

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD066007.D
 Acq On : 22 Jul 2020 17:43
 Operator : VA/SY
 Sample : L3187-09
 Misc : 6.39G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-072120

Quant Time: Jul 23 01:34:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

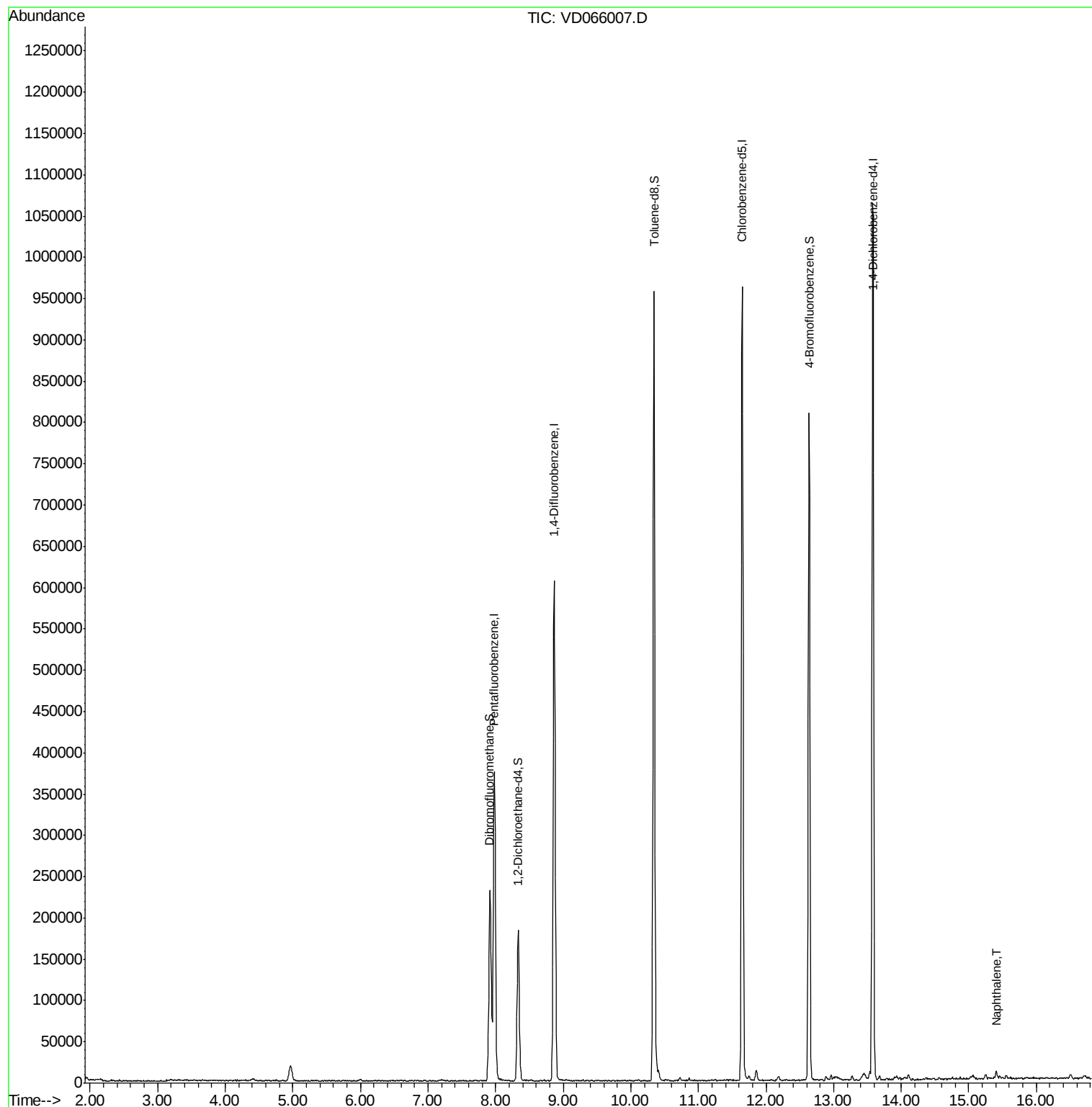
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	307220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	546383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	580111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	146719	58.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.38%	
35) Dibromofluoromethane	7.91	113	170130	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	10.34	98	654211	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.64	95	260902	60.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.90%	
Target Compounds						
95) Naphthalene	15.40	128	8429	4.373	ug/l	Qvalue 98

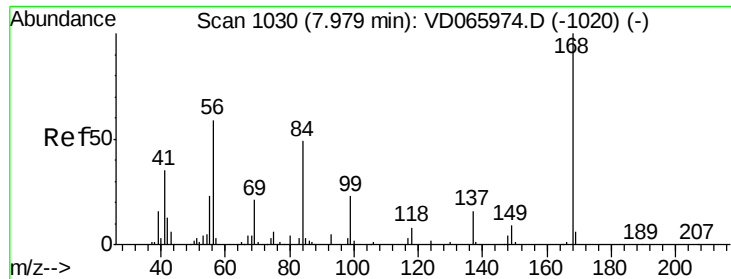
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 21 12:34:13 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: VD066007.D

Acq: 22 Jul 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

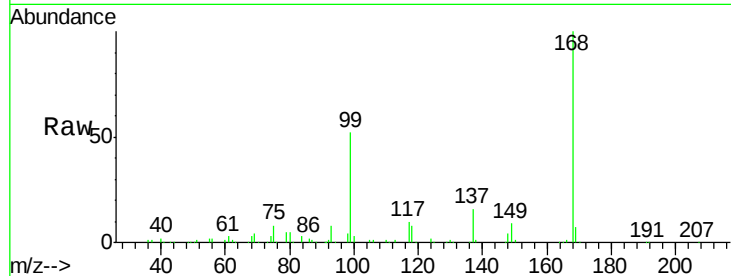
SU-04-072120

Tot Ion:168 Resp: 307220

Ion Ratio Lower Upper

168 100

99 51.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

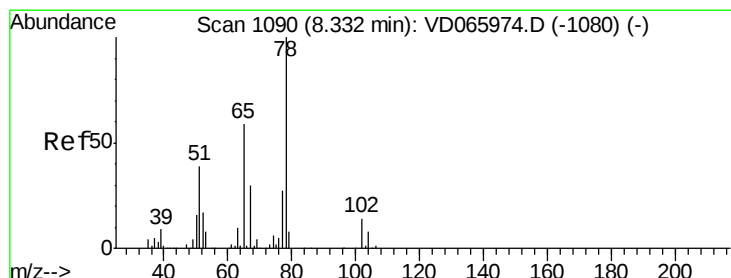
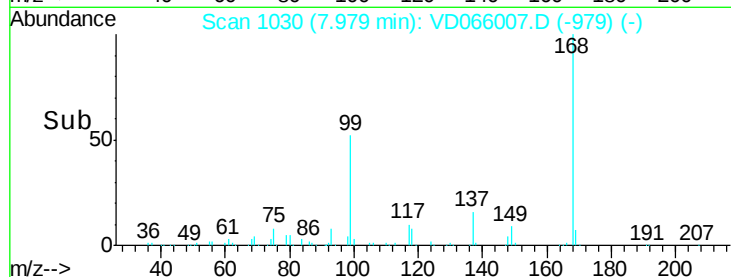
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.692 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066007.D

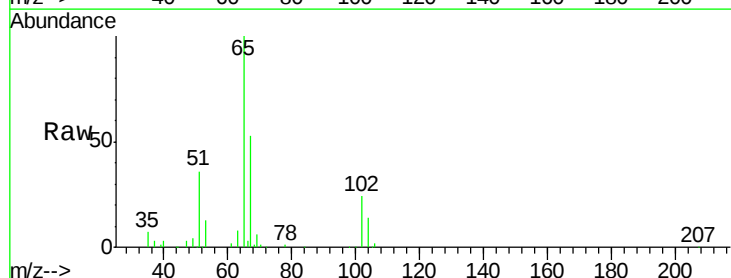
Acq: 22 Jul 2020 17:43

Tgt Ion: 65 Resp: 146719

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

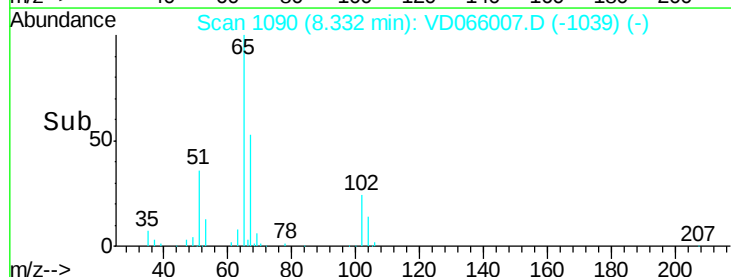
60000

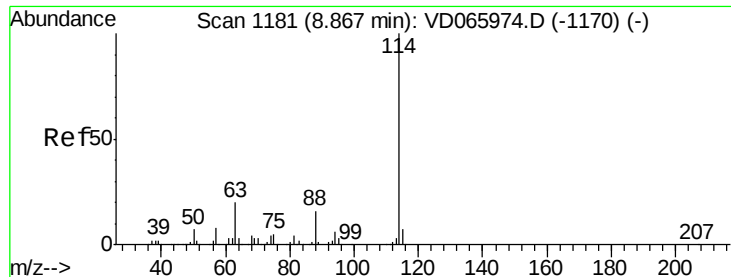
40000

20000

0

Time-->

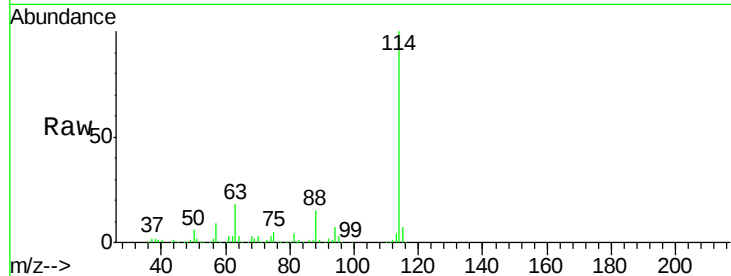




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD066007.D
 Acq: 22 Jul 2020 17:43

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-072120

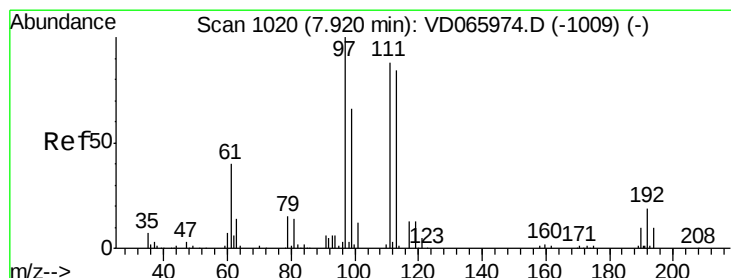
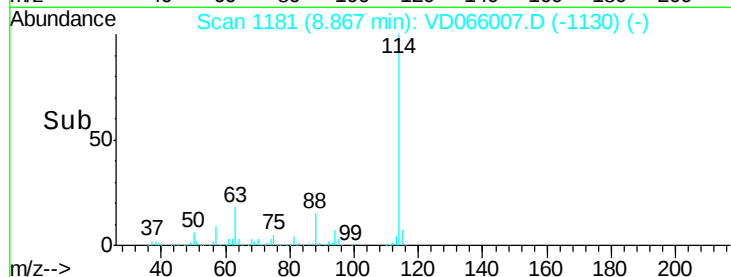
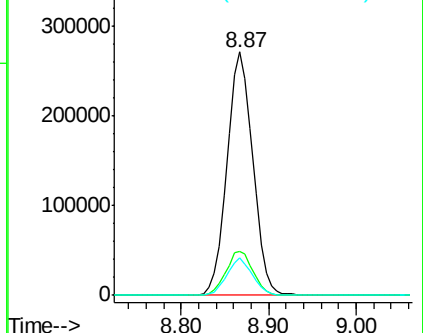
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.6
88	15.3	0.0	31.2



Abundance Ion 113.90 (113.60 to 114.60): V

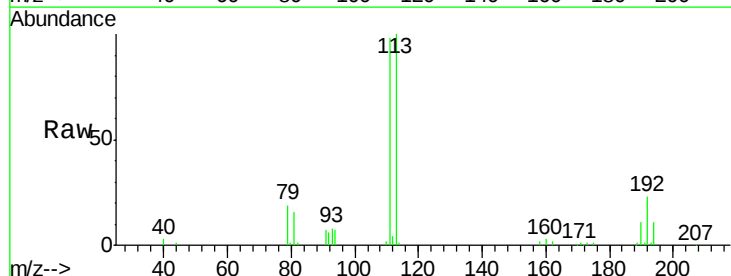
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 51.337 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066007.D
 Acq: 22 Jul 2020 17:43

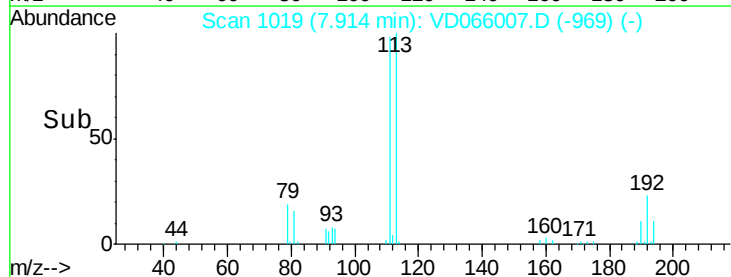
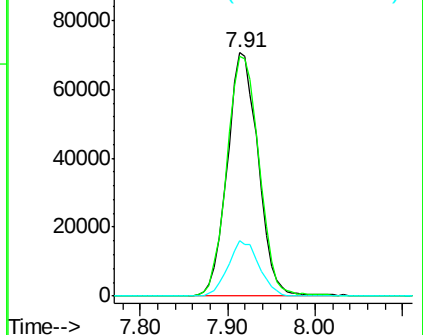
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.2	124.8
192	22.8	18.7	28.1

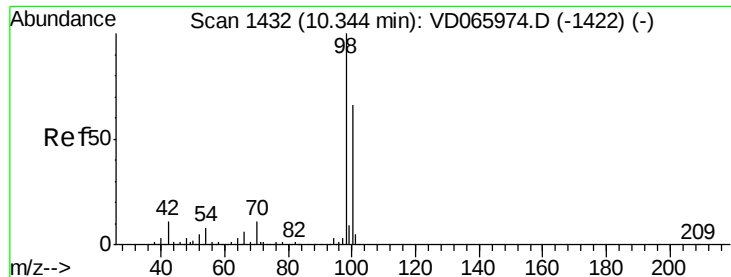


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.992 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD066007.D

Acq: 22 Jul 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

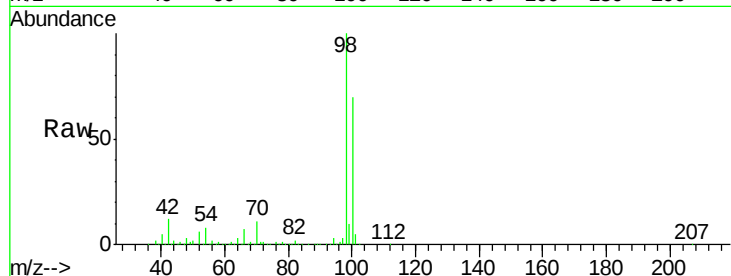
SU-04-072120

Tot Ion: 98 Resp: 654211

Ion Ratio Lower Upper

98 100

100 67.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VD065974.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD065974.D (-1422) (-)

10.34

400000

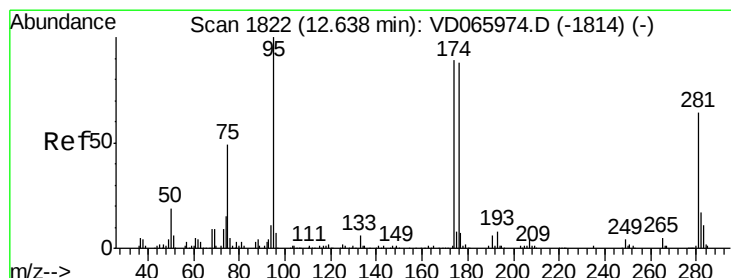
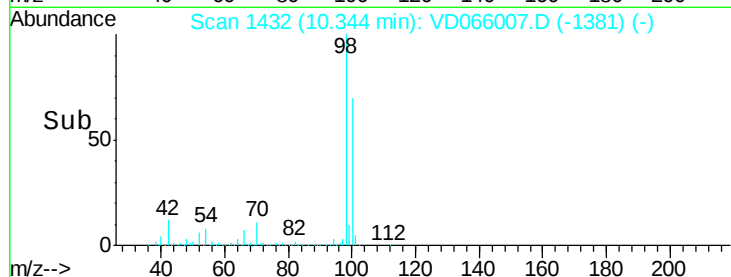
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 60.949 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066007.D

Acq: 22 Jul 2020 17:43

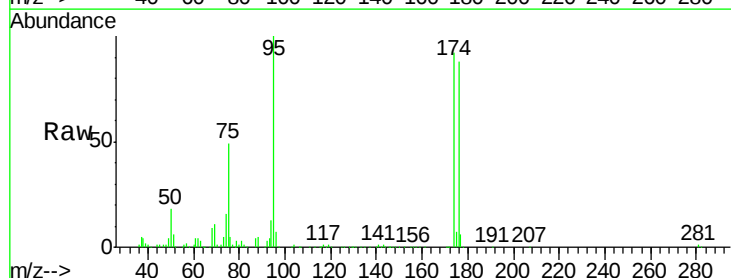
Tgt Ion: 95 Resp: 260902

Ion Ratio Lower Upper

95 100

174 92.3 0.0 178.8

176 89.6 0.0 172.6



Abundance Ion 94.90 (94.60 to 95.60): VD065974.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065974.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065974.D (-1814) (-)

12.64

200000

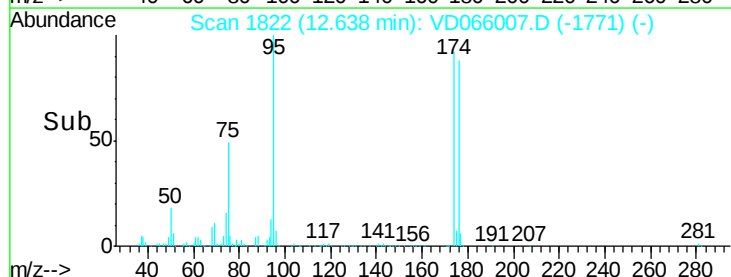
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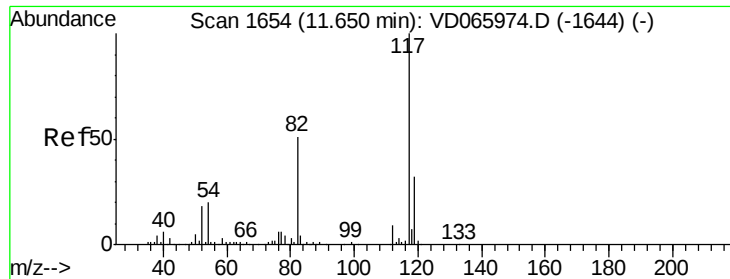
100000

50000

0

Time-->

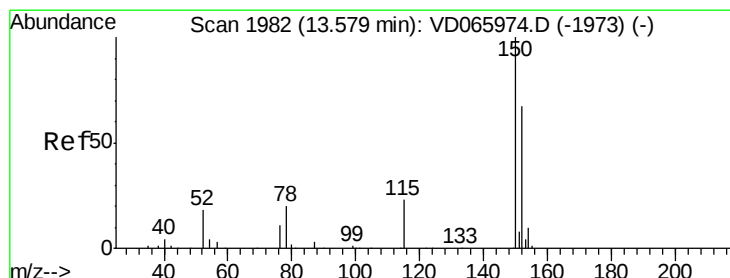
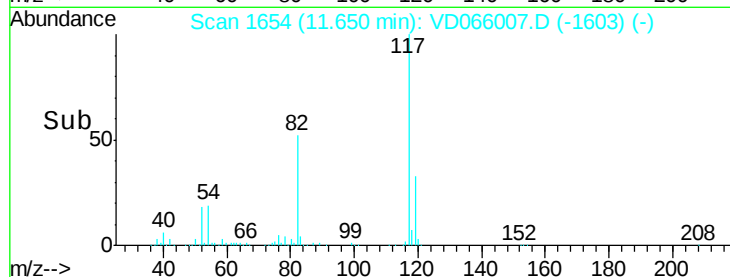
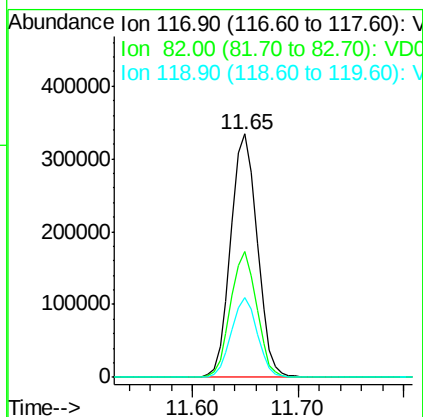
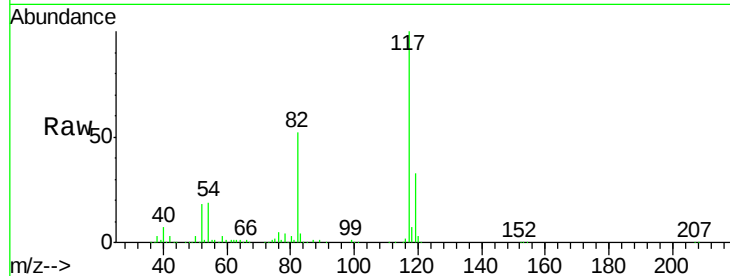




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066007.D
Acq: 22 Jul 2020 17:43

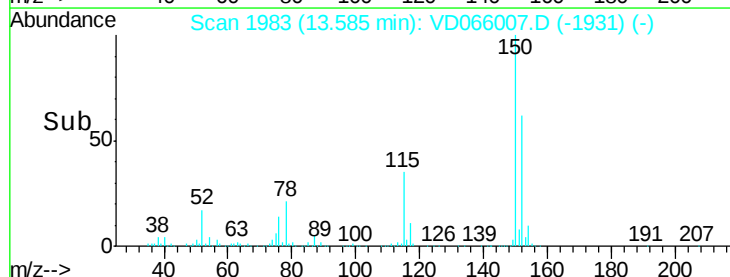
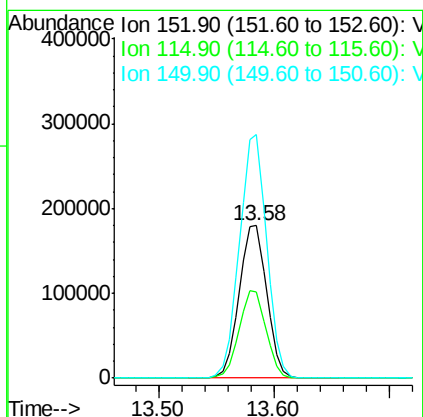
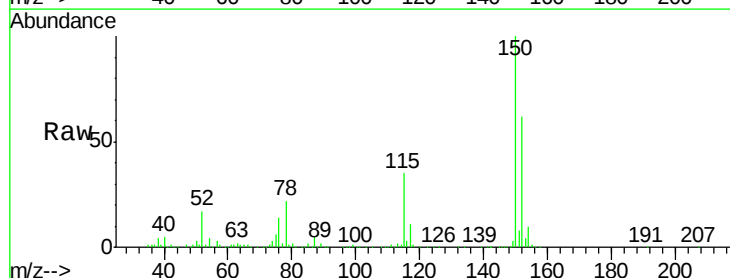
Instrument :
MSVOA_D
ClientSampleId :
SU-04-072120

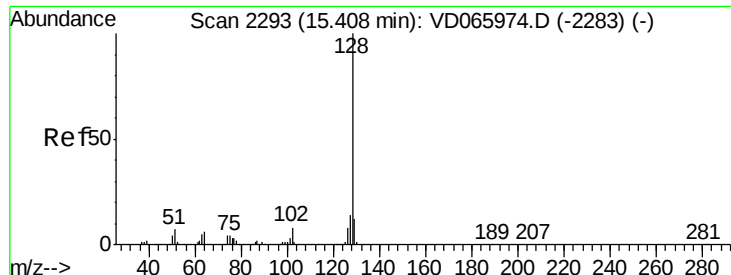
Tot Ion:117 Resp: 580111
Ion Ratio Lower Upper
117 100
82 51.8 41.1 61.7
119 32.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066007.D
Acq: 22 Jul 2020 17:43

Tgt Ion:152 Resp: 298641
Ion Ratio Lower Upper
152 100
115 56.0 27.9 83.7
150 157.4 0.0 348.2





#95

Naphthalene

Concen: 4.373 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066007.D

Acq: 22 Jul 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

SU-04-072120

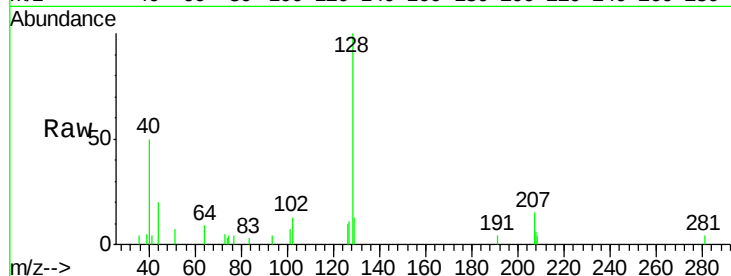
Tot Ion:128 Resp: 8429

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 10.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

