 15.5 23.3

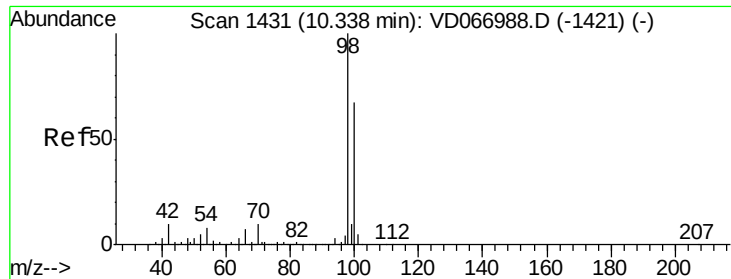


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.704 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067110.D

Acq: 06 Oct 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

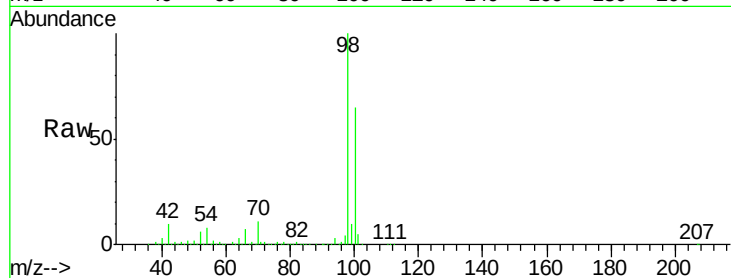
SC-4-(6.5)

Tot Ion: 98 Resp: 797521

Ion Ratio Lower Upper

98 100

100 65.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD066988.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD066988.D (-1421) (-)

10.34

400000

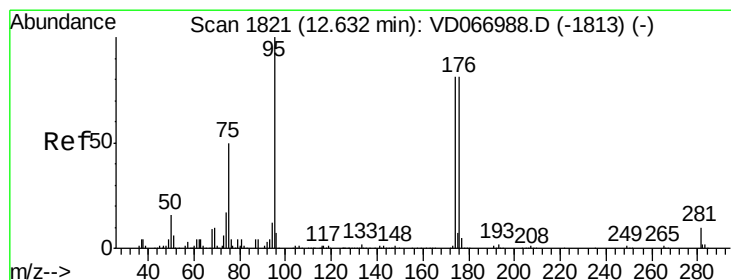
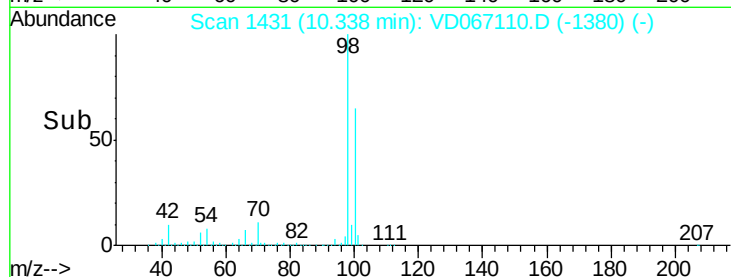
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.110 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067110.D

Acq: 06 Oct 2020 16:17

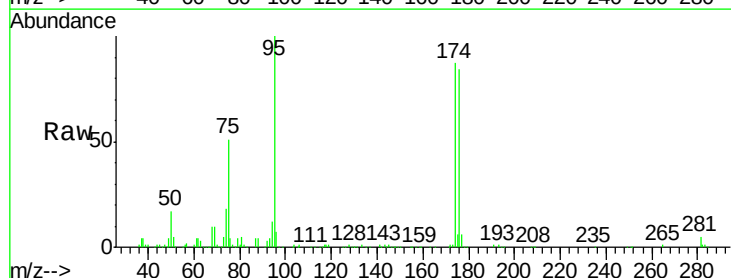
Tgt Ion: 95 Resp: 261880

Ion Ratio Lower Upper

95 100

174 85.1 0.0 167.6

176 83.1 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VD066988.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066988.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066988.D (-1813) (-)

12.64

200000

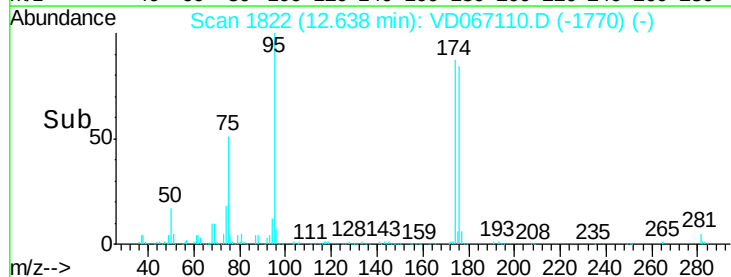
150000

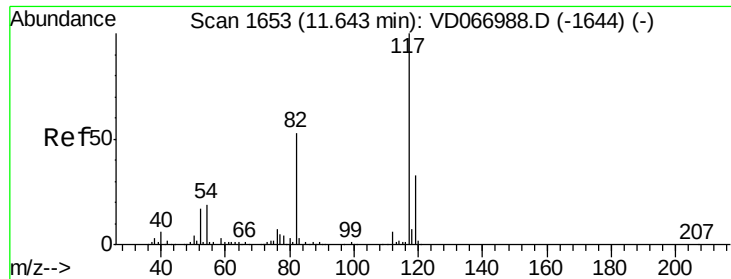
100000

50000

0

Time-->

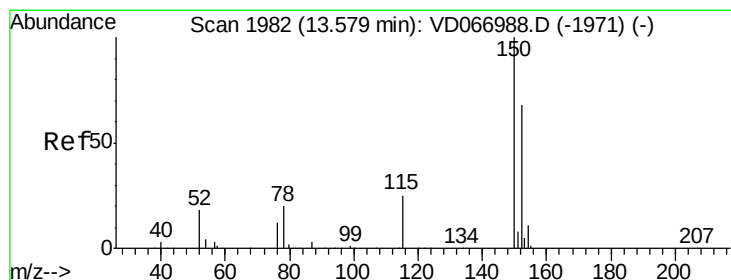
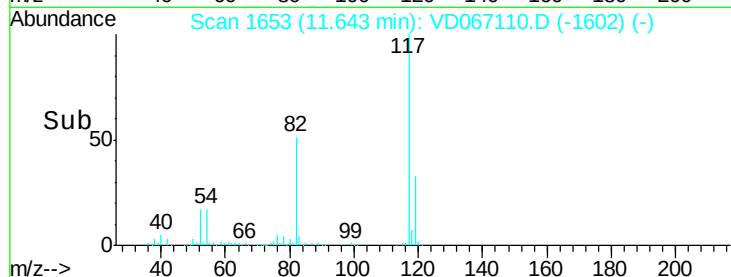
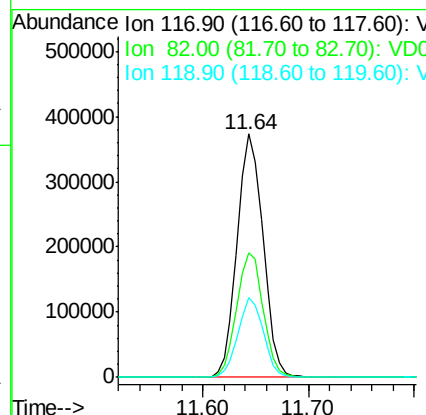
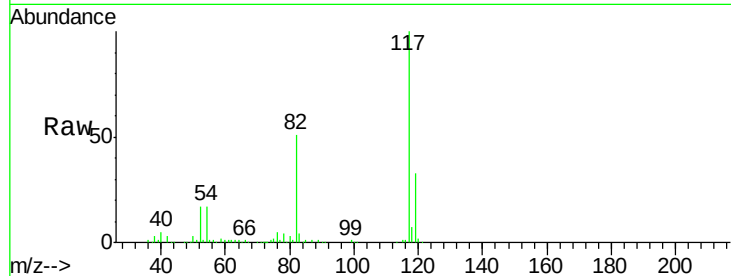




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067110.D
Acq: 06 Oct 2020 16:17

Instrument :
MSVOA_D
ClientSampleId :
SC-4-(6.5)

Tot Ion:117 Resp: 634086
Ion Ratio Lower Upper
117 100
82 51.4 42.6 63.8
119 33.0 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: VD067110.D
Acq: 06 Oct 2020 16:17

Tgt Ion:152 Resp: 295284
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.8
150 156.2 0.0 344.8

