

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066900.D
 Acq On : 26 Sep 2020 04:56
 Operator : VA/SY
 Sample : L4154-10
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-5(13-15)

Quant Time: Sep 26 07:42:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

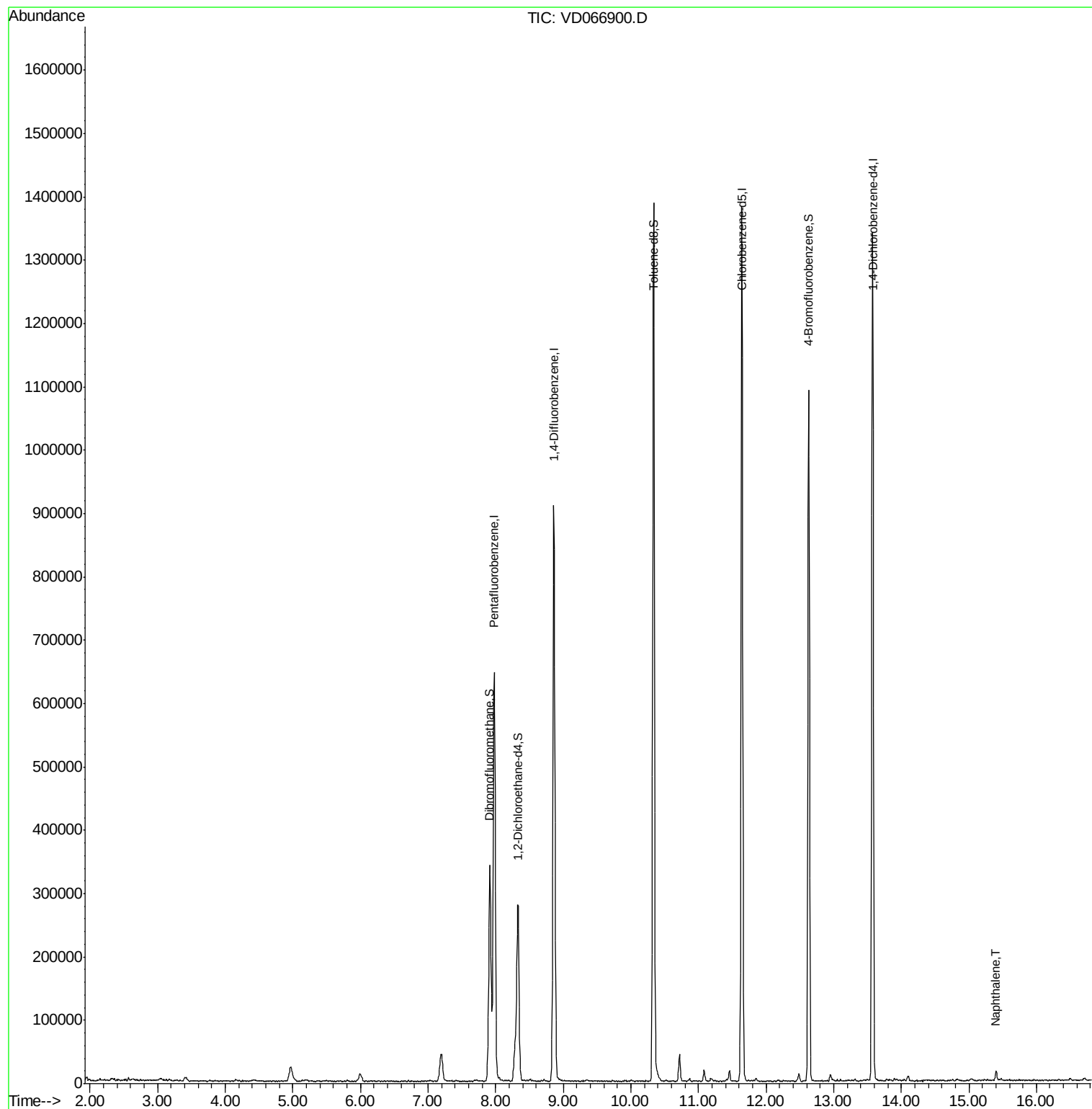
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	463155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	783662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	780593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	219749	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
35) Dibromofluoromethane	7.91	113	246622	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	10.34	98	946691	55.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.46%	
62) 4-Bromofluorobenzene	12.63	95	337916	58.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.22%	
Target Compounds						
95) Naphthalene	15.40	128	11681	1.082	ug/l #	Qvalue 92

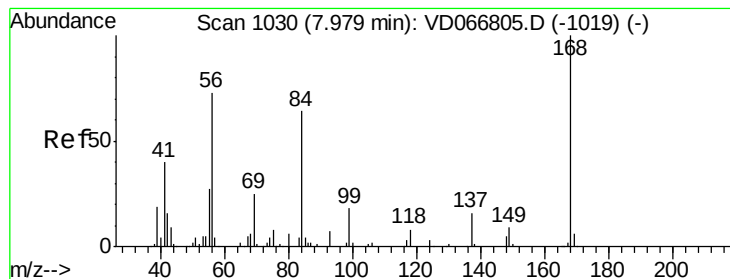
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066900.D

Acq: 26 Sep 2020 04:56

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MSVOA_D

ClientSampleId :

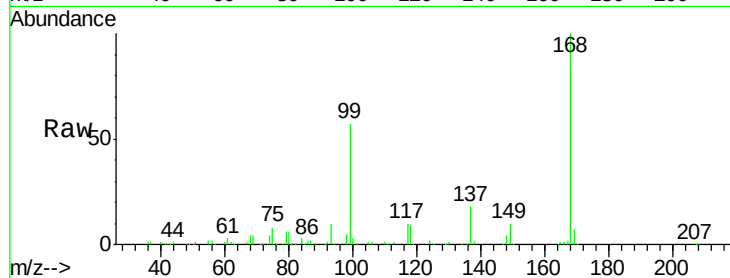
B-5(13-15)

Tot Ion:168 Resp: 463155

Ion Ratio Lower Upper

168 100

99 57.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

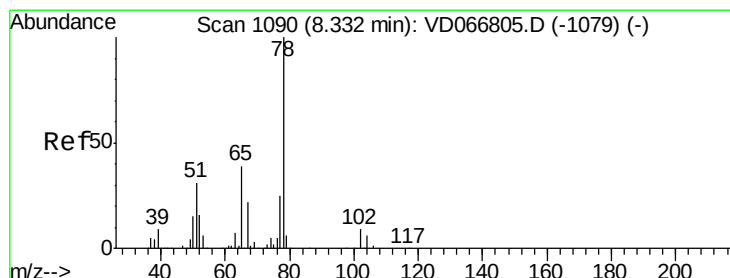
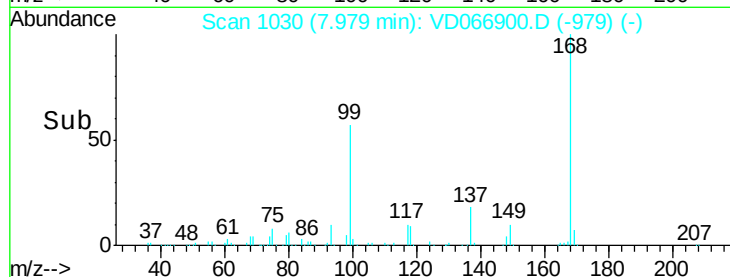
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.476 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066900.D

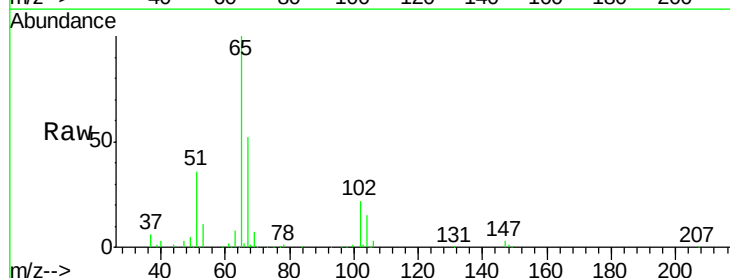
Acq: 26 Sep 2020 04:56

Tgt Ion: 65 Resp: 219749

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

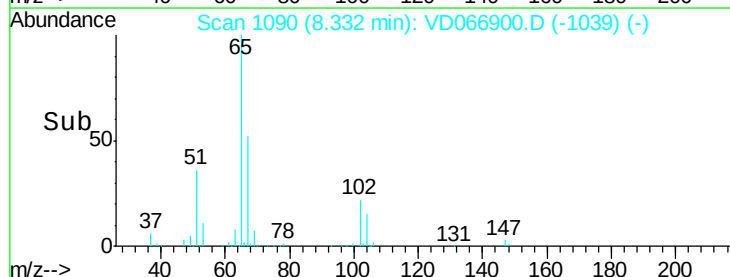
60000

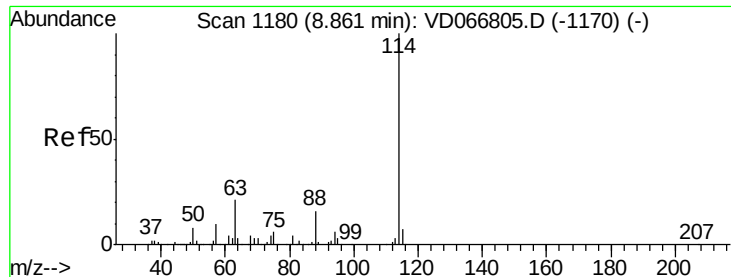
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066900.D

Acq: 26 Sep 2020 04:56

Instrument :

MSVOA_D

ClientSampleId :

B-5(13-15)

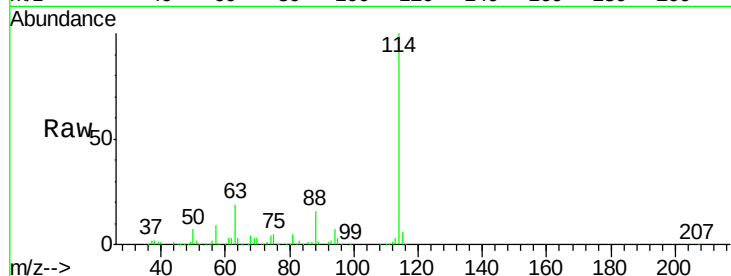
Tot Ion:114 Resp: 783662

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

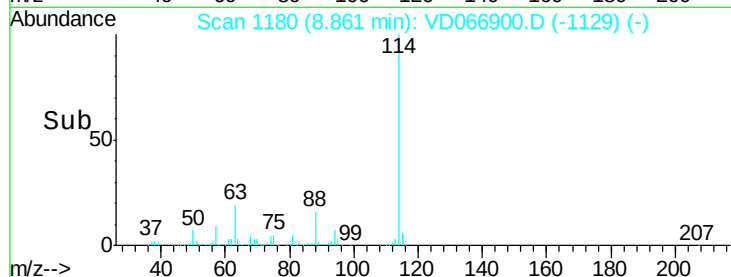
88 16.0 0.0 32.6



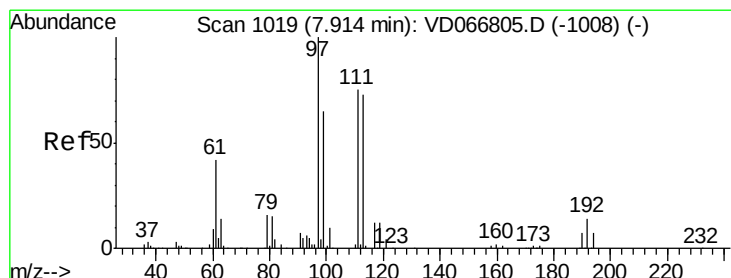
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



Time-->



#35

Dibromofluoromethane

Concen: 49.466 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066900.D

Acq: 26 Sep 2020 04:56

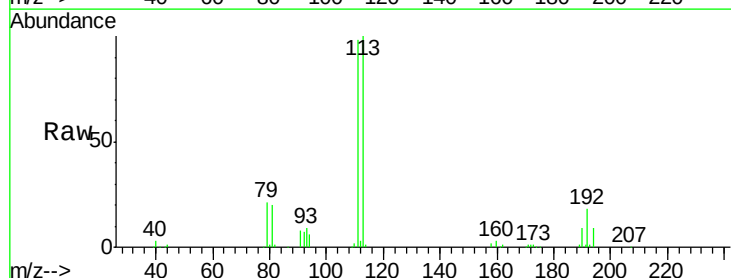
Tgt Ion:113 Resp: 246622

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

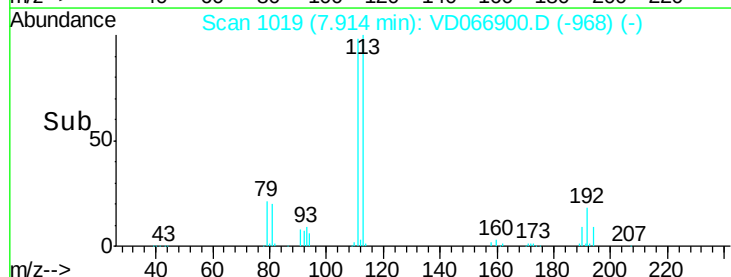
192 18.6 14.4 21.6



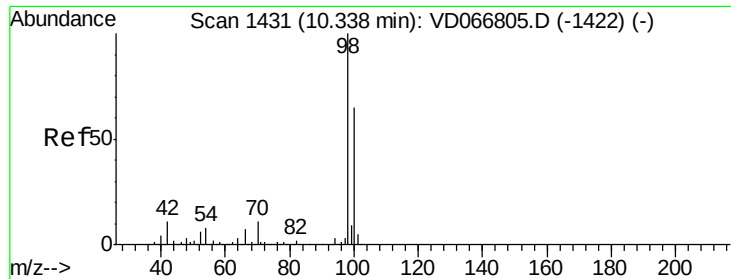
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



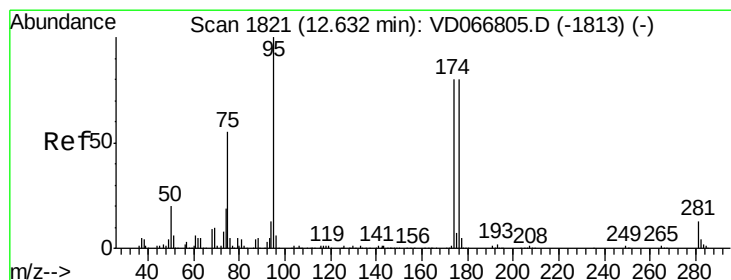
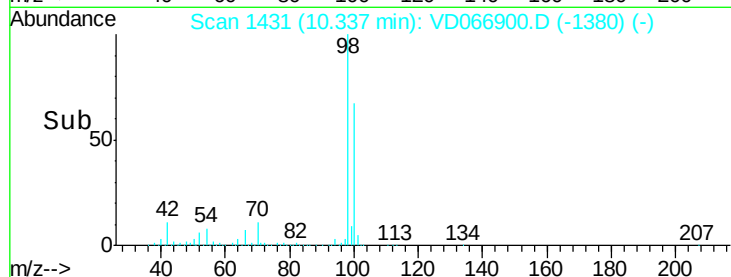
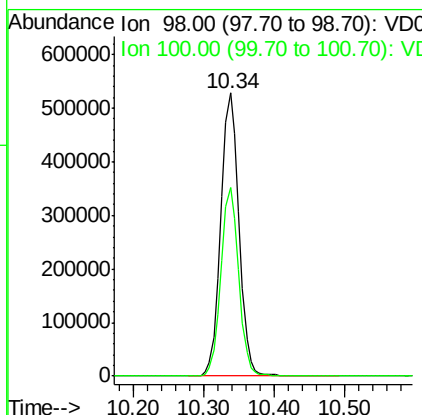
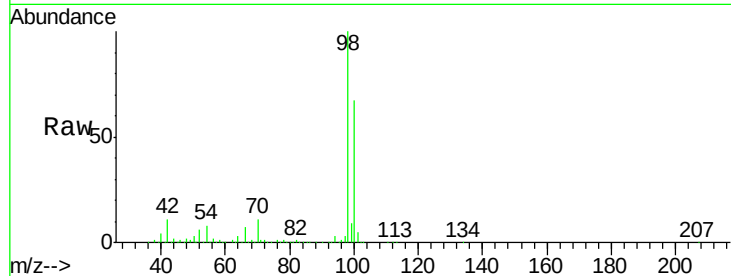
Time-->



#50
Toluene-d8
Concen: 55.730 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066900.D
Acq: 26 Sep 2020 04:56

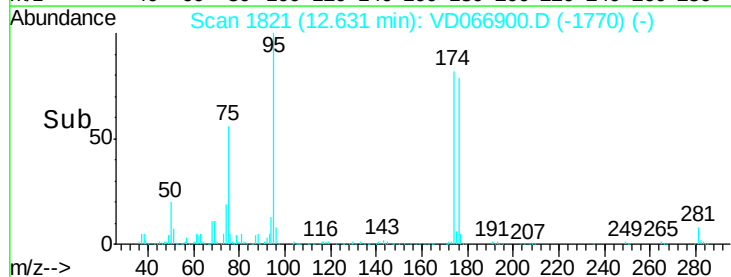
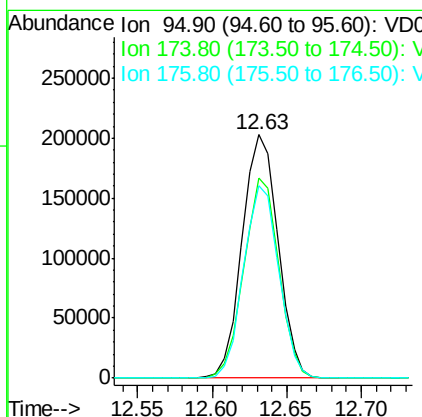
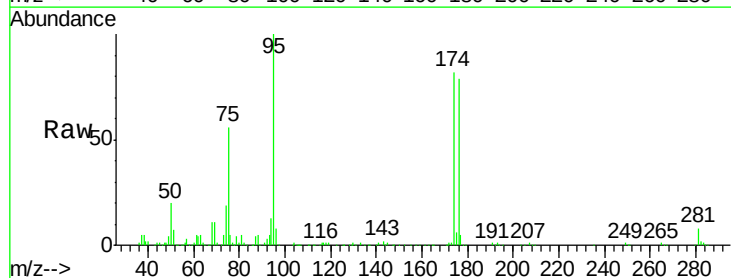
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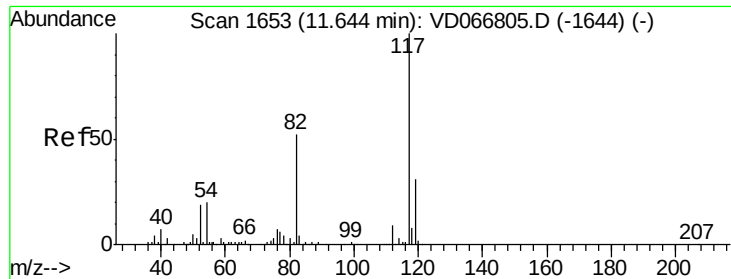
Tot Ion: 98 Resp: 946691
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 58.109 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066900.D
Acq: 26 Sep 2020 04:56

Tgt Ion: 95 Resp: 337916
Ion Ratio Lower Upper
95 100
174 79.9 0.0 159.8
176 77.6 0.0 154.4

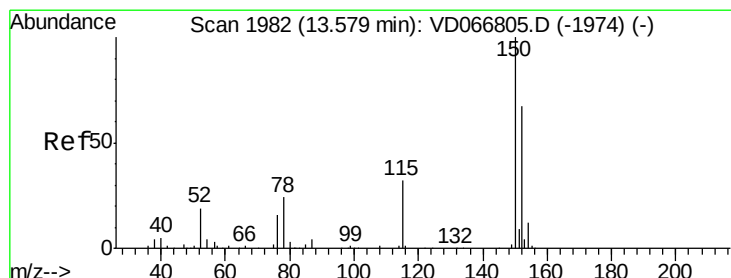
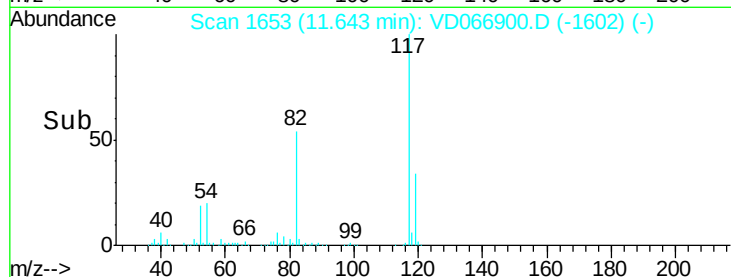
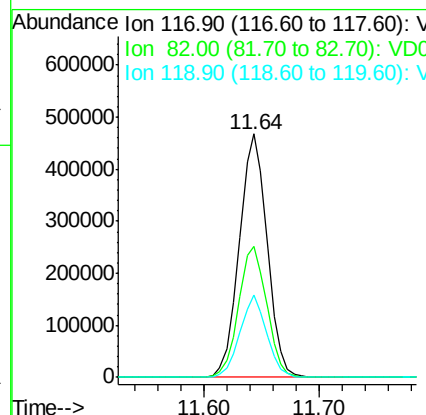
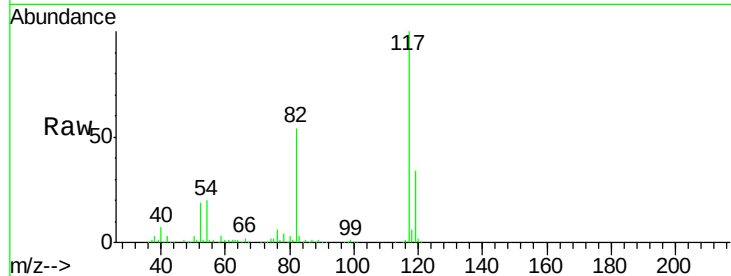




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066900.D
Acq: 26 Sep 2020 04:56

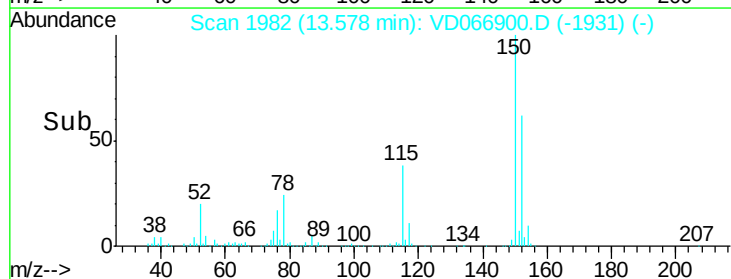
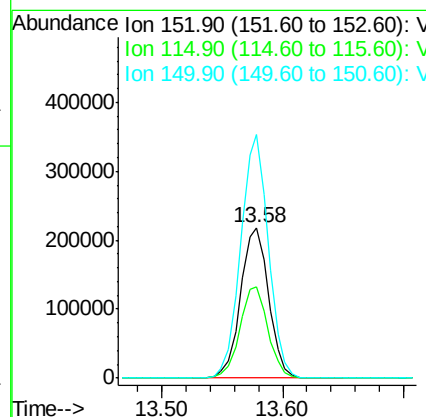
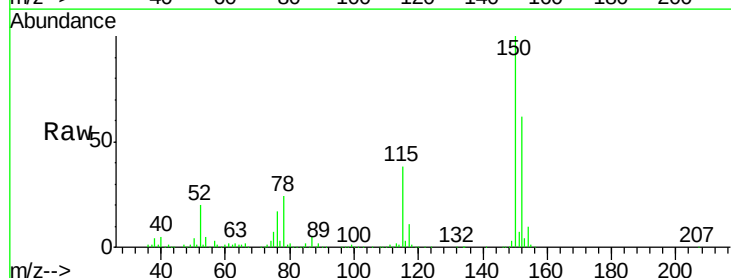
Instrument :
MSVOA_D
ClientSampleId :
B-5(13-15)

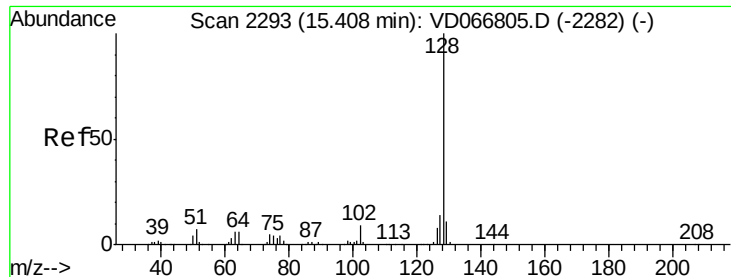
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	41.8	62.6
119	34.0	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066900.D
Acq: 26 Sep 2020 04:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.3	91.0
150	159.0	0.0	346.2





#95

Naphthalene

Concen: 1.082 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066900.D

Acq: 26 Sep 2020 04:56

Instrument :

MSVOA_D

ClientSampleId :

B-5(13-15)

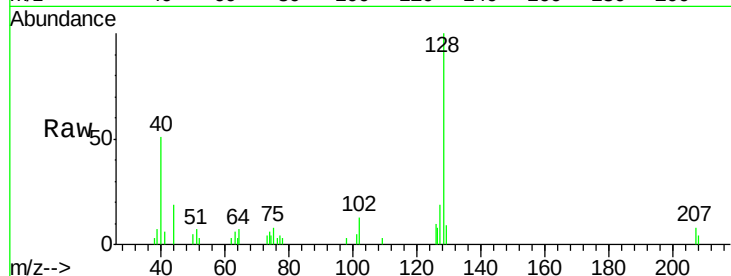
Tot Ion:128 Resp: 11681

Ion Ratio Lower Upper

128 100

127 18.2 10.6 16.0#

129 9.8 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

