

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066861.D
 Acq On : 24 Sep 2020 19:50
 Operator : VA/SY
 Sample : L4127-06
 Misc : 5.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(9-11)

Quant Time: Sep 25 02:30:47 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

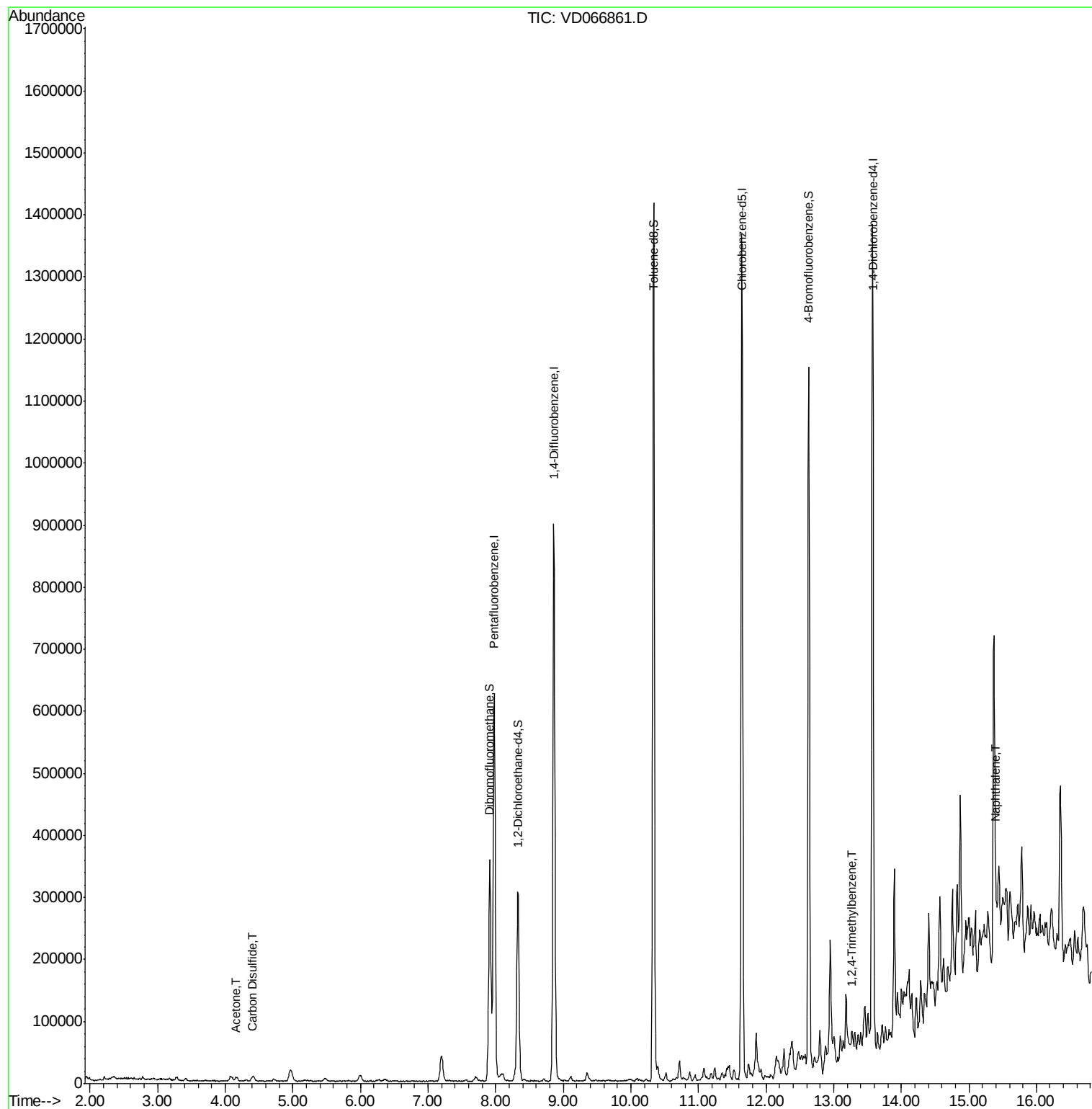
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	439785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	776826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	787586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	358769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	242399	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
35) Dibromofluoromethane	7.91	113	253606	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	10.34	98	933297	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
62) 4-Bromofluorobenzene	12.63	95	346426	60.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.20%	
Target Compounds						
16) Acetone	4.16	43	11608	12.712	ug/l #	88
17) Carbon Disulfide	4.41	76	18746	1.424	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	23002	1.055	ug/l	86
95) Naphthalene	15.40	128	77721	7.098	ug/l #	85

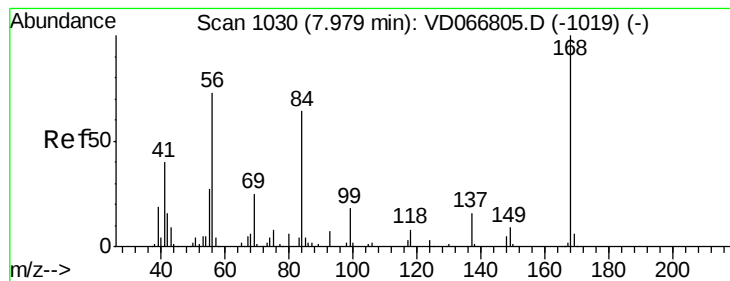
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD066861.D

Acq: 24 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

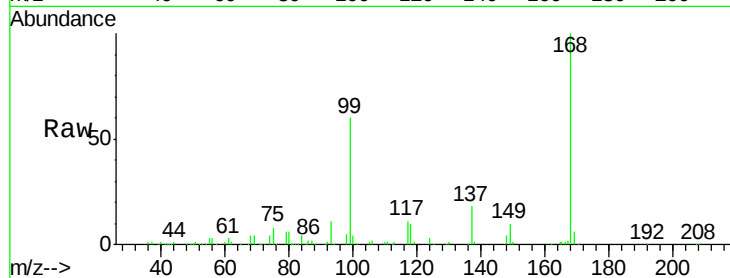
B-2(9-11)

Tot Ion:168 Resp: 439785

Ion Ratio Lower Upper

168 100

99 60.0 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

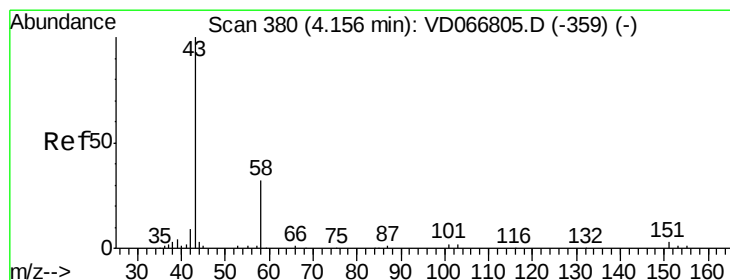
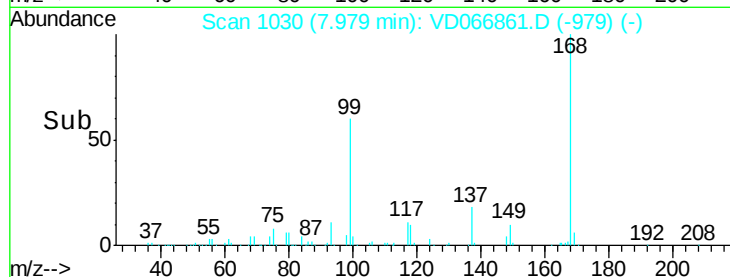
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.712 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066861.D

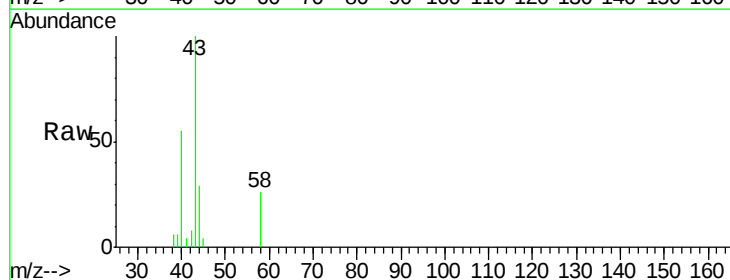
Acq: 24 Sep 2020 19:50

Tgt Ion: 43 Resp: 11608

Ion Ratio Lower Upper

43 100

58 25.6 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

5000

4000

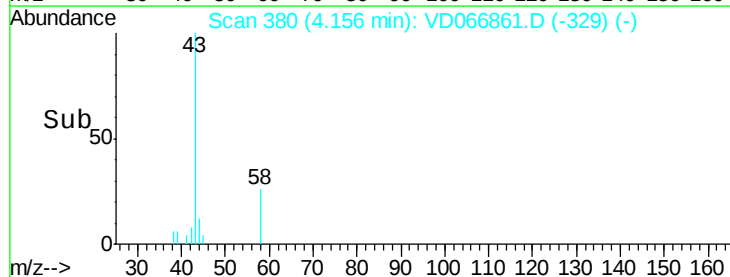
3000

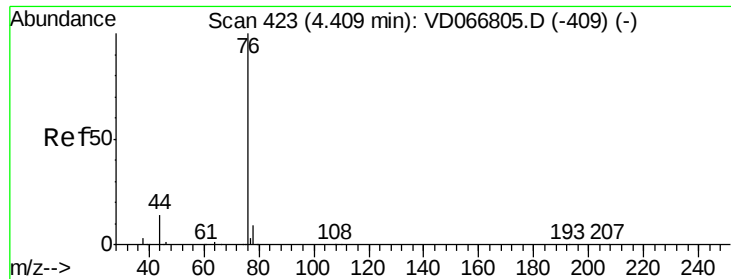
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1000

0

Time-->

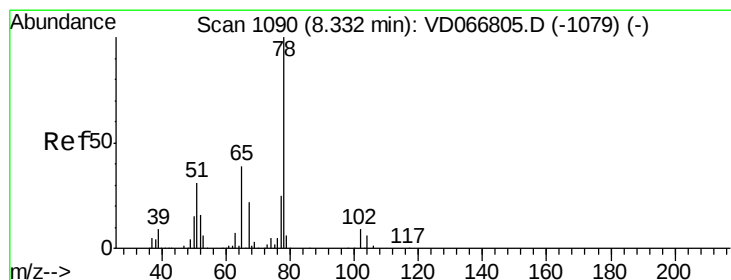
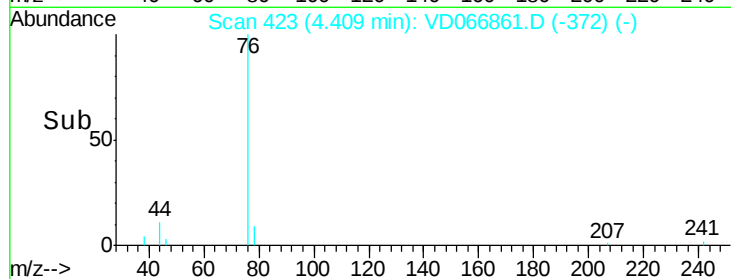
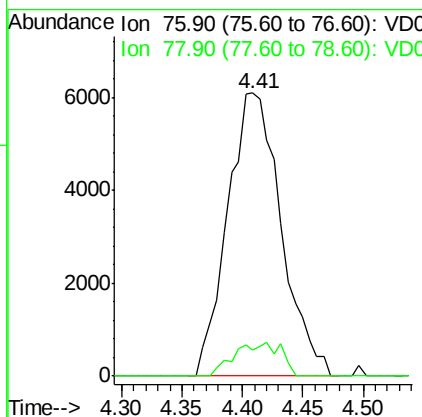
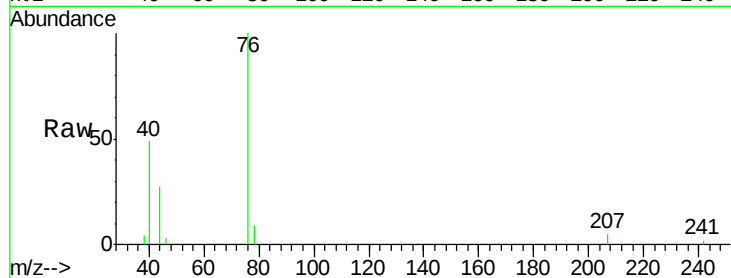




#17
Carbon Disulfide
Concen: 1.424 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

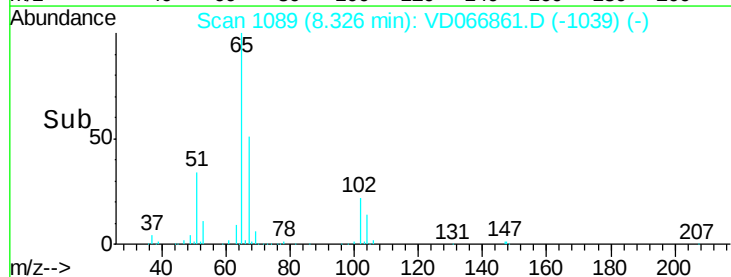
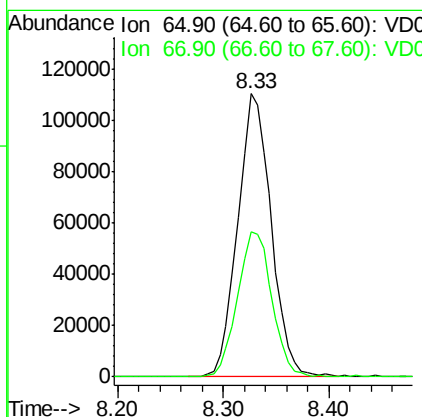
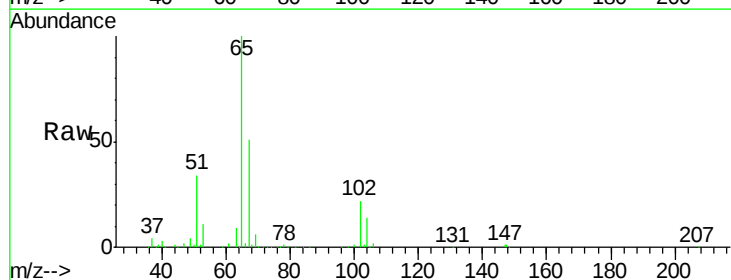
Instrument :
MSVOA_D
ClientSampleId :
B-2(9-11)

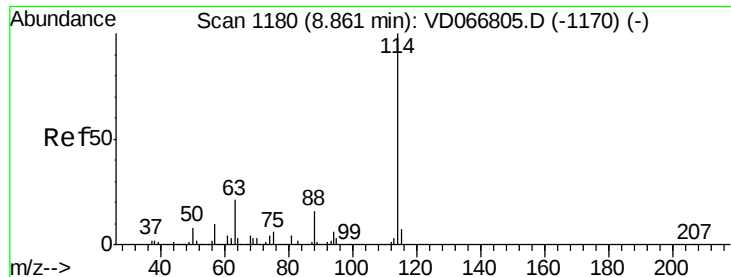
Tot Ion: 76 Resp: 18746
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#33
1,2-Dichloroethane-d4
Concen: 56.314 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion: 65 Resp: 242399
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2

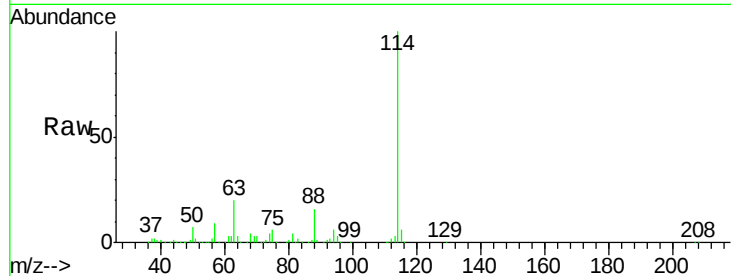




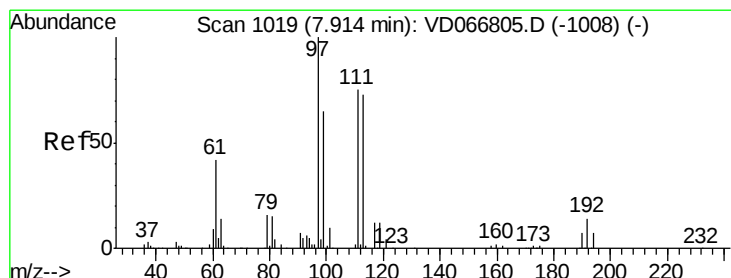
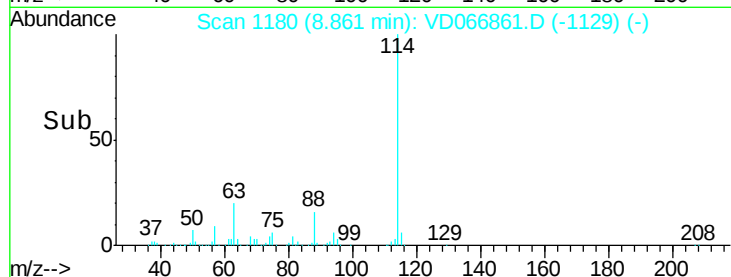
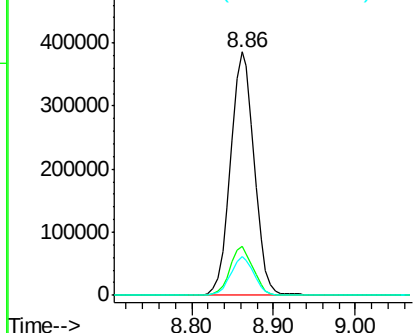
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066861.D
 Acq: 24 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(9-11)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.6
88	16.1	0.0	32.6

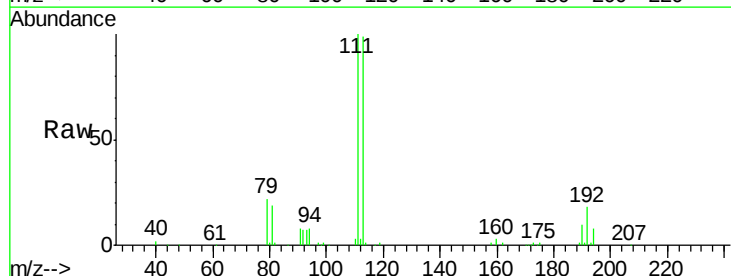


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

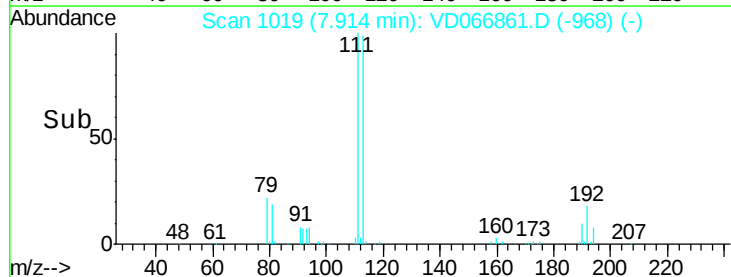
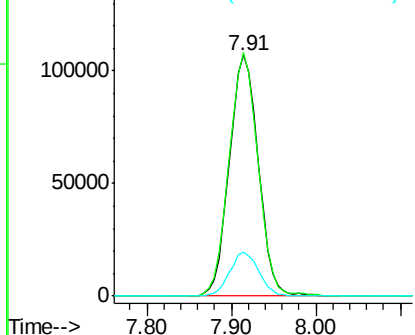


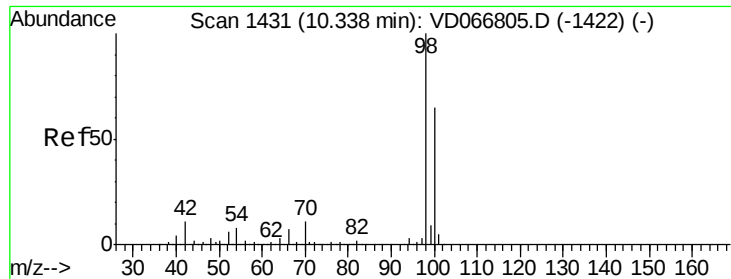
#35
 Dibromofluoromethane
 Concen: 51.315 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066861.D
 Acq: 24 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.8	122.8
192	18.2	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





#50

Toluene-d8

Concen: 55.425 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066861.D

Acq: 24 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

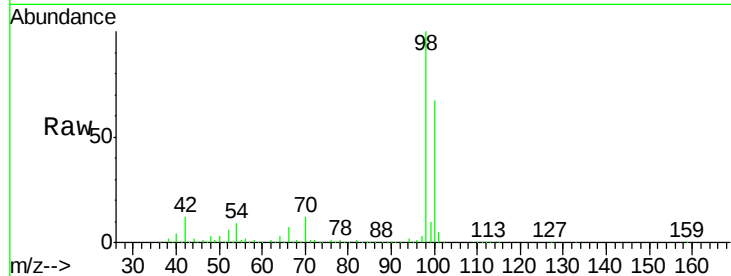
B-2(9-11)

Tot Ion: 98 Resp: 933297

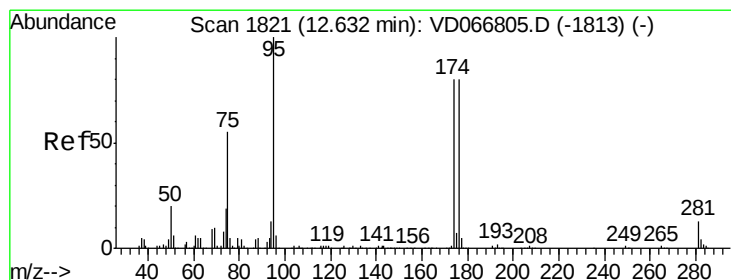
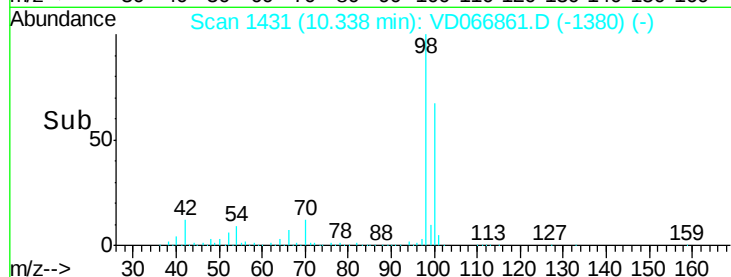
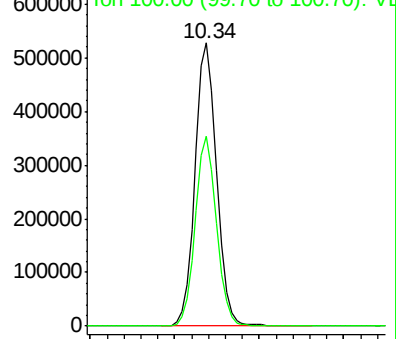
Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VD066805.D (-1422) (-)



#62

4-Bromofluorobenzene

Concen: 60.096 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066861.D

Acq: 24 Sep 2020 19:50

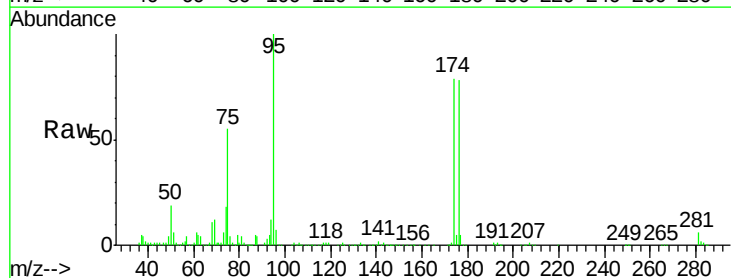
Tgt Ion: 95 Resp: 346426

Ion Ratio Lower Upper

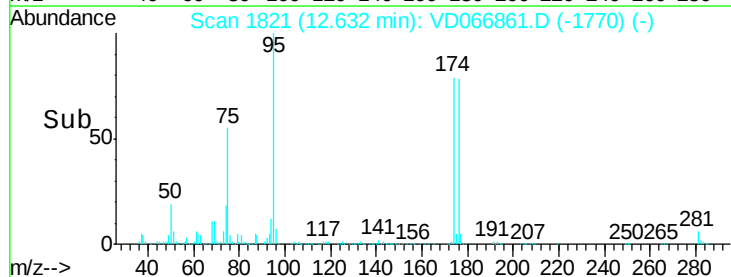
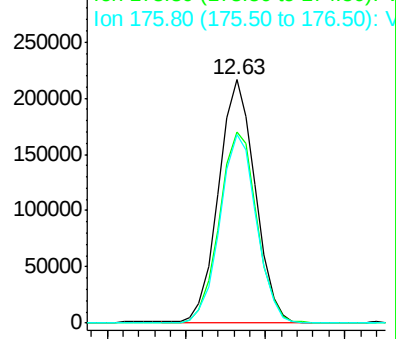
95 100

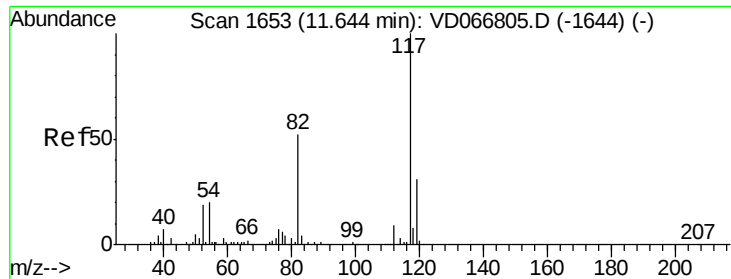
174 80.9 0.0 159.8

176 77.7 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): VD066805.D (-1813) (-)

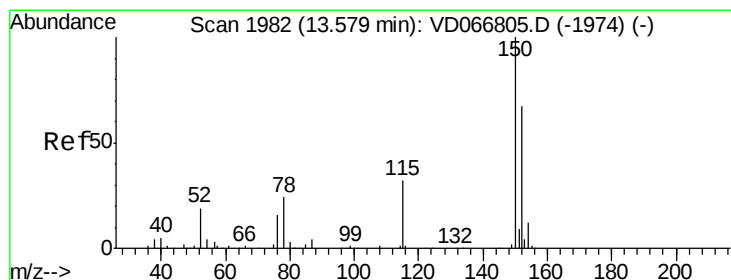
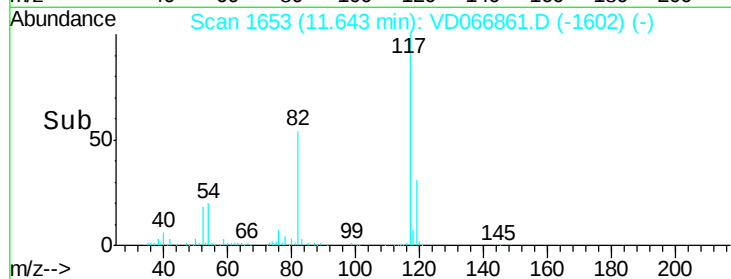
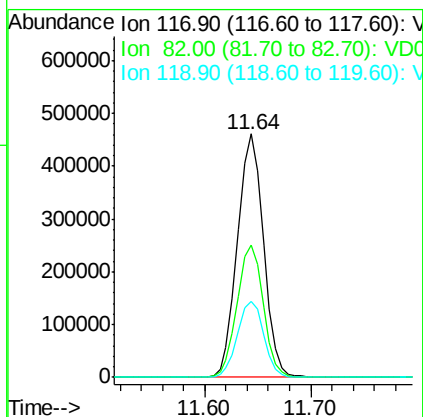
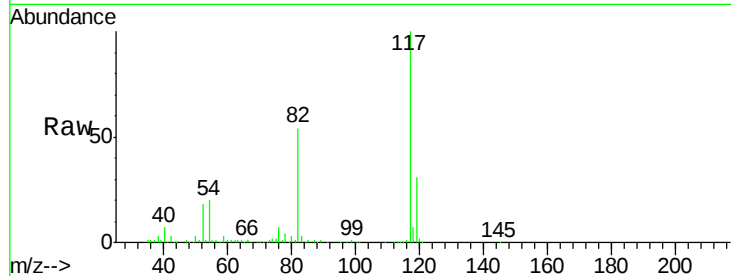




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

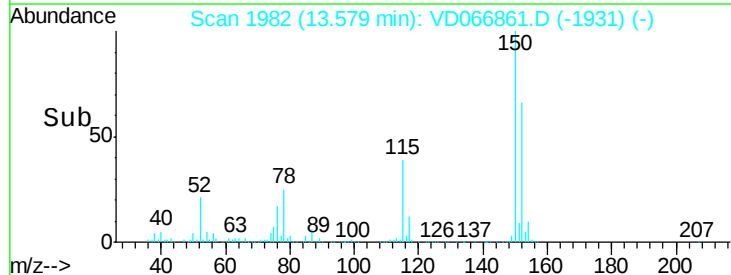
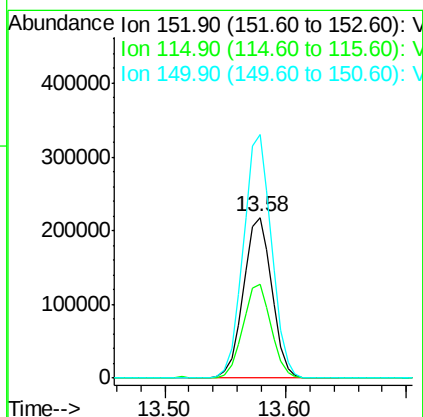
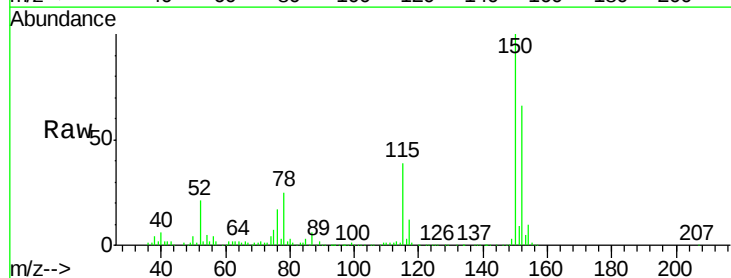
Instrument :
MSVOA_D
ClientSampleId :
B-2(9-11)

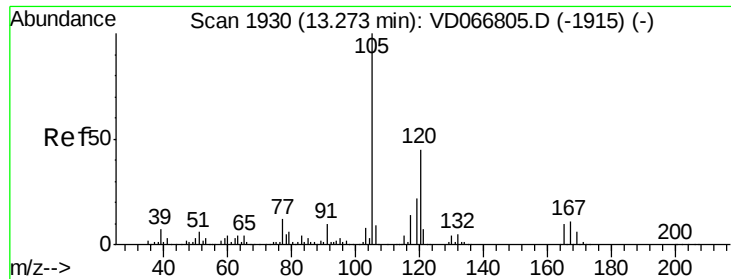
Tot Ion:117 Resp: 787586
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.6
119 31.2 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion:152 Resp: 358769
Ion Ratio Lower Upper
152 100
115 58.3 30.3 91.0
150 150.1 0.0 346.2





#84

1,2,4-Trimethylbenzene

Concen: 1.055 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066861.D

Acq: 24 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

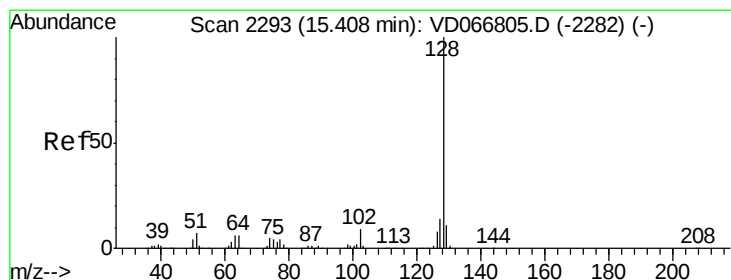
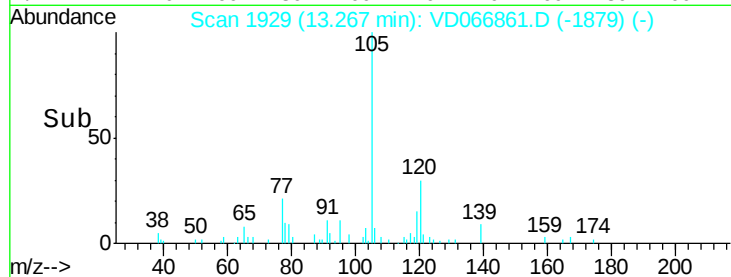
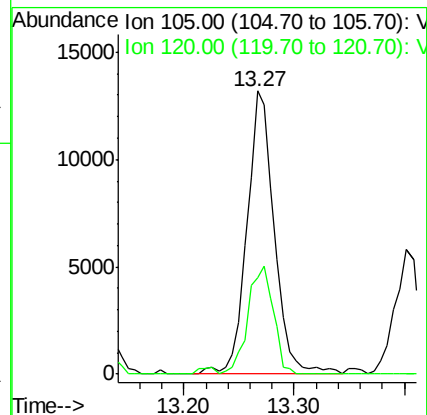
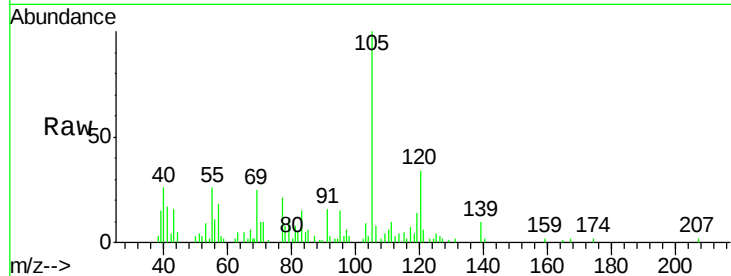
B-2(9-11)

Tot Ion:105 Resp: 23002

Ion Ratio Lower Upper

105 100

120 35.5 22.3 66.9



#95

Naphthalene

Concen: 7.098 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066861.D

Acq: 24 Sep 2020 19:50

Tgt Ion:128 Resp: 77721

Ion Ratio Lower Upper

128 100

127 20.8 10.6 16.0#

129 15.2 8.9 13.3#

