

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066377.D
 Acq On : 24 Aug 2020 13:24
 Operator : VA/SY
 Sample : L3734-04
 Misc : 5.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-BF-1C

Quant Time: Sep 02 07:18:29 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

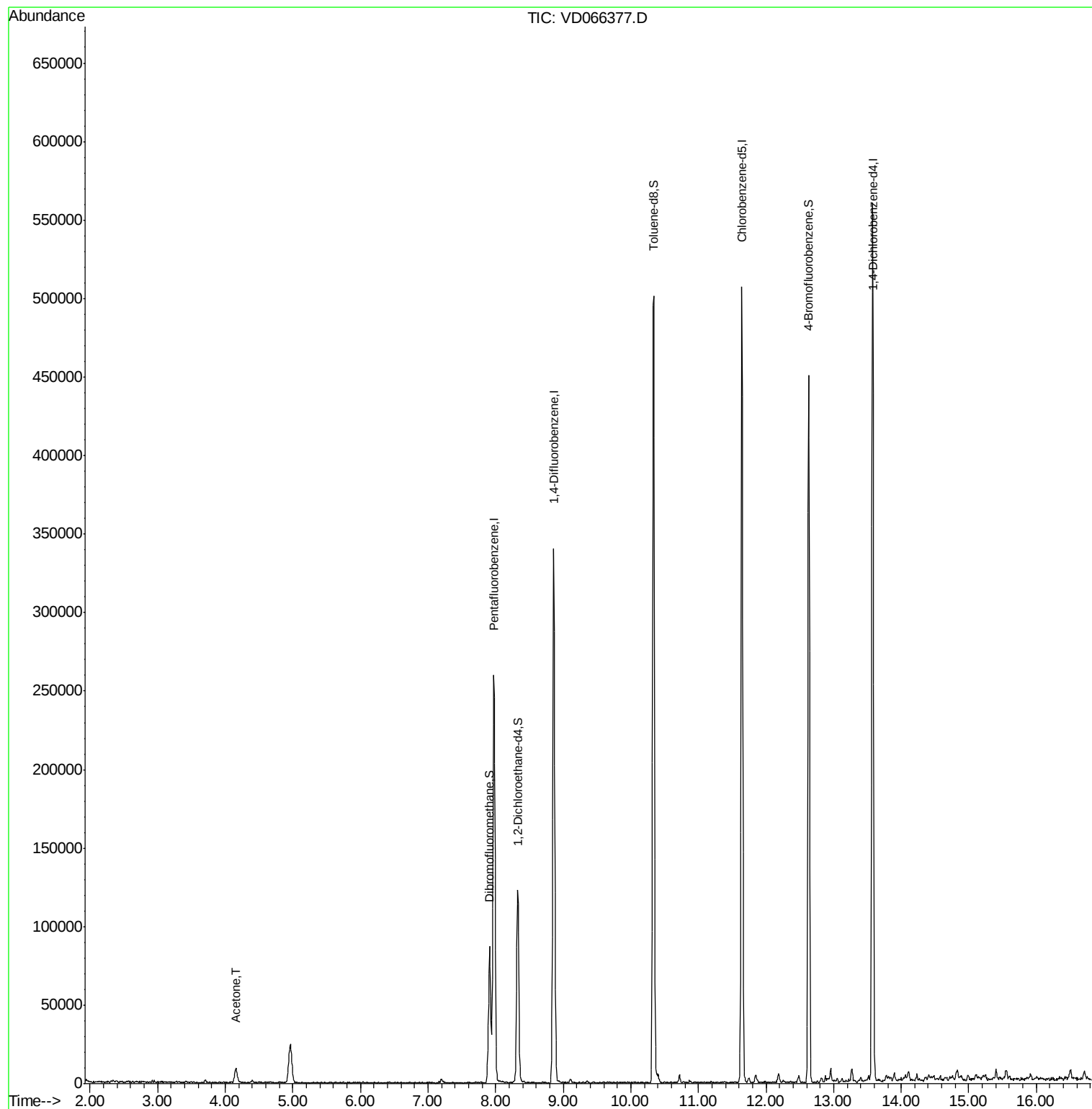
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	197387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	294726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	288442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	149394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	109192	56.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.84%	
35) Dibromofluoromethane	7.91	113	54291	29.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.92%	
50) Toluene-d8	10.34	98	344556	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.63	95	131696	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
Target Compounds						
16) Acetone	4.16	43	15363	44.035	ug/l #	Qvalue 84

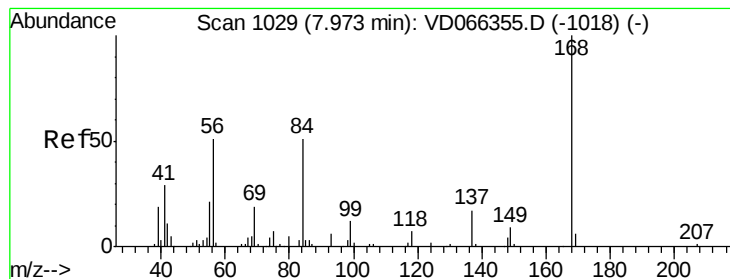
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066377.D

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ClientSampleId :

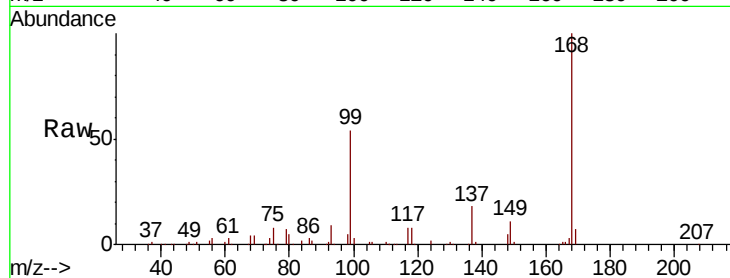
EROC-BF-1C

Tot Ion:168 Resp: 197387

Ion Ratio Lower Upper

168 100

99 53.4 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

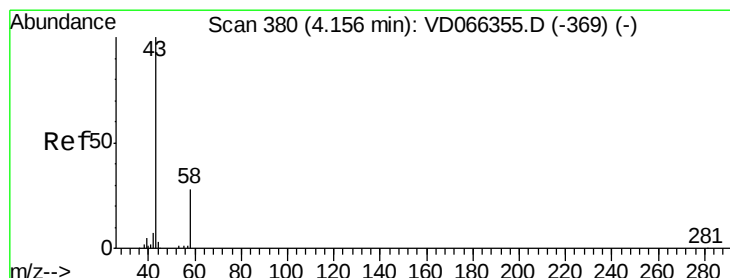
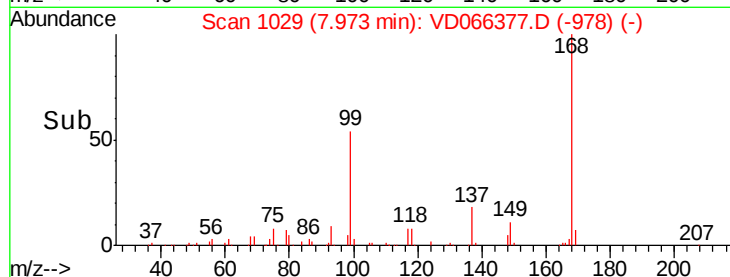
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 44.035 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066377.D

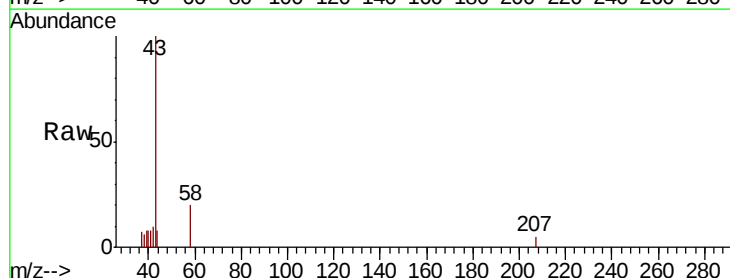
Acq: 24 Aug 2020 13:24

Tgt Ion: 43 Resp: 15363

Ion Ratio Lower Upper

43 100

58 20.0 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

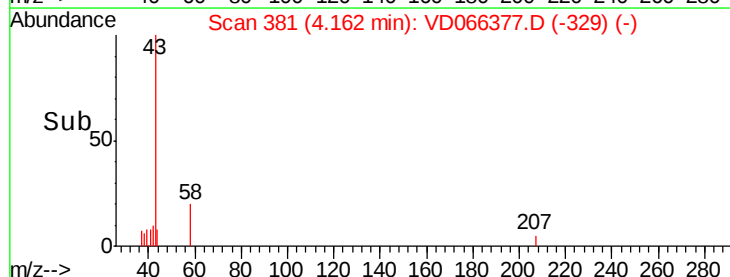
6000

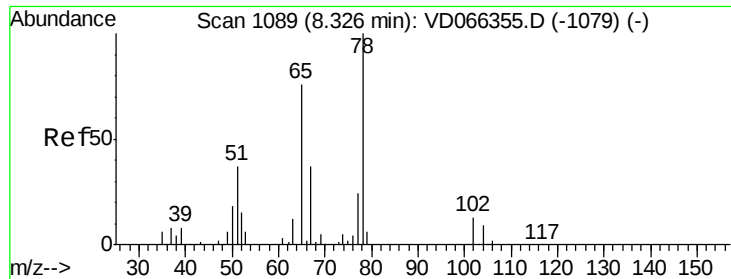
4000

2000

0

Time-->

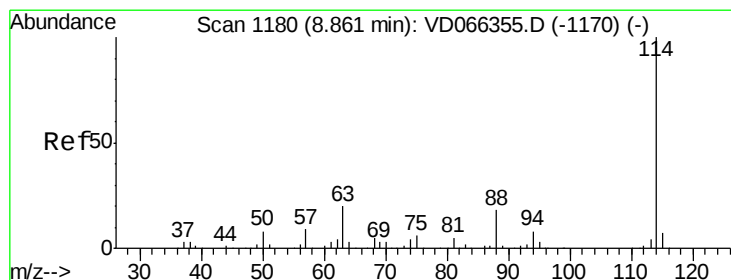
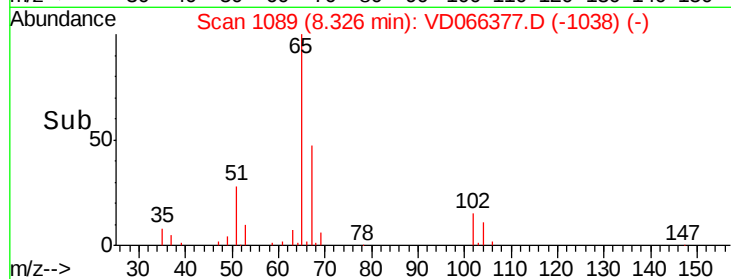
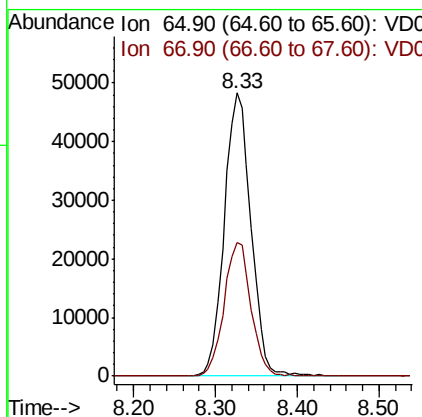
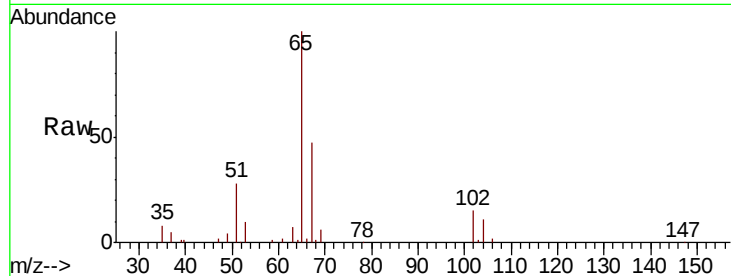




#33
 1,2-Dichloroethane-d4
 Concen: 56.425 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066377.D
 Acq: 24 Aug 2020 13:24

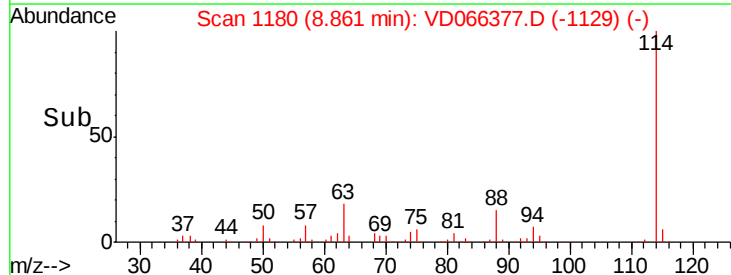
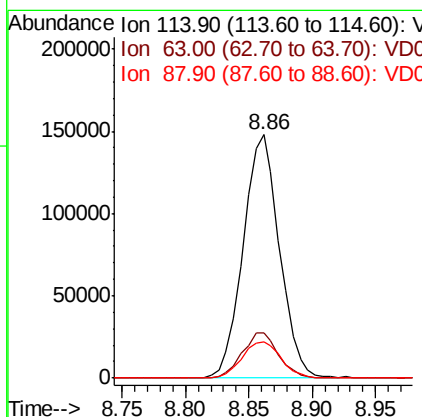
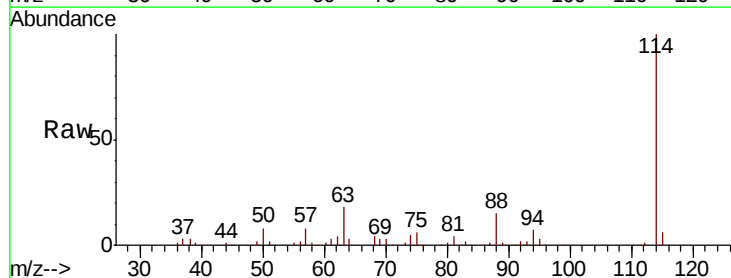
Instrument :
 MSVOA_D
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 EROC-BF-1C

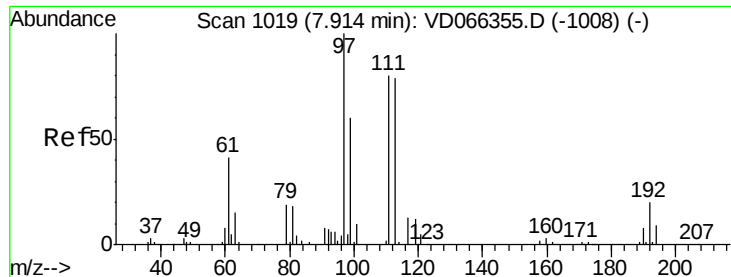
Tot Ion: 65 Resp: 109192
 Ion Ratio Lower Upper
 65 100
 67 47.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066377.D
 Acq: 24 Aug 2020 13:24

Tgt Ion: 114 Resp: 294726
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.8
 88 14.7 0.0 35.4

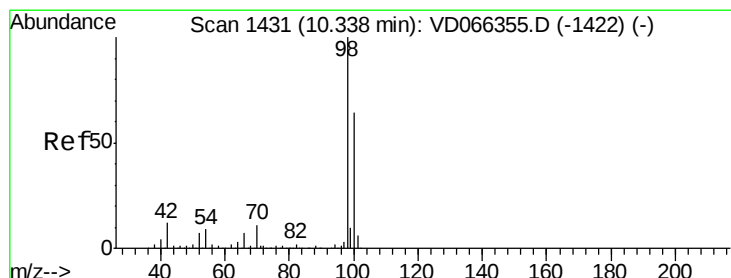
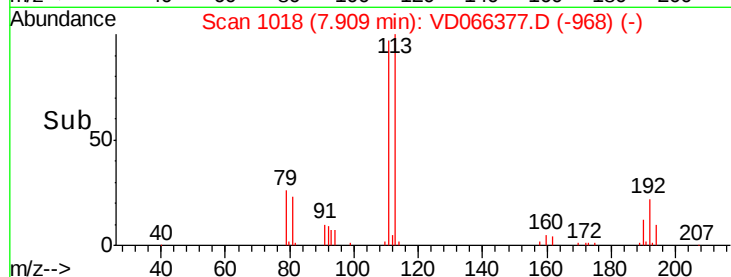
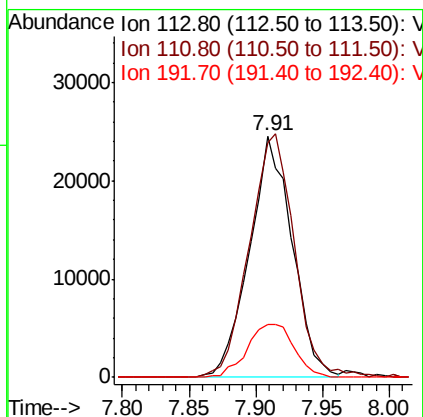
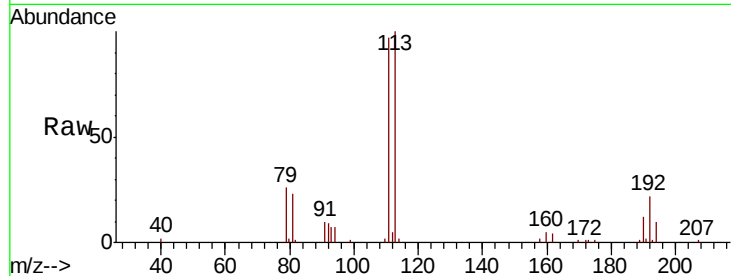




#35
 Dibromofluoromethane
 Concen: 29.459 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066377.D
 Acq: 24 Aug 2020 13:24

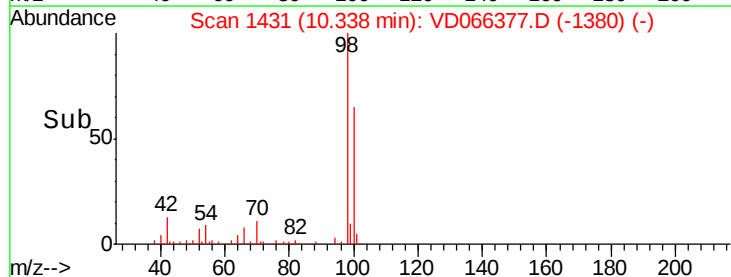
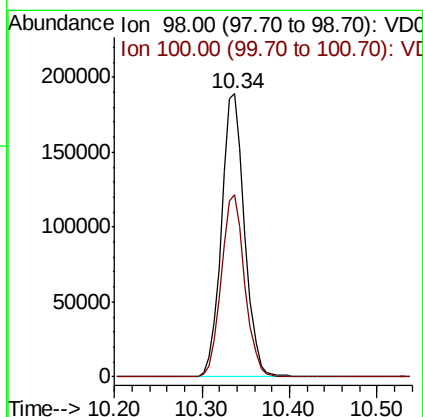
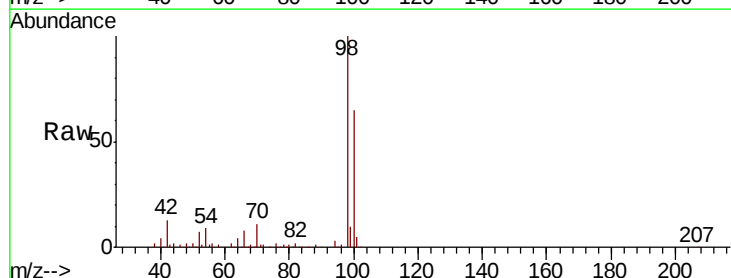
Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-BF-1C

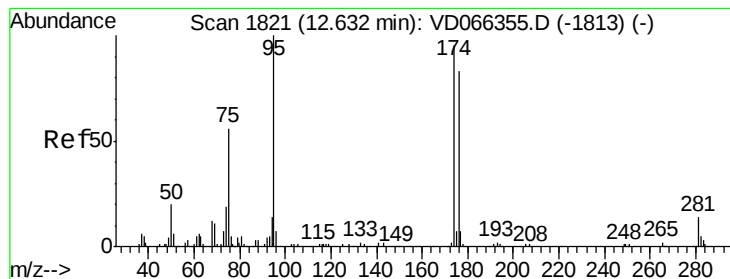
Tot Ion:113 Resp: 54291
 Ion Ratio Lower Upper
 113 100
 111 106.2 80.3 120.5
 192 24.1 19.0 28.6



#50
 Toluene-d8
 Concen: 51.098 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066377.D
 Acq: 24 Aug 2020 13:24

Tgt Ion: 98 Resp: 344556
 Ion Ratio Lower Upper
 98 100
 100 65.1 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 55.040 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066377.D

Acq: 24 Aug 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

EROC-BF-1C

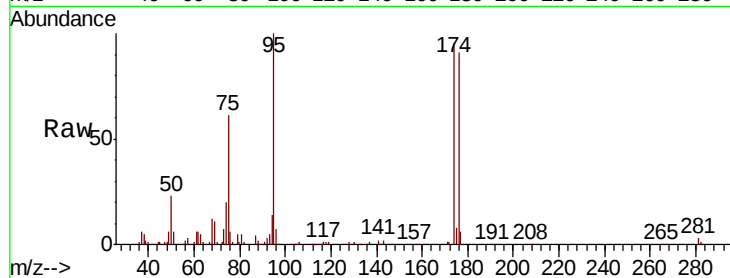
Tot Ion: 95 Resp: 131696

Ion Ratio Lower Upper

95 100

174 94.4 0.0 183.4

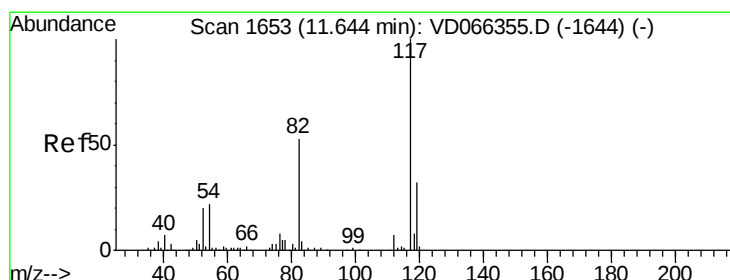
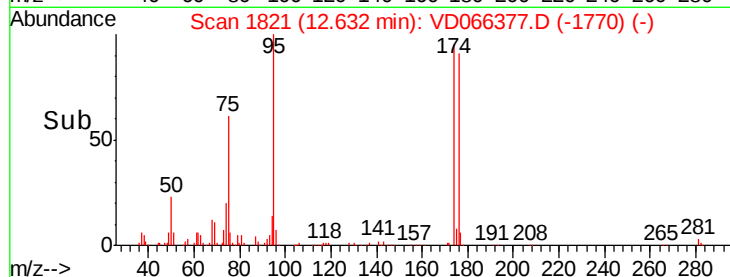
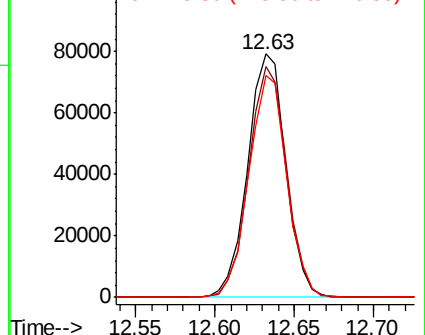
176 91.1 0.0 173.8



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: VD066377.D

Acq: 24 Aug 2020 13:24

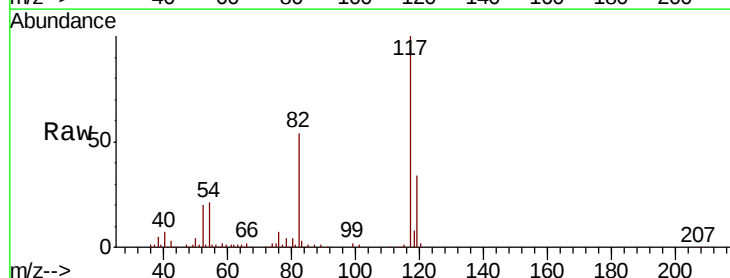
Tgt Ion: 117 Resp: 288442

Ion Ratio Lower Upper

117 100

82 54.4 42.8 64.2

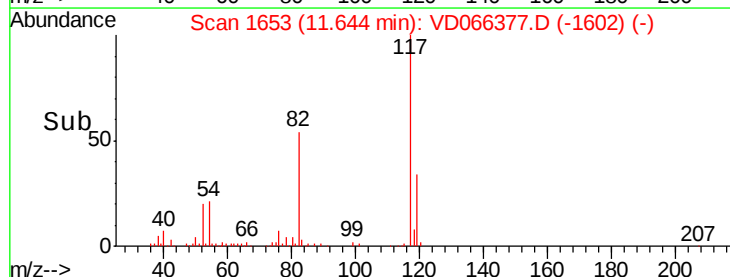
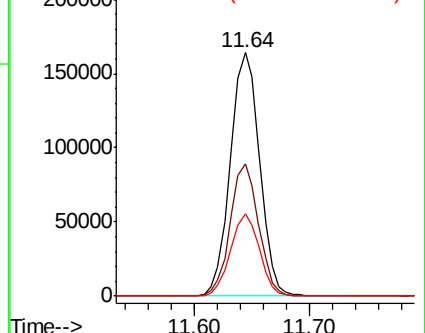
119 33.9 25.8 38.8

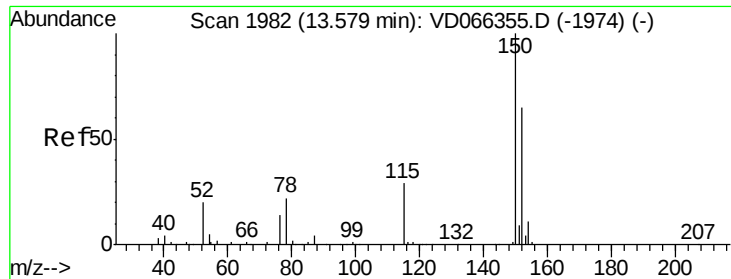


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066377.D

Acq: 24 Aug 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

EROC-BF-1C

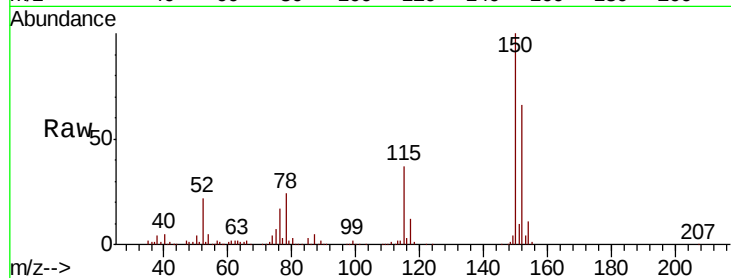
Tot Ion:152 Resp: 149394

Ion Ratio Lower Upper

152 100

115 57.7 28.3 85.0

150 156.1 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

