

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066378.D
 Acq On : 24 Aug 2020 13:52
 Operator : VA/SY
 Sample : L3734-06
 Misc : 7.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-BF-1E

Quant Time: Aug 25 03:40:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

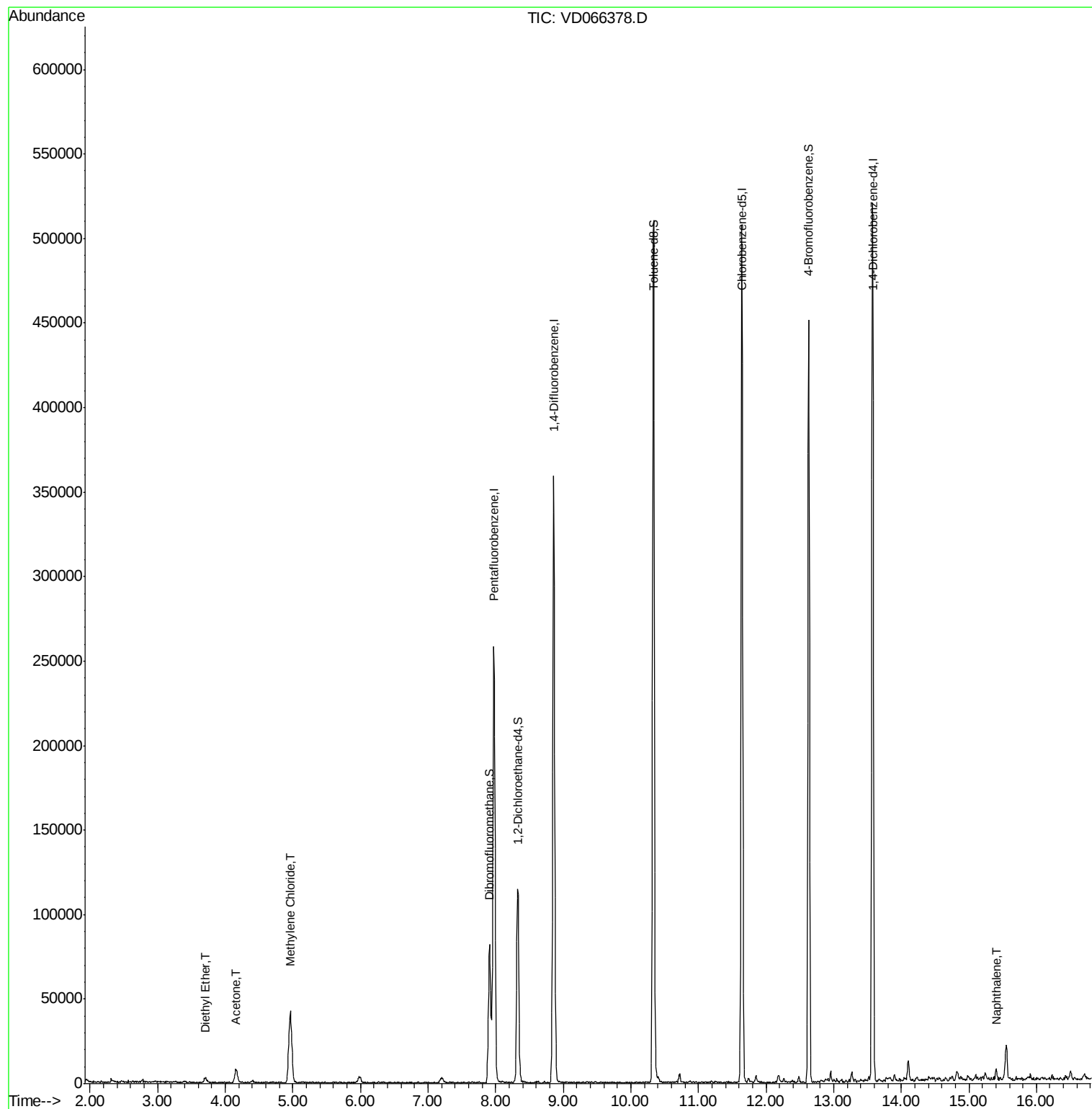
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	192828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	295729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	281329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	104329	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
35) Dibromofluoromethane	7.91	113	56905	30.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.54%	
50) Toluene-d8	10.34	98	345577	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.63	95	130561	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
Target Compounds						
8) Diethyl Ether	3.71	74	1748	2.300	ug/l	93
16) Acetone	4.16	43	14169	41.573	ug/l #	76
20) Methylene Chloride	4.96	84	33313	13.693	ug/l	91
95) Naphthalene	15.41	128	5676	1.185	ug/l #	82

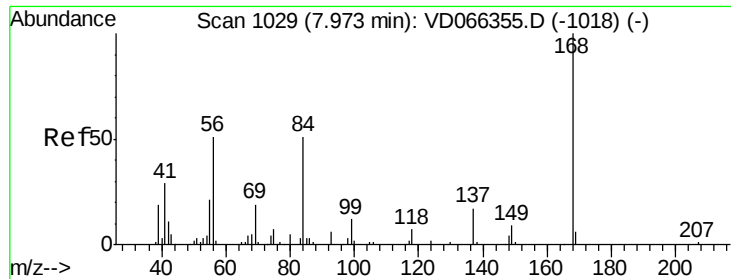
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
Data File : VD066378.D
Acq On : 24 Aug 2020 13:52
Operator : VA/SY
Sample : L3734-06
Misc : 7.01G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EROC-BF-1E

Quant Time: Aug 25 03:40:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

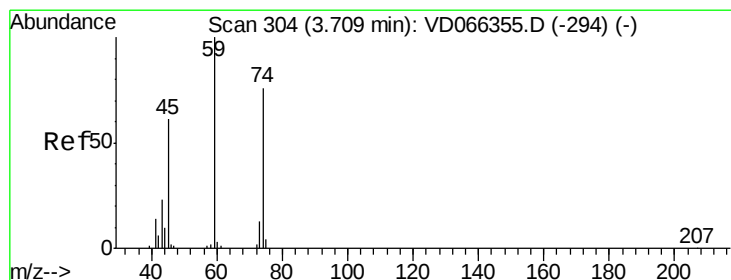
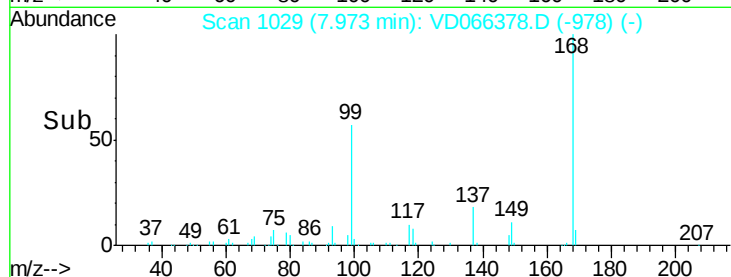
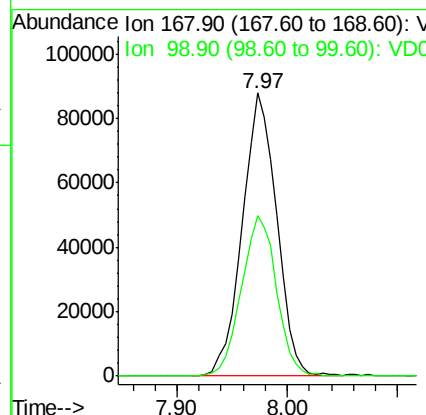
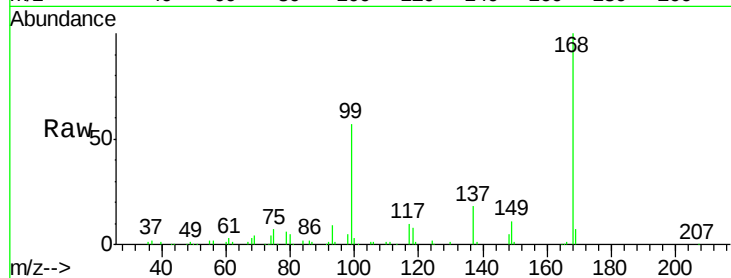




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VD066378.D
Acq: 24 Aug 2020 13:52

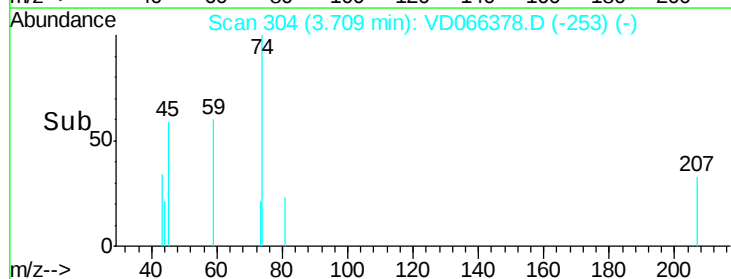
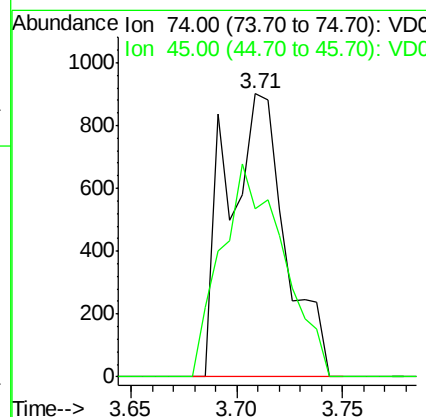
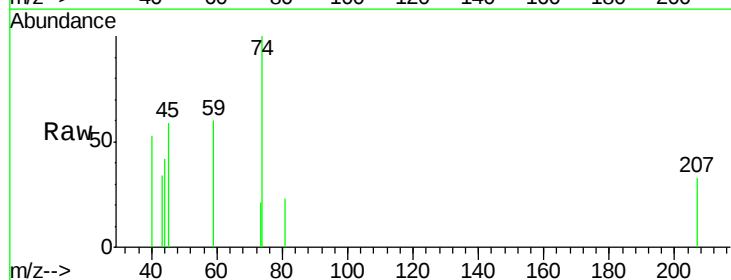
Instrument :
MSVOA_D
ClientSampleId :
EROC-BF-1E

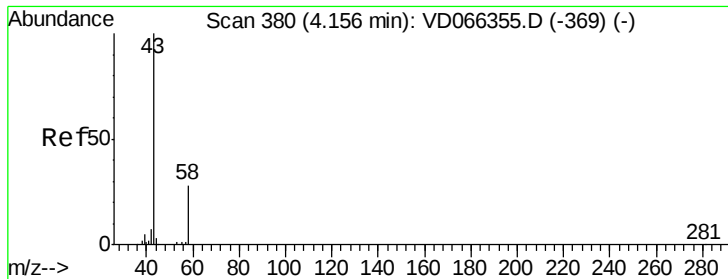
Tot Ion:168 Resp: 192828
Ion Ratio Lower Upper
168 100
99 56.7 45.4 68.0



#8
Diethyl Ether
Concen: 2.300 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066378.D
Acq: 24 Aug 2020 13:52

Tgt Ion: 74 Resp: 1748
Ion Ratio Lower Upper
74 100
45 78.7 42.8 128.3





#16

Acetone

Concen: 41.573 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066378.D

Acq: 24 Aug 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

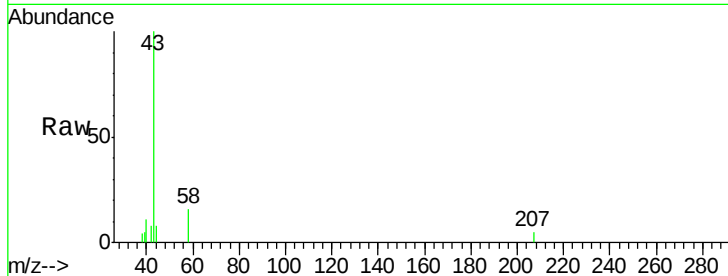
EROC-BF-1E

Tot Ion: 43 Resp: 14169

Ion Ratio Lower Upper

43 100

58 15.8 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

6000

5000

4000

3000

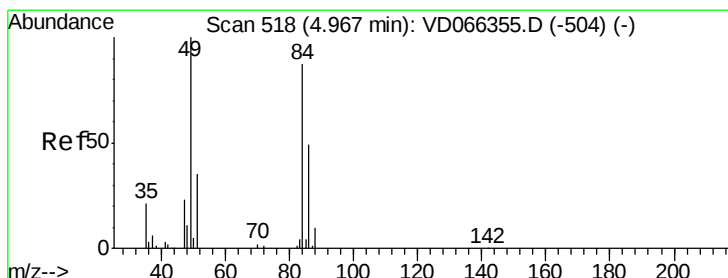
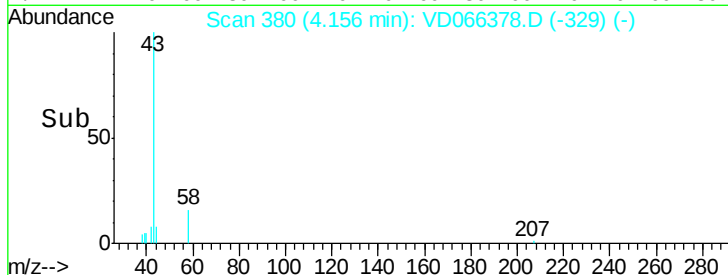
2000

1000

0

Time-->

4.05 4.10 4.15 4.20 4.25



#20

Methylene Chloride

Concen: 13.693 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066378.D

Acq: 24 Aug 2020 13:52

Tgt Ion: 84 Resp: 33313

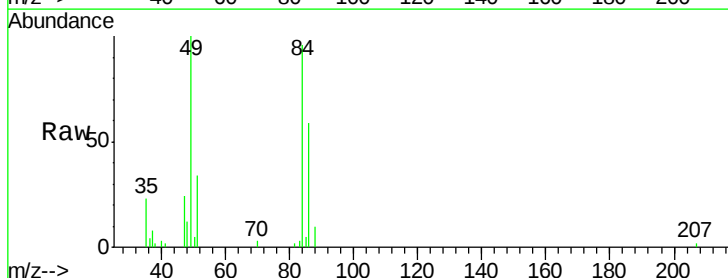
Ion Ratio Lower Upper

84 100

49 103.9 92.5 138.7

51 35.1 32.5 48.7

86 61.2 45.0 67.6



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

15000

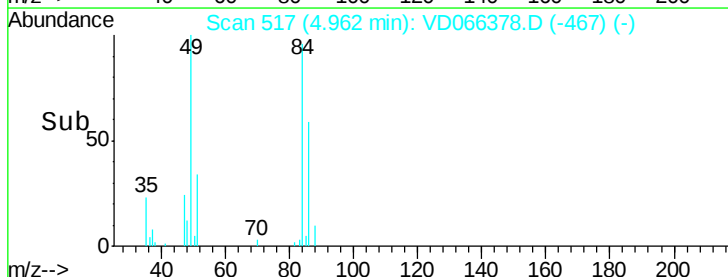
10000

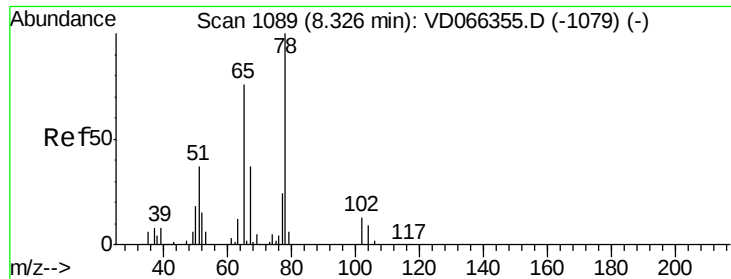
5000

0

Time-->

4.90 4.95 5.00 5.10

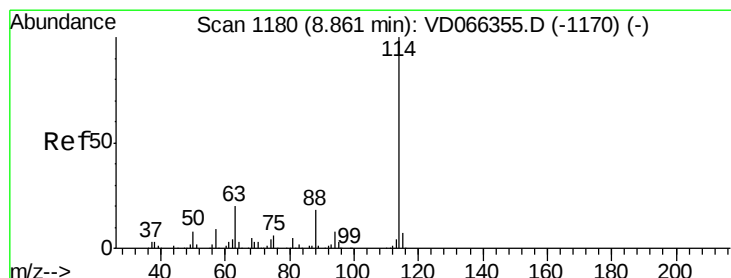
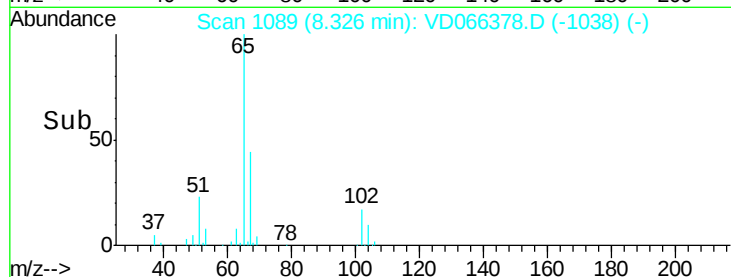
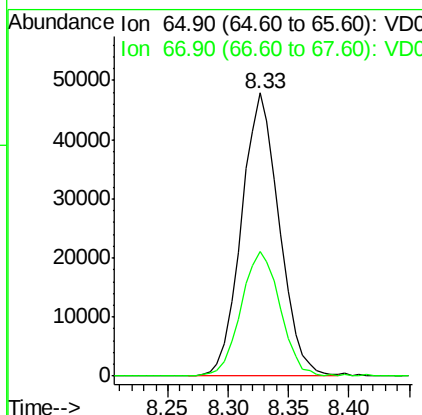
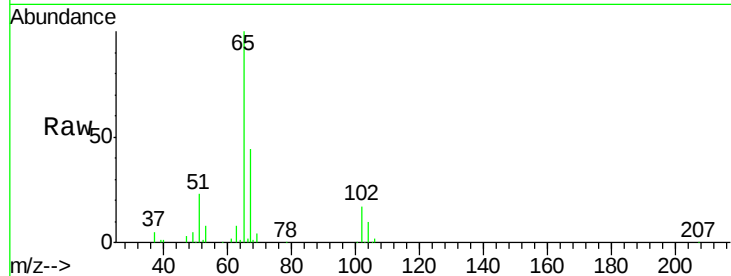




#33
 1,2-Dichloroethane-d4
 Concen: 55.187 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066378.D
 Acq: 24 Aug 2020 13:52

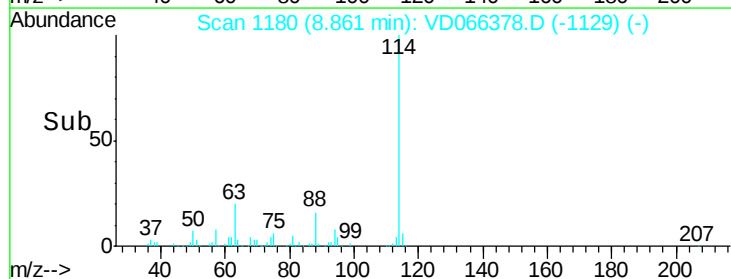
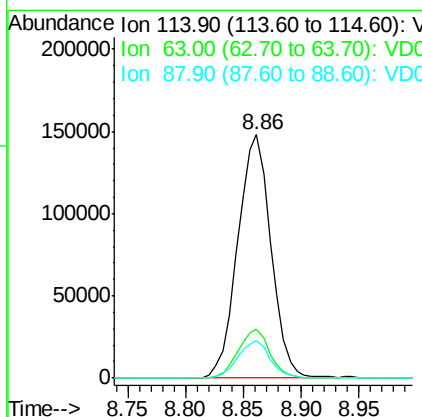
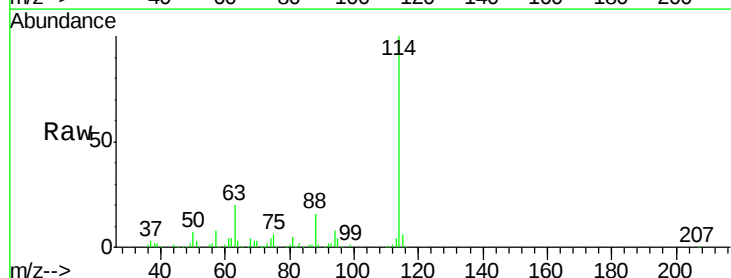
Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-BF-1E

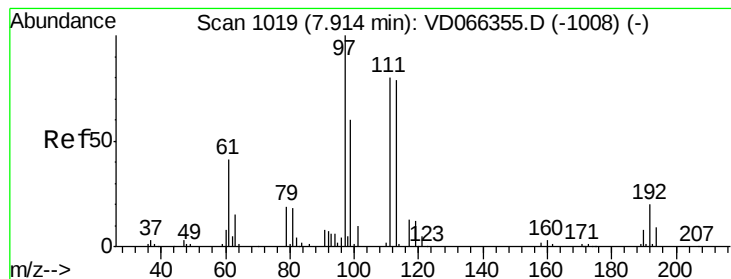
Tot Ion: 65 Resp: 104329
 Ion Ratio Lower Upper
 65 100
 67 45.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066378.D
 Acq: 24 Aug 2020 13:52

Tgt Ion: 114 Resp: 295729
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 15.6 0.0 35.4





#35

Dibromofluoromethane

Concen: 30.772 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066378.D

Acq: 24 Aug 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

EROC-BF-1E

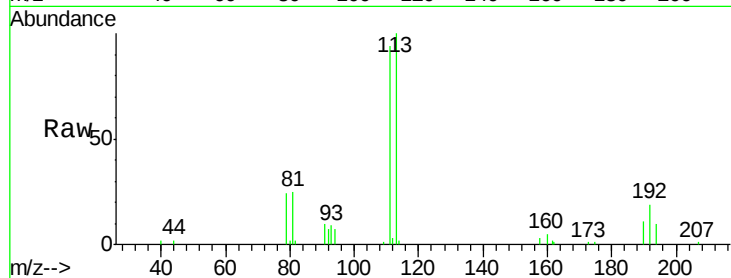
Tot Ion:113 Resp: 56905

Ion Ratio Lower Upper

113 100

111 99.8 80.3 120.5

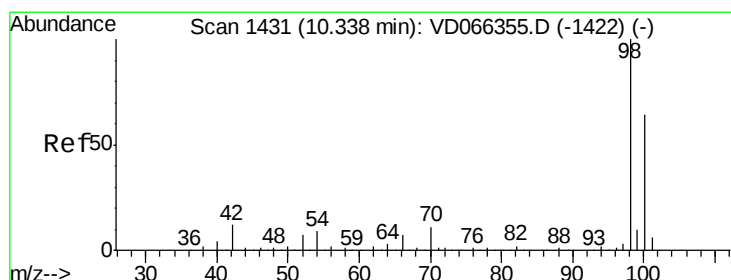
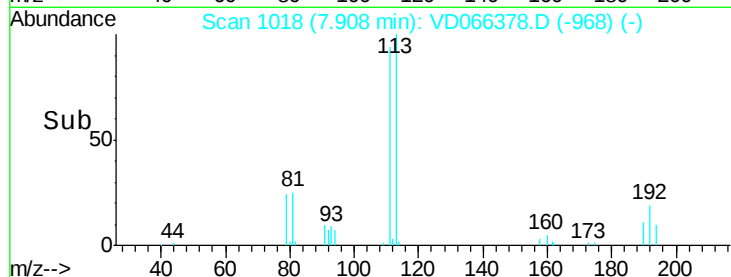
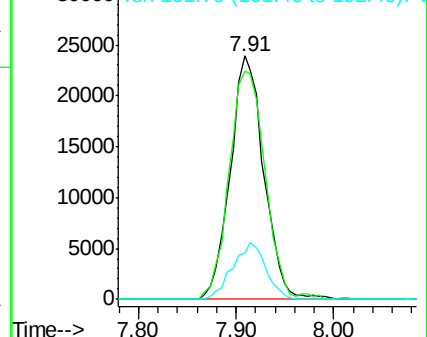
192 23.1 19.0 28.6



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: 51.075 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066378.D

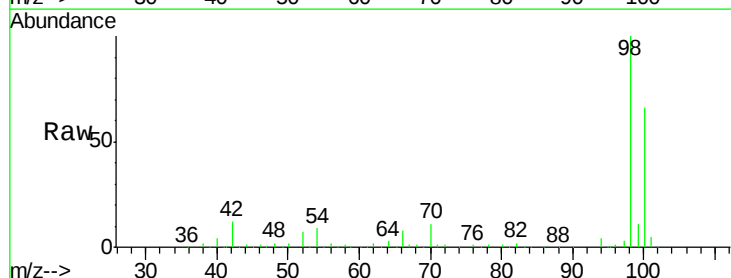
Acq: 24 Aug 2020 13:52

Tgt Ion: 98 Resp: 345577

Ion Ratio Lower Upper

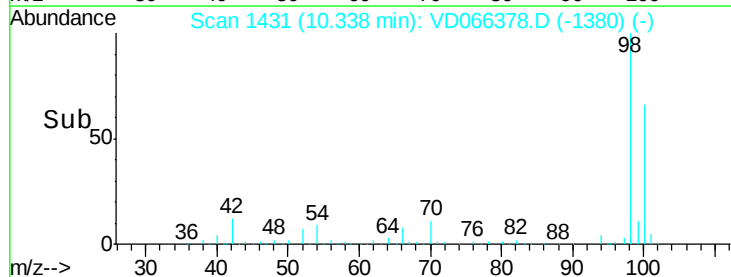
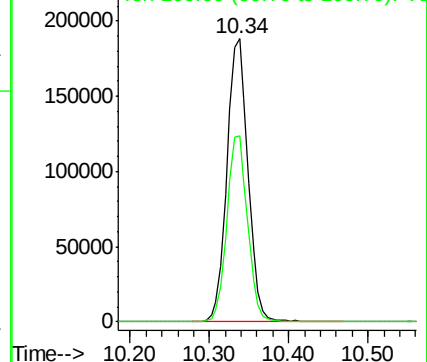
98 100

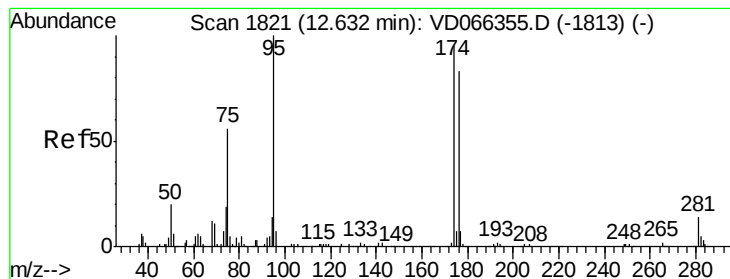
100 64.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.380 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066378.D

Acq: 24 Aug 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

EROC-BF-1E

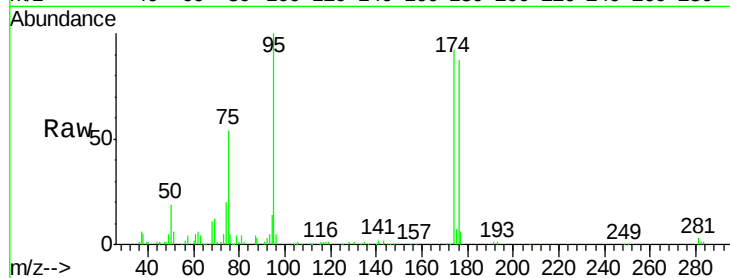
Tot Ion: 95 Resp: 130561

Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.4

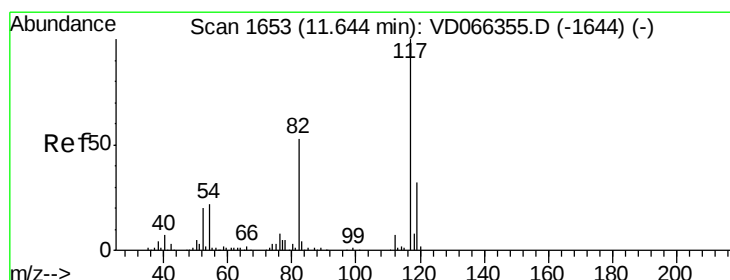
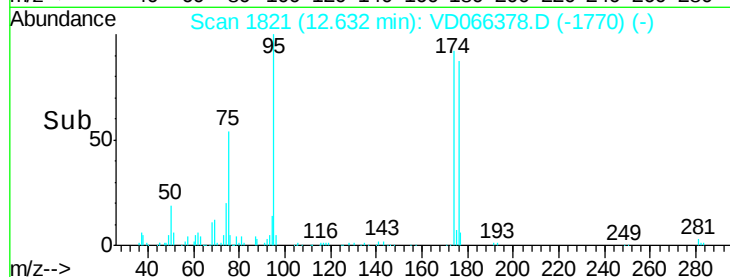
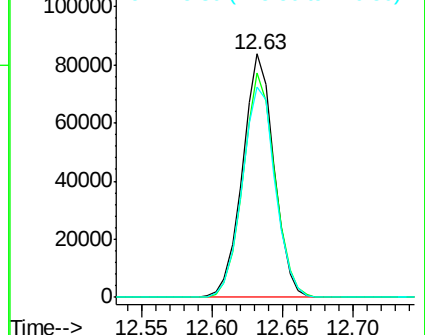
176 90.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066378.D

Acq: 24 Aug 2020 13:52

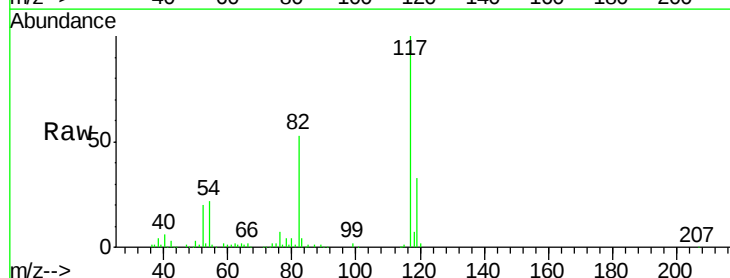
Tgt Ion: 117 Resp: 281329

Ion Ratio Lower Upper

117 100

82 52.6 42.8 64.2

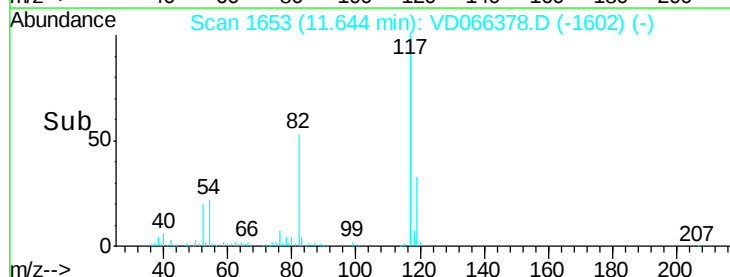
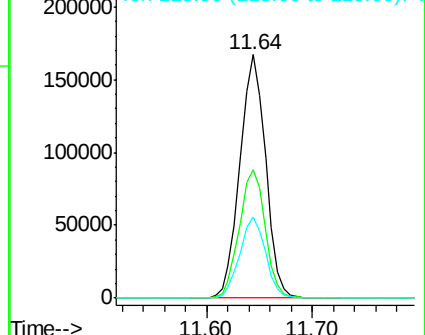
119 33.2 25.8 38.8

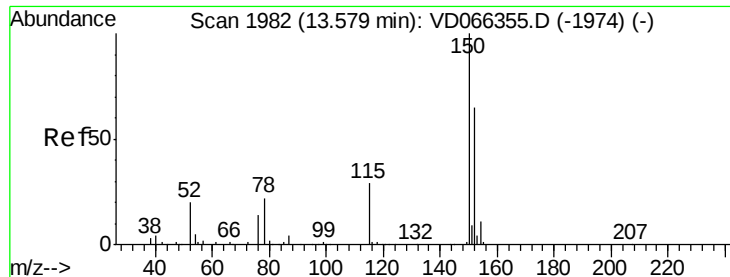


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066378.D

Acq: 24 Aug 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

EROC-BF-1E

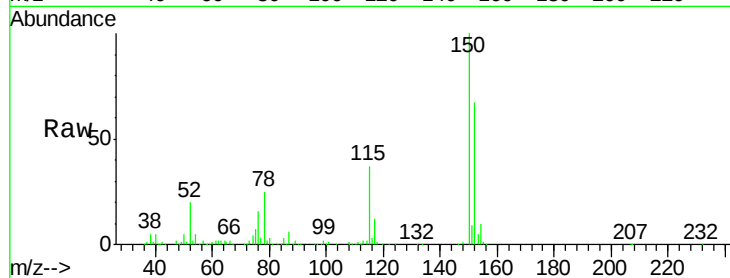
Tot Ion:152 Resp: 142950

Ion Ratio Lower Upper

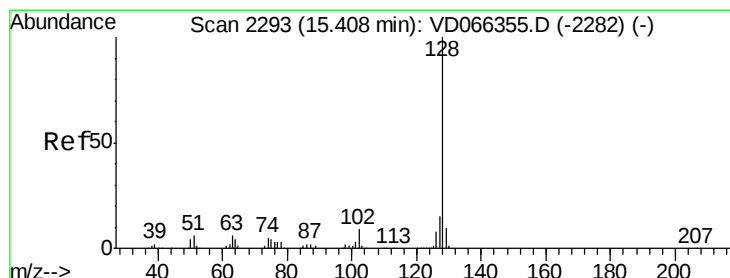
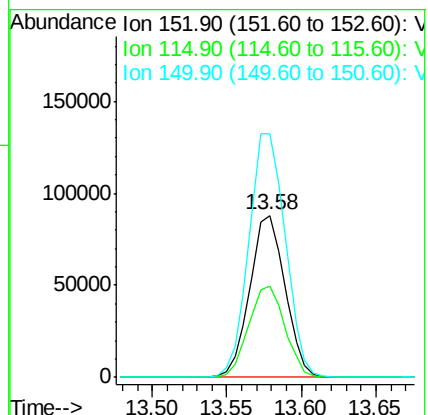
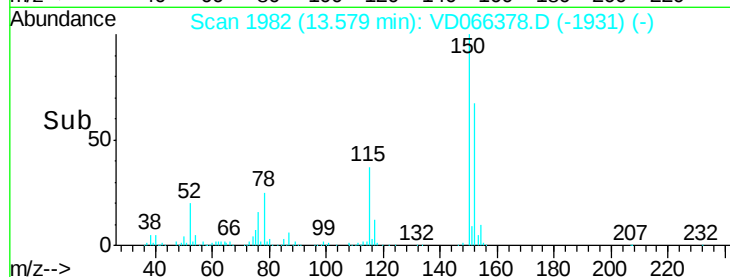
152 100

115 58.2 28.3 85.0

150 156.5 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 1.185 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066378.D

Acq: 24 Aug 2020 13:52

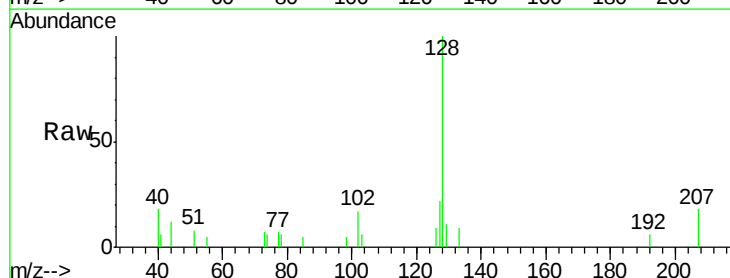
Tgt Ion:128 Resp: 5676

Ion Ratio Lower Upper

128 100

127 25.7 10.7 16.1#

129 11.7 8.6 12.8



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

