

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066893.D
 Acq On : 26 Sep 2020 01:44
 Operator : VA/SY
 Sample : L4154-03
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(13-15)

Quant Time: Sep 26 07:09:29 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

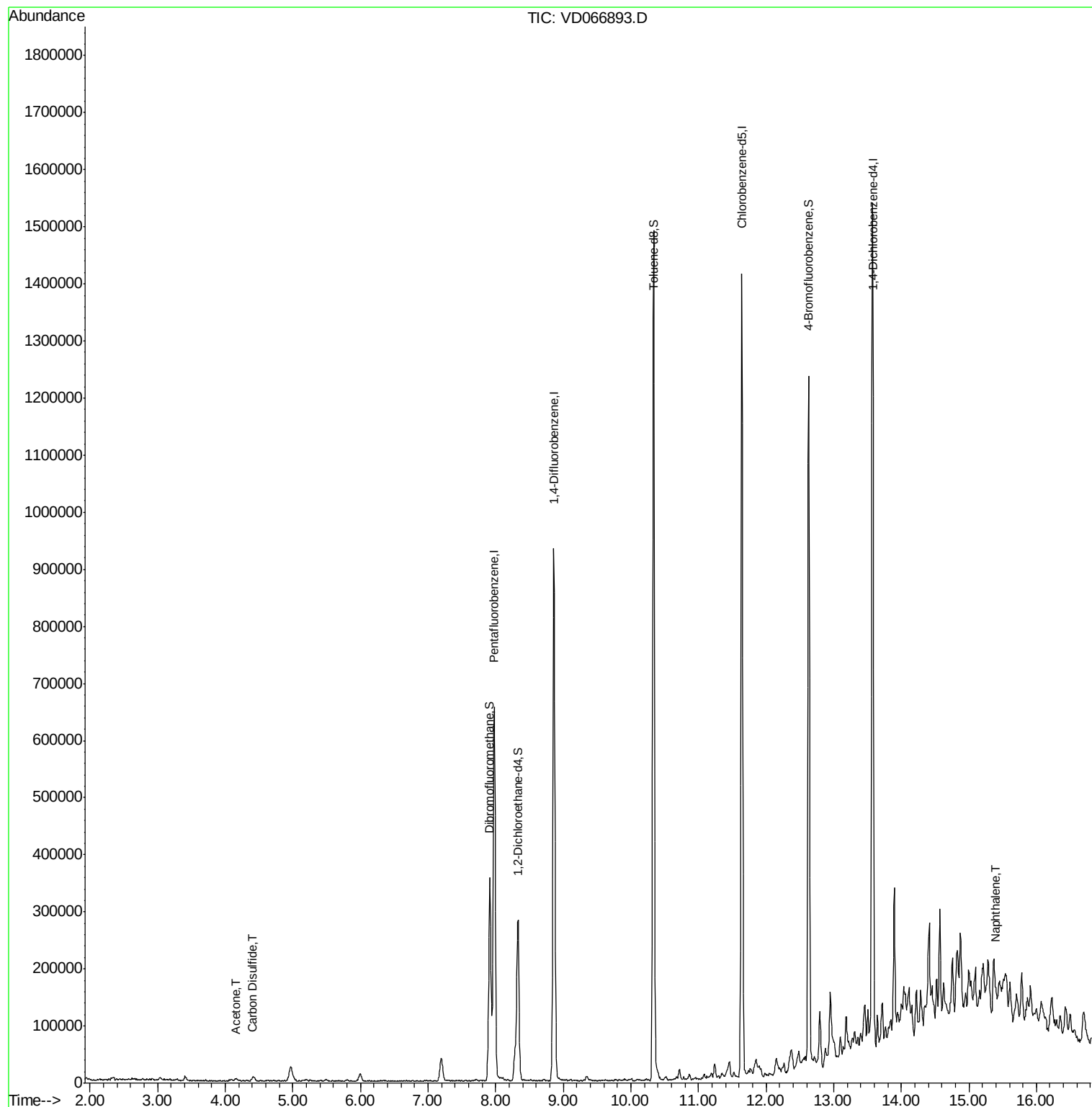
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	482735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	820173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	837698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	408781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	228000	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
35) Dibromofluoromethane	7.91	113	247550	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
50) Toluene-d8	10.34	98	990823	55.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.46%	
62) 4-Bromofluorobenzene	12.63	95	381028	62.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.22%	
Target Compounds						
16) Acetone	4.16	43	6272	6.258	ug/l	94
17) Carbon Disulfide	4.41	76	14686	1.016	ug/l #	91
95) Naphthalene	15.40	128	37607	3.014	ug/l #	91

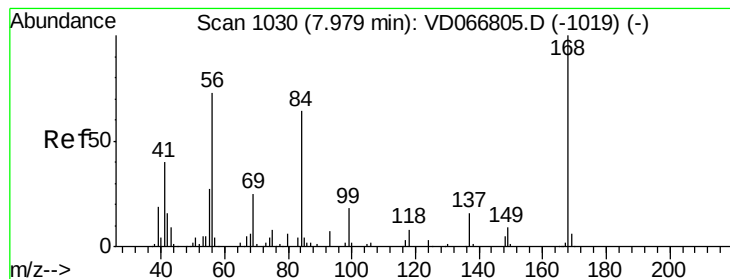
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066893.D

Acq: 26 Sep 2020 01:44

Instrument :

MSVOA_D

ClientSampleId :

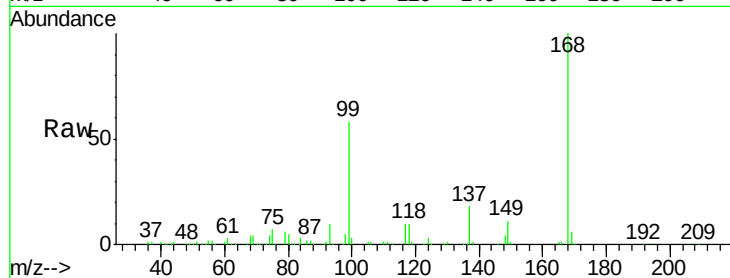
B-1(13-15)

Tot Ion:168 Resp: 482735

Ion Ratio Lower Upper

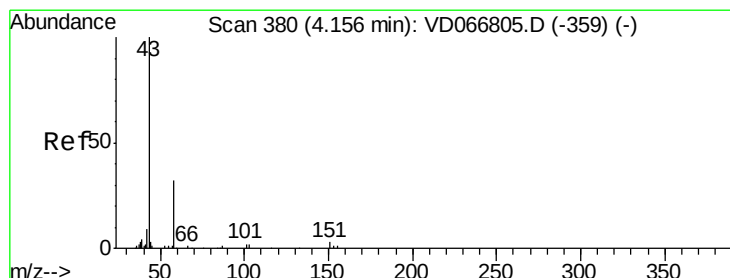
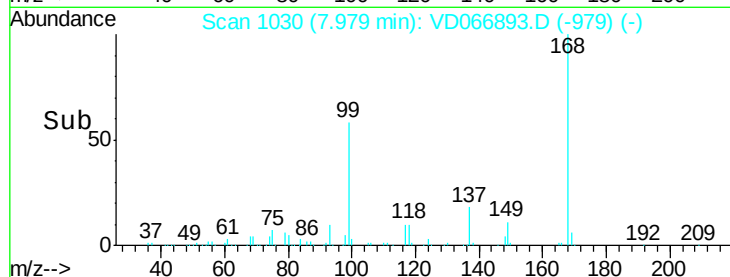
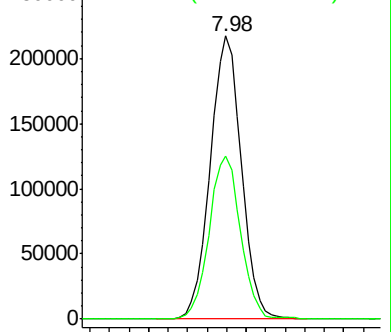
168 100

99 57.6 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: 6.258 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066893.D

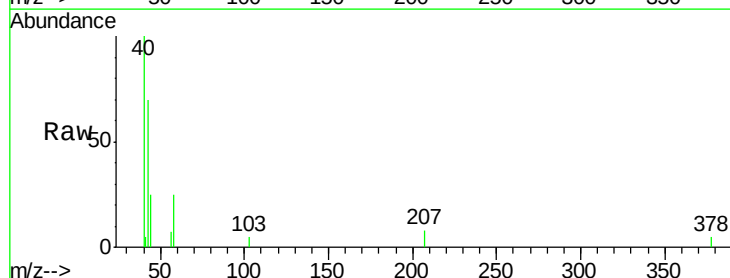
Acq: 26 Sep 2020 01:44

Tgt Ion: 43 Resp: 6272

Ion Ratio Lower Upper

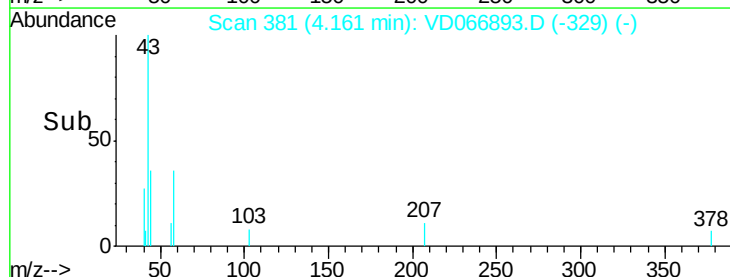
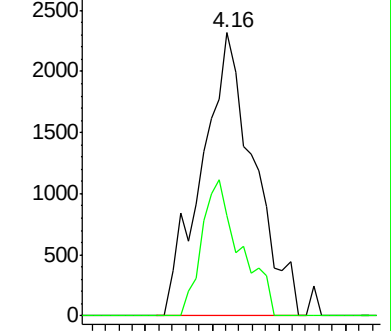
43 100

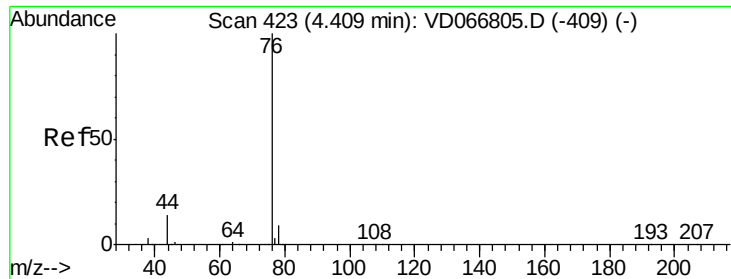
58 35.6 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 1.016 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066893.D

Acq: 26 Sep 2020 01:44

Instrument :

MSVOA_D

ClientSampleId :

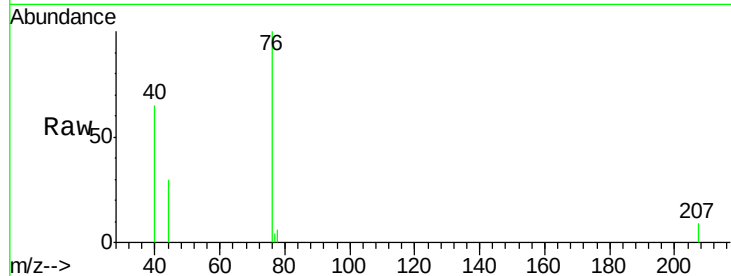
B-1(13-15)

Tot Ion: 76 Resp: 14686

Ion Ratio Lower Upper

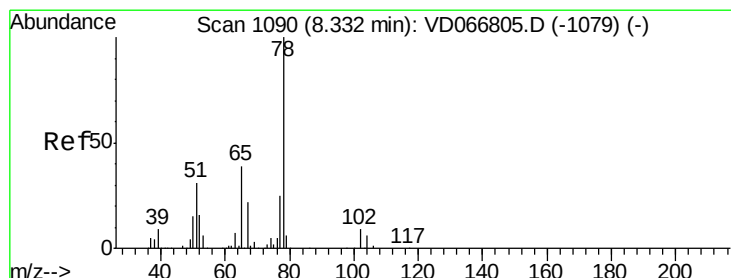
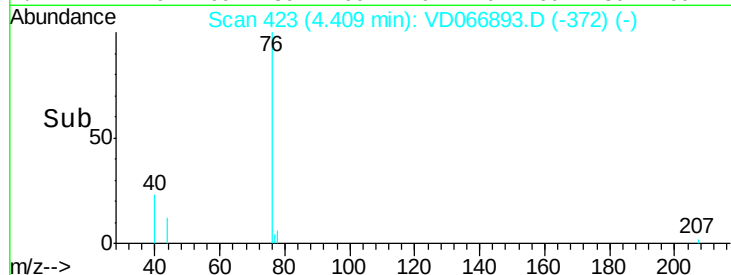
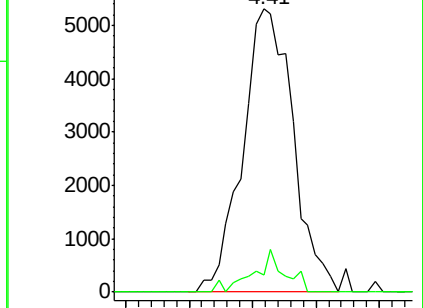
76 100

78 6.2 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: 48.256 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066893.D

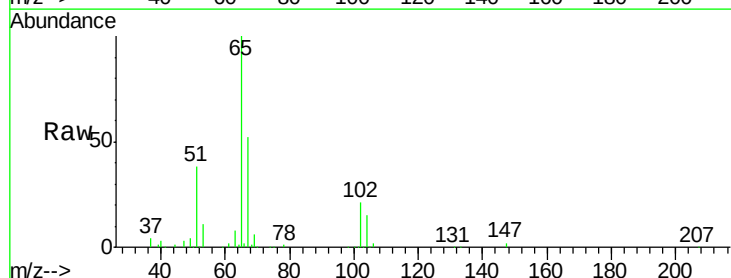
Acq: 26 Sep 2020 01:44

Tgt Ion: 65 Resp: 228000

Ion Ratio Lower Upper

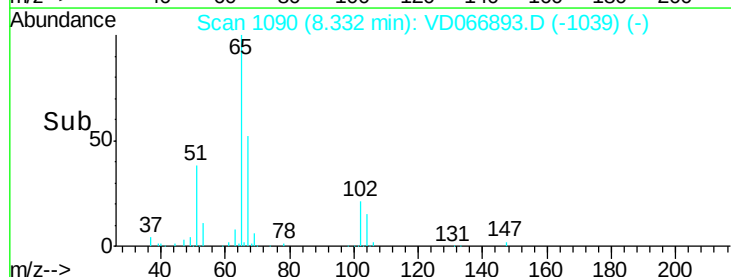
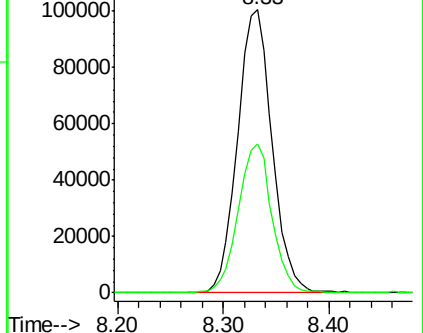
65 100

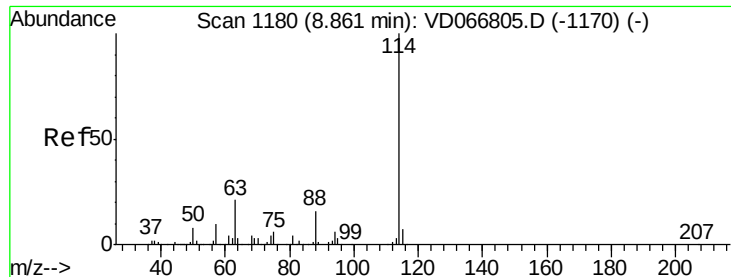
67 51.6 0.0 107.2



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: VD066893.D

Acq: 26 Sep 2020 01:44

Instrument :

MSVOA_D

ClientSampleId :

B-1(13-15)

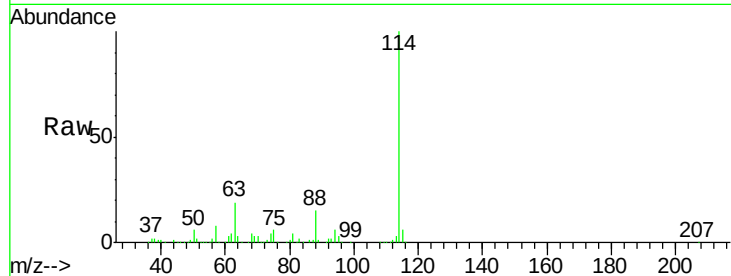
Tot Ion:114 Resp: 820173

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.6

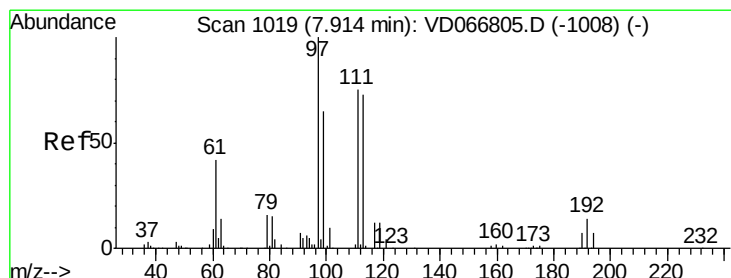
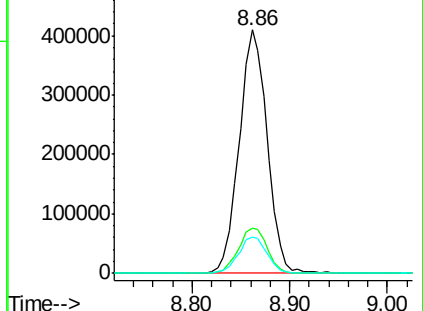
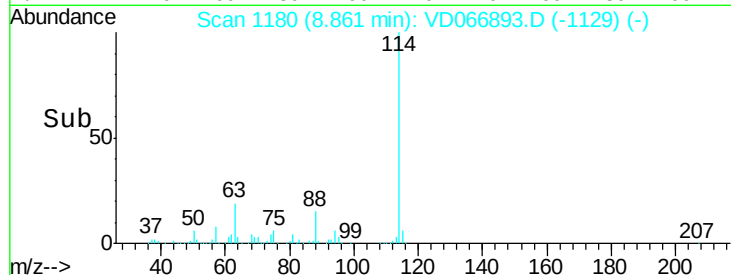
88 15.0 0.0 32.6



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



#35

Dibromofluoromethane

Concen: 47.442 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066893.D

Acq: 26 Sep 2020 01:44

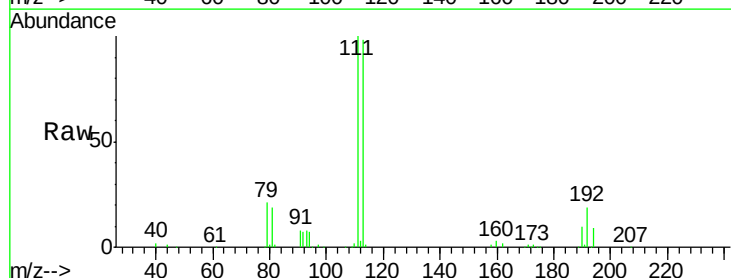
Tgt Ion:113 Resp: 247550

Ion Ratio Lower Upper

113 100

111 104.2 81.8 122.8

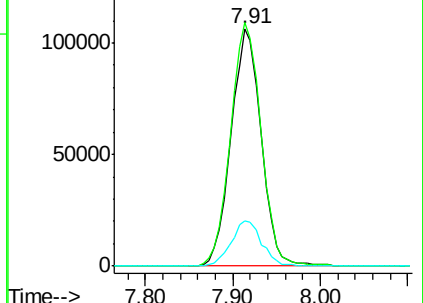
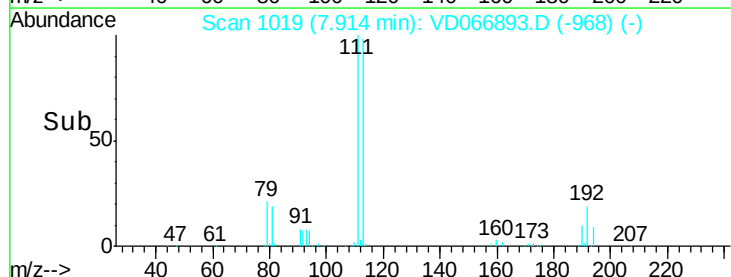
192 19.2 14.4 21.6

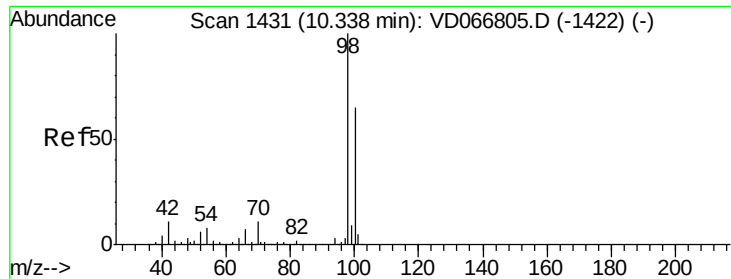


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.732 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066893.D

Acq: 26 Sep 2020 01:44

Instrument :

MSVOA_D

ClientSampleId :

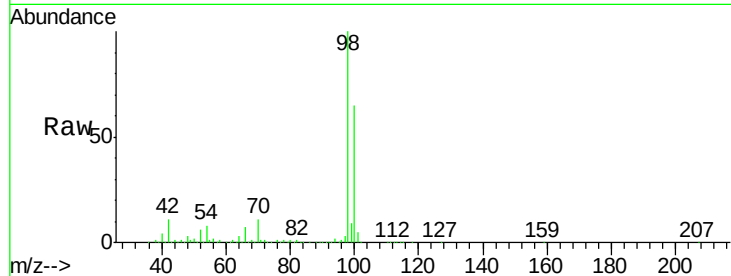
B-1(13-15)

Tot Ion: 98 Resp: 990823

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



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

Ion 100.00 (99.70 to 100.70): VD066805.D (-1422) (-)

10.34

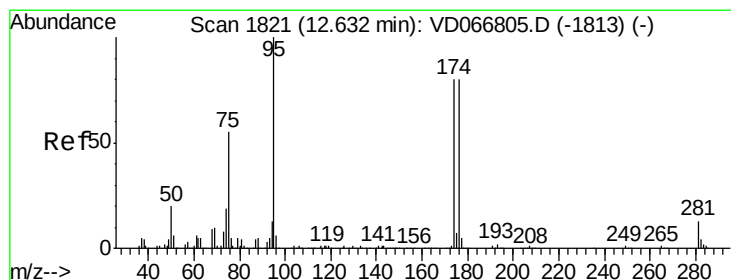
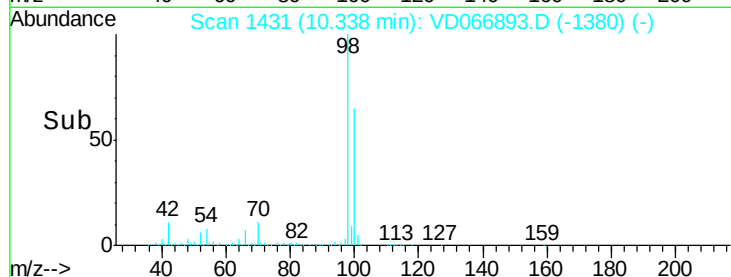
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 62.605 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066893.D

Acq: 26 Sep 2020 01:44

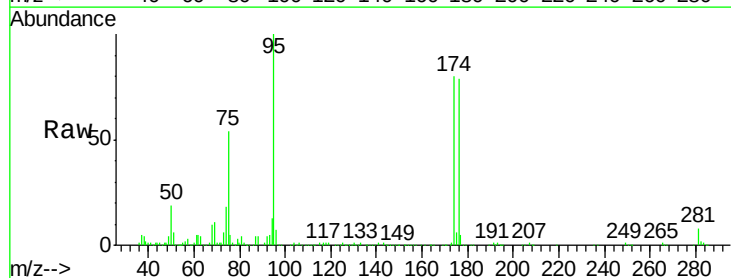
Tgt Ion: 95 Resp: 381028

Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.8

176 77.4 0.0 154.4



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

Ion 173.80 (173.50 to 174.50): VD066805.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066805.D (-1813) (-)

12.63

300000

250000

200000

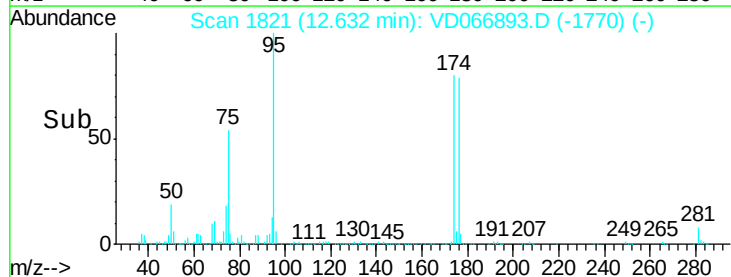
150000

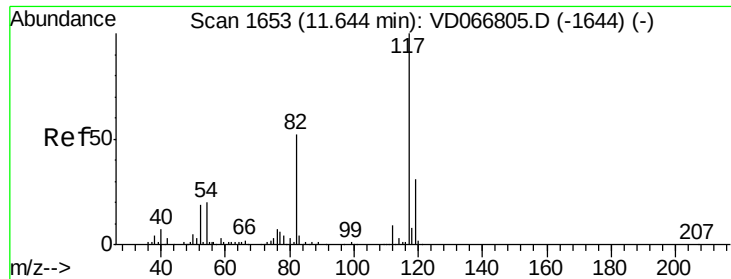
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

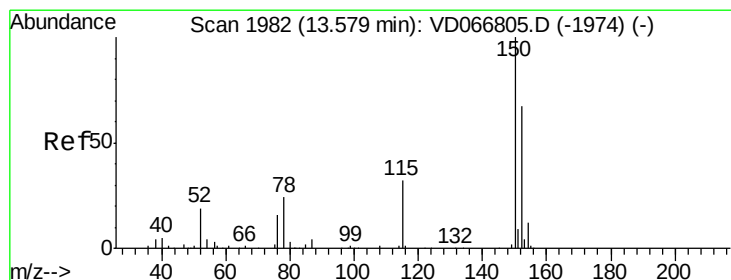
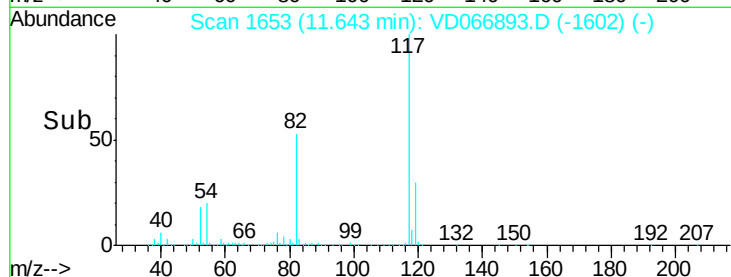
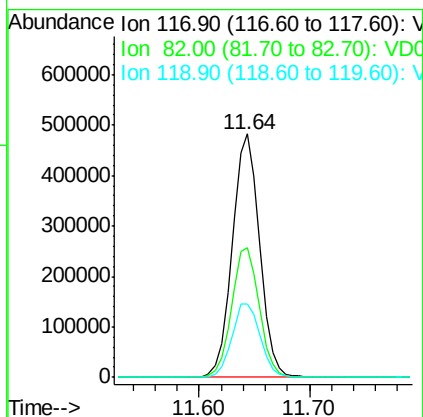
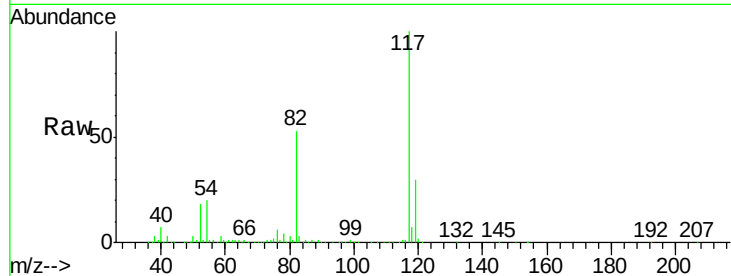




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066893.D
Acq: 26 Sep 2020 01:44

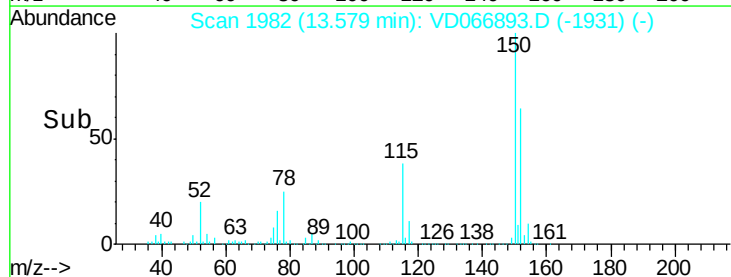
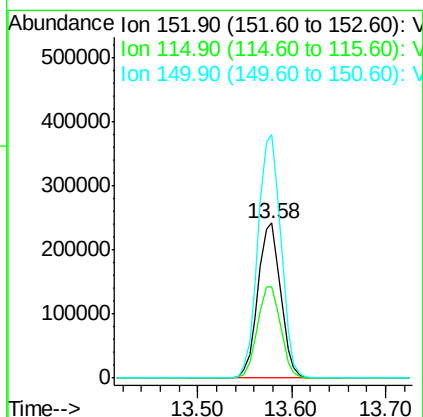
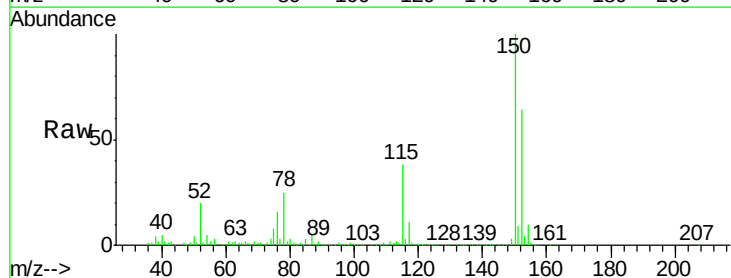
Instrument :
MSVOA_D
ClientSampleId :
B-1(13-15)

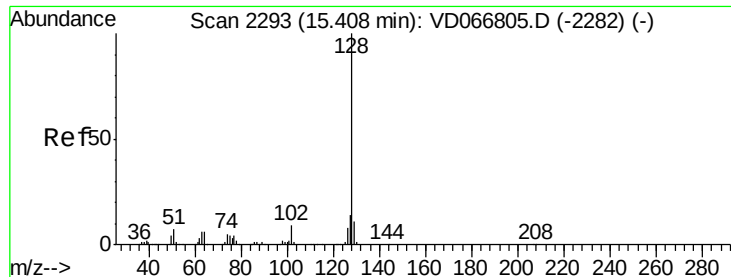
Tot Ion:117 Resp: 837698
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 30.4 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066893.D
Acq: 26 Sep 2020 01:44

Tgt Ion:152 Resp: 408781
Ion Ratio Lower Upper
152 100
115 59.9 30.3 91.0
150 158.1 0.0 346.2





#95

Naphthalene

Concen: 3.014 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066893.D

Acq: 26 Sep 2020 01:44

Instrument :

MSVOA_D

ClientSampleId :

B-1(13-15)

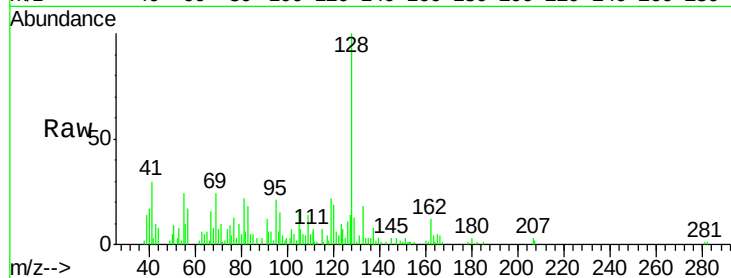
Tot Ion:128 Resp: 37607

Ion Ratio Lower Upper

128 100

127 19.4 10.6 16.0#

129 10.5 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

