

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066974.D
 Acq On : 30 Sep 2020 15:25
 Operator : VA/SY
 Sample : L4193-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-12(3-4)

Quant Time: Oct 01 01:20:32 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

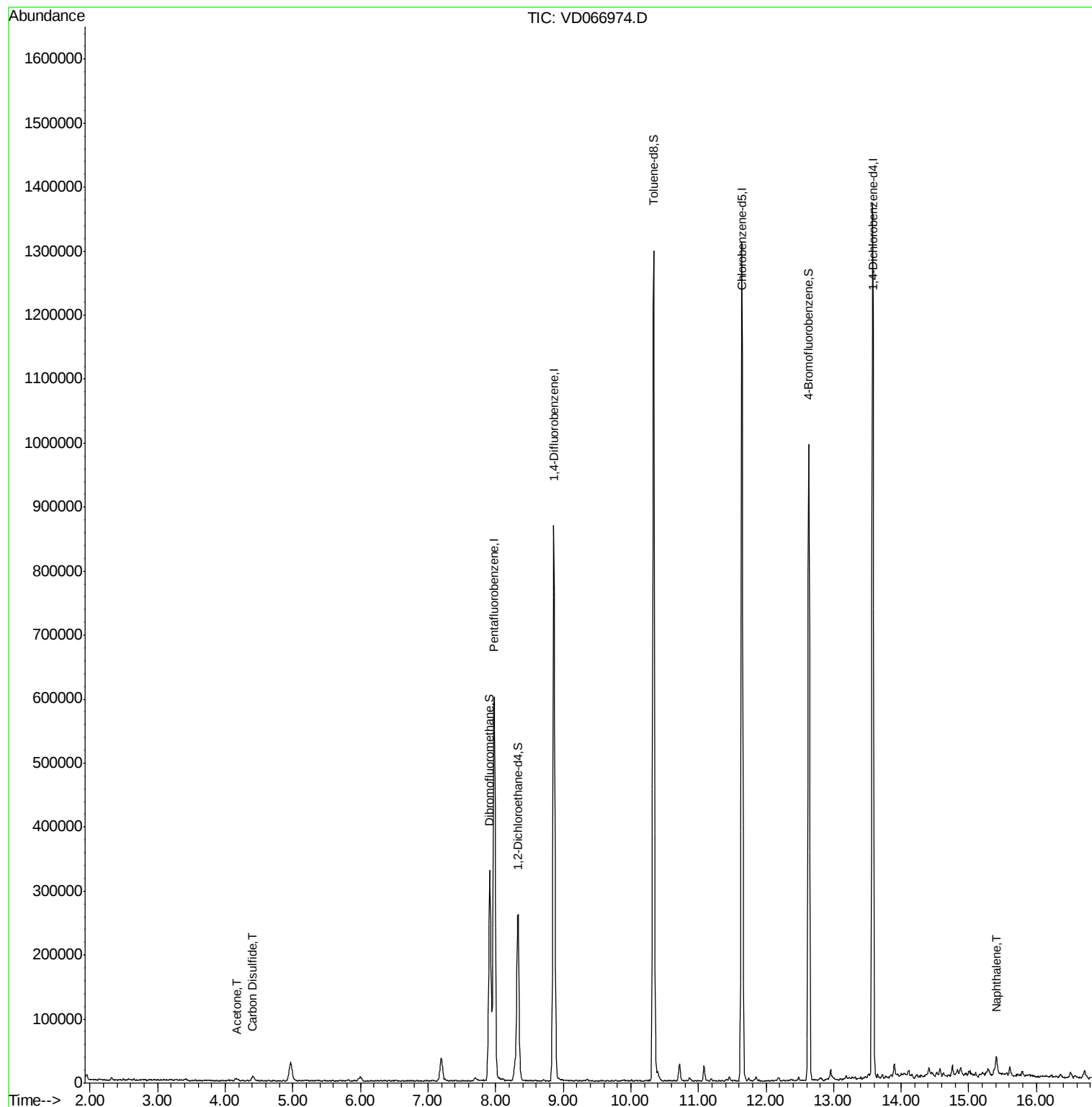
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	450986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	743967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	766384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	370228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	212009	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
35) Dibromofluoromethane	7.91	113	236008	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	10.34	98	892665	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.70%	
62) 4-Bromofluorobenzene	12.63	95	333966	60.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.98%	
Target Compounds						
16) Acetone	4.17	43	5951	6.355	ug/l	90
17) Carbon Disulfide	4.40	76	14099	1.044	ug/l #	92
95) Naphthalene	15.41	128	26948	2.385	ug/l	98

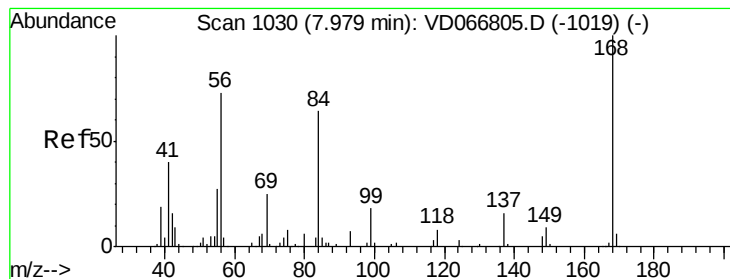
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD093020\
Data File : VD066974.D
Acq On : 30 Sep 2020 15:25
Operator : VA/SY
Sample : L4193-01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-12(3-4)

Quant Time: Oct 01 01:20:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 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: VD066974.D

Acq: 30 Sep 2020 15:25

Instrument :

MSVOA_D

ClientSampleId :

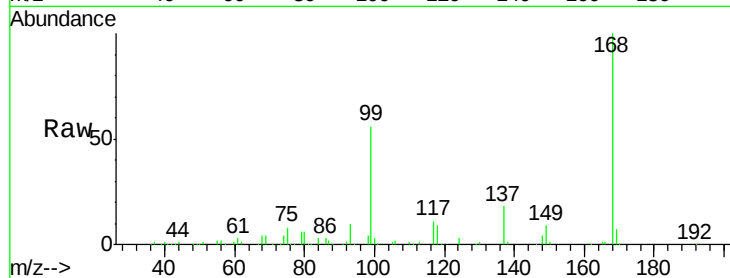
B-12(3-4)

Tot Ion:168 Resp: 450986

Ion Ratio Lower Upper

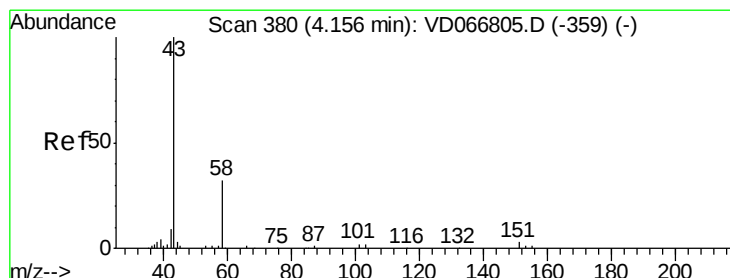
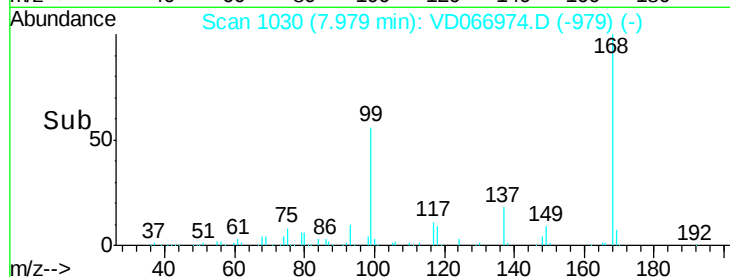
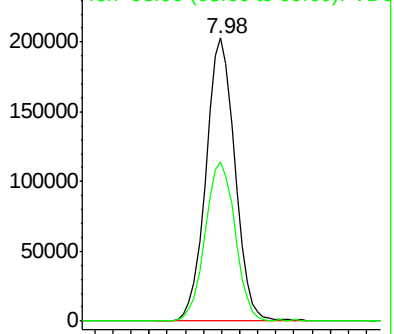
168 100

99 56.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 6.355 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.02 min

Lab File: VD066974.D

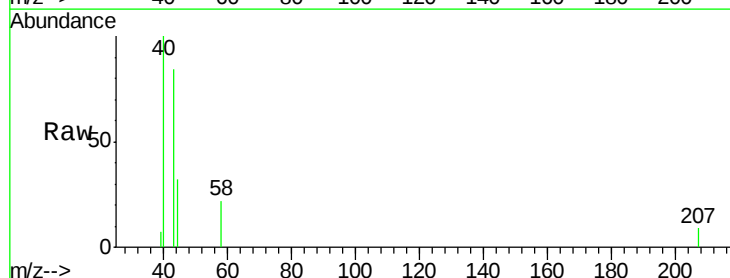
Acq: 30 Sep 2020 15:25

Tgt Ion: 43 Resp: 5951

Ion Ratio Lower Upper

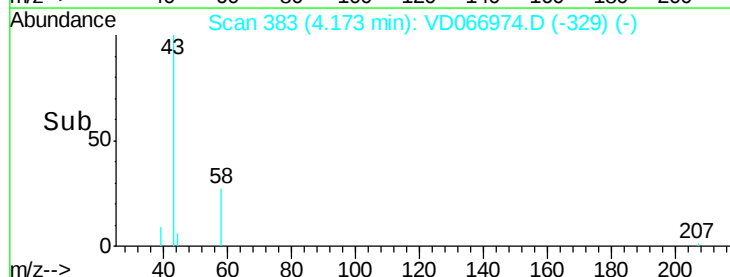
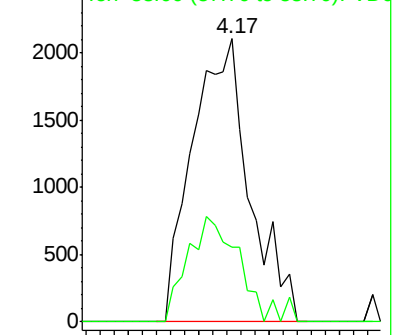
43 100

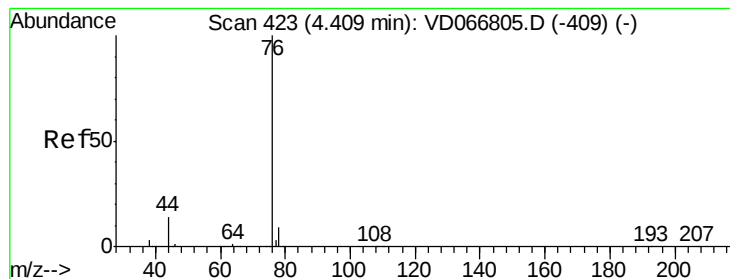
58 26.5 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 1.044 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066974.D

Acq: 30 Sep 2020 15:25

Instrument :

MSVOA_D

ClientSampleId :

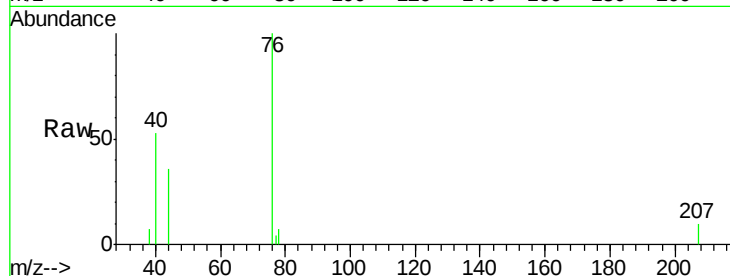
B-12(3-4)

Tot Ion: 76 Resp: 14099

Ion Ratio Lower Upper

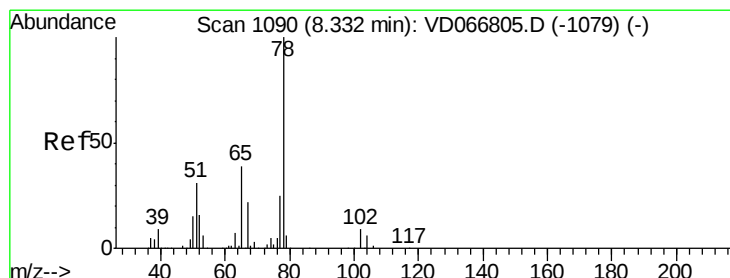
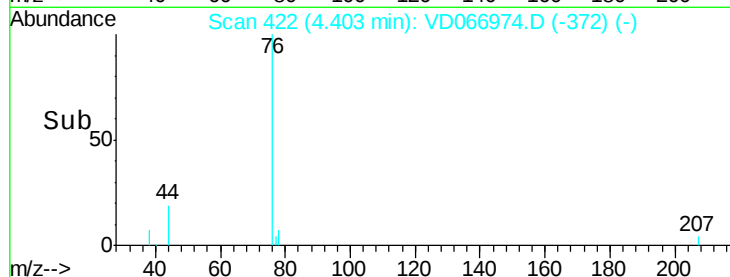
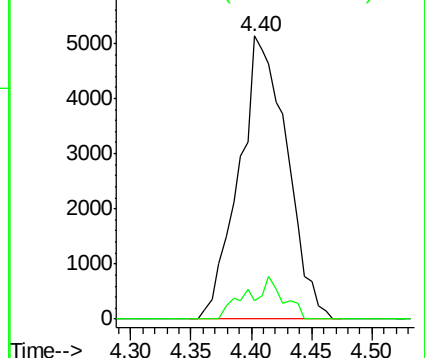
76 100

78 6.6 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 48.030 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066974.D

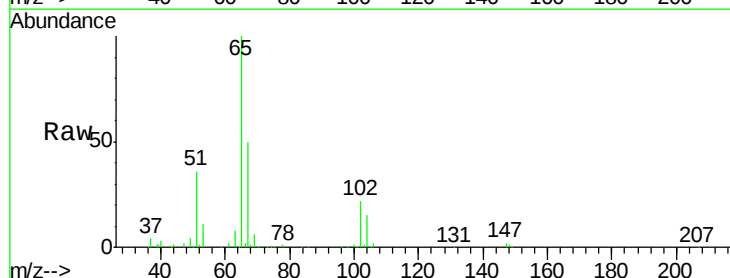
Acq: 30 Sep 2020 15:25

Tgt Ion: 65 Resp: 212009

Ion Ratio Lower Upper

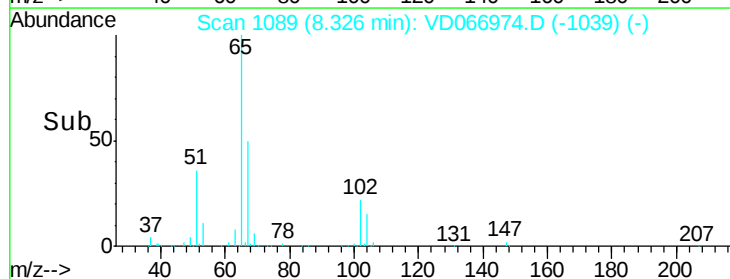
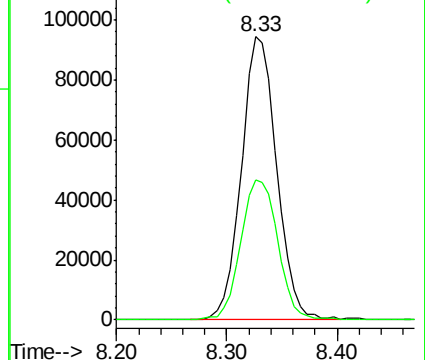
65 100

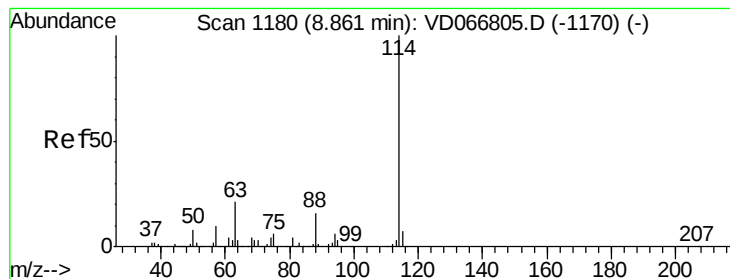
67 52.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066974.D

Acq: 30 Sep 2020 15:25

Instrument :

MSVOA_D

ClientSampleId :

B-12(3-4)

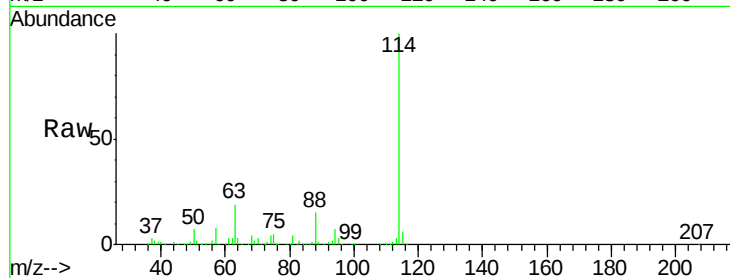
Tot Ion:114 Resp: 743967

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.6

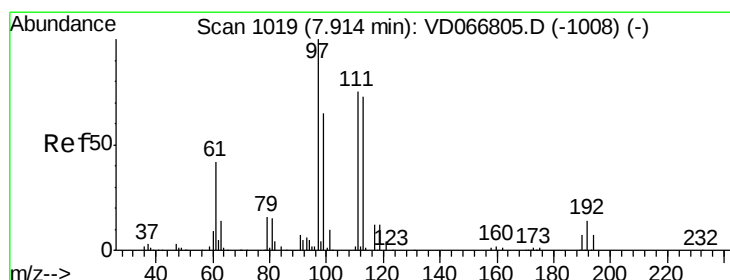
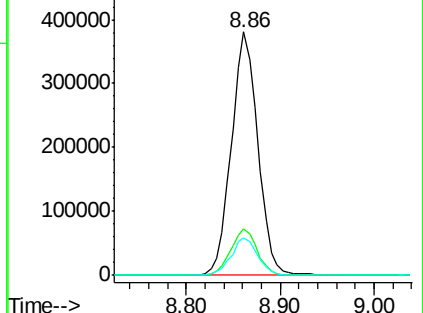
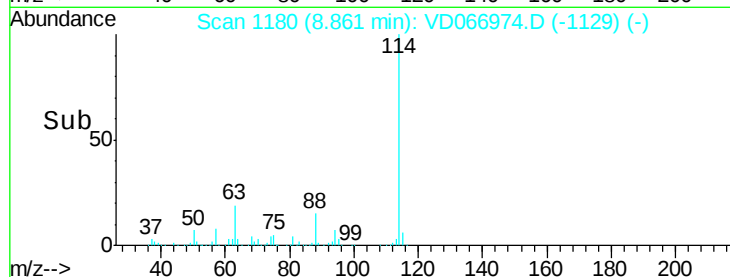
88 15.5 0.0 32.6



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: 49.863 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066974.D

Acq: 30 Sep 2020 15:25

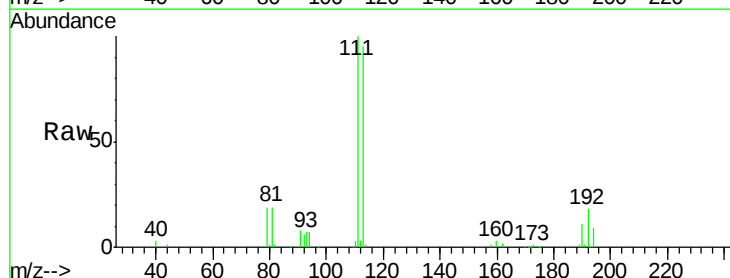
Tgt Ion:113 Resp: 236008

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

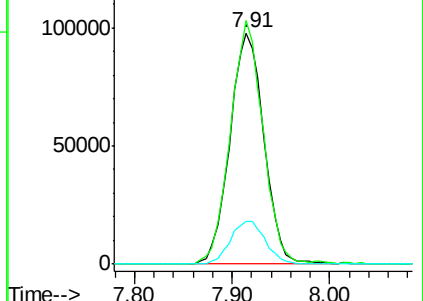
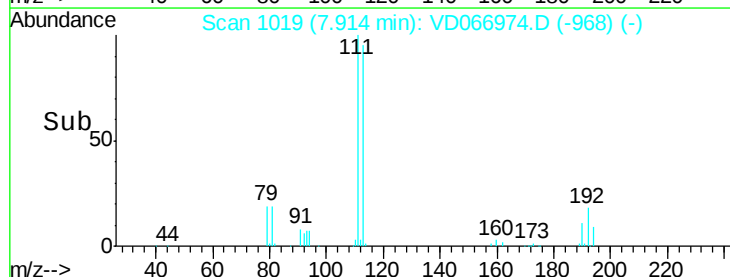
192 19.2 14.4 21.6

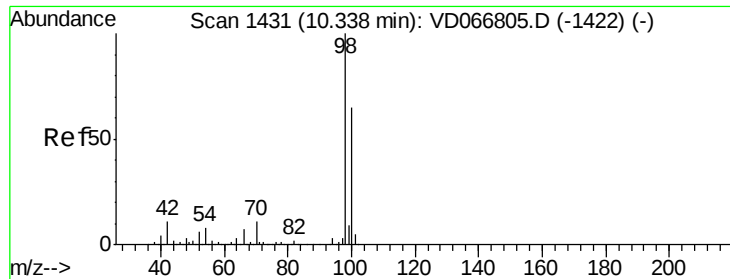


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

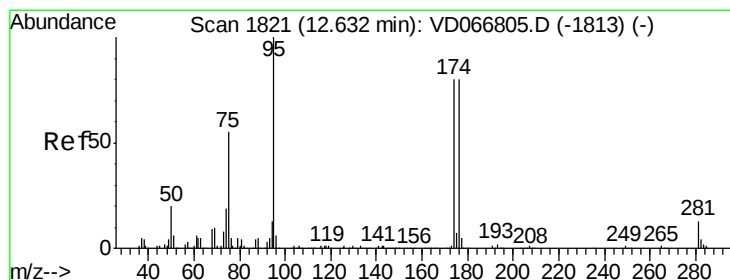
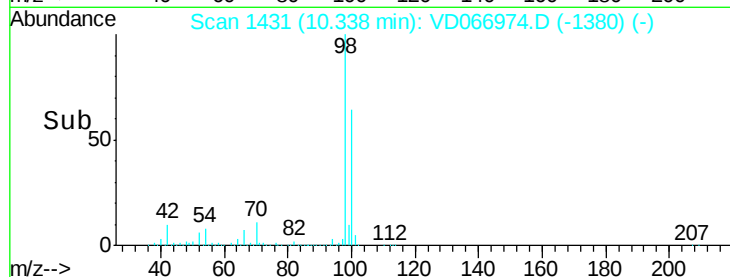
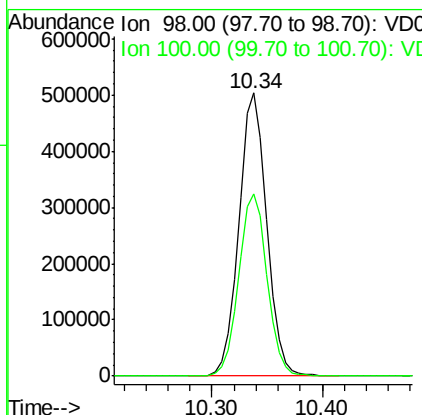
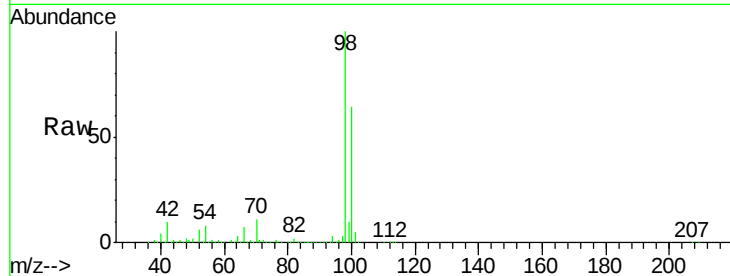




#50
Toluene-d8
Concen: 55.354 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066974.D
Acq: 30 Sep 2020 15:25

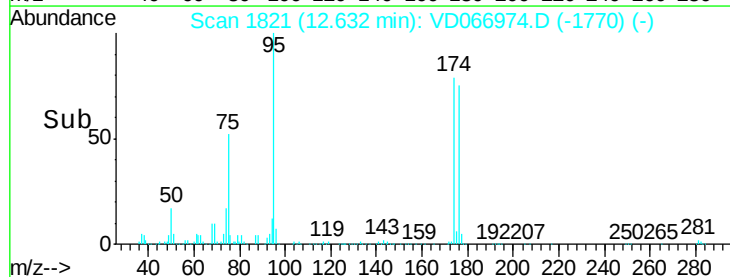
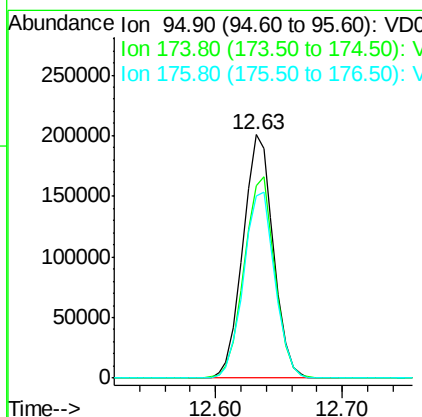
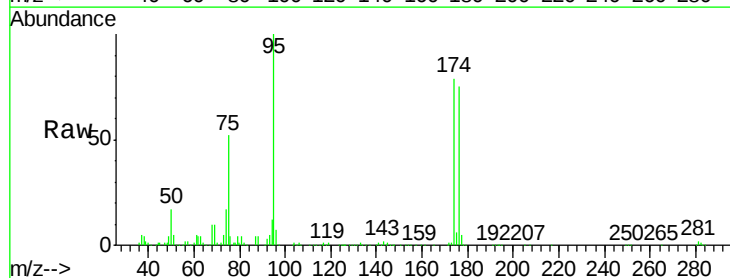
Instrument :
MSVOA_D
ClientSampleId :
B-12(3-4)

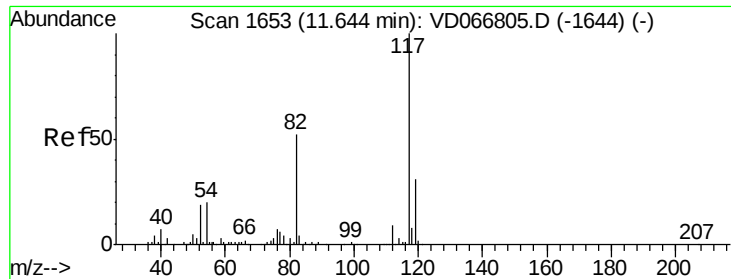
Tot Ion: 98 Resp: 892665
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 60.494 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066974.D
Acq: 30 Sep 2020 15:25

Tgt Ion: 95 Resp: 333966
Ion Ratio Lower Upper
95 100
174 83.2 0.0 159.8
176 78.5 0.0 154.4

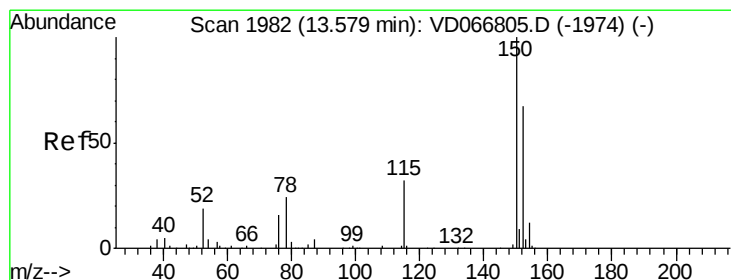
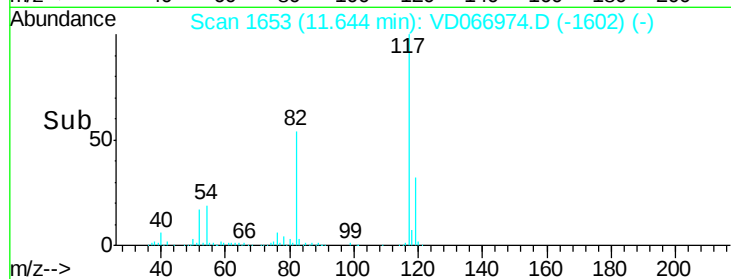
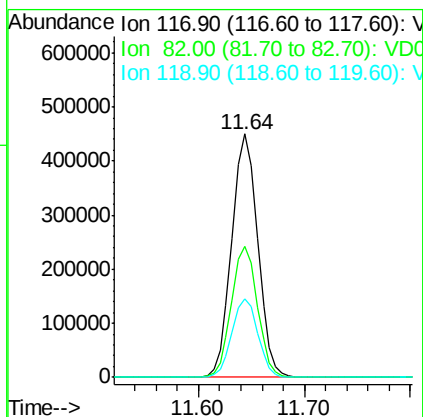
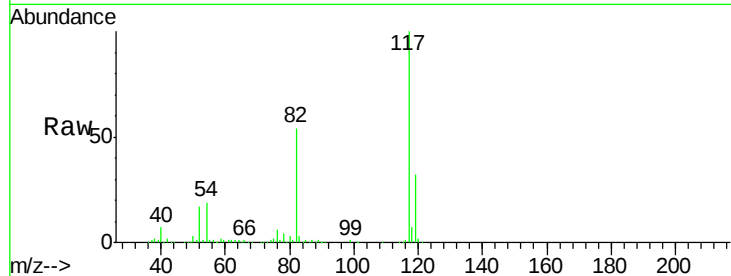




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066974.D
Acq: 30 Sep 2020 15:25

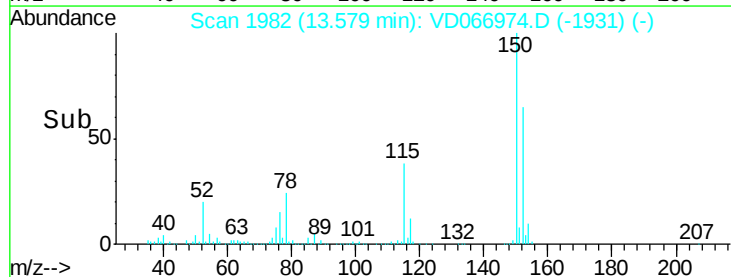
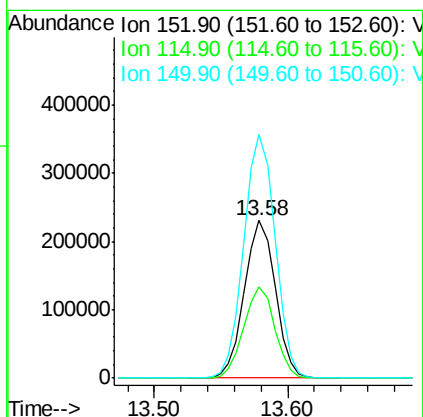
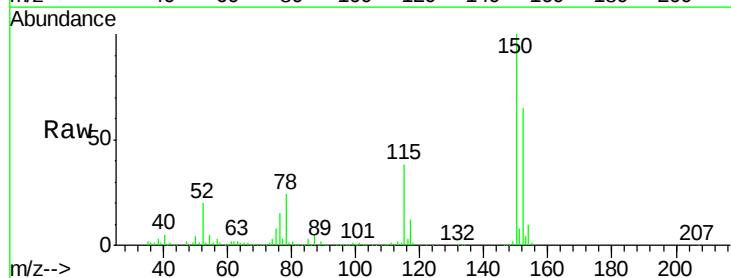
Instrument :
MSVOA_D
ClientSampleId :
B-12(3-4)

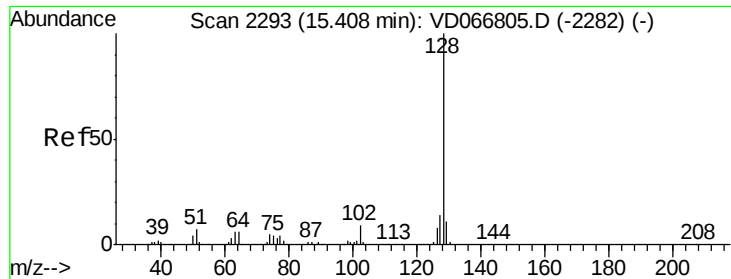
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	41.8	62.6
119	32.4	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066974.D
Acq: 30 Sep 2020 15:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.3	91.0
150	156.6	0.0	346.2





#95

Naphthalene

Concen: 2.385 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066974.D

Acq: 30 Sep 2020 15:25

Instrument :

MSVOA_D

ClientSampleId :

B-12(3-4)

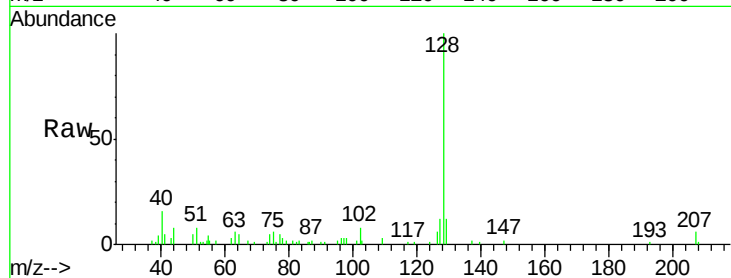
Tot Ion:128 Resp: 26948

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 12.4 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

