

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033123\
 Data File : VY013162.D
 Acq On : 31 Mar 2023 16:06
 Operator : KP/MD
 Sample : 02154-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-SECTION-CURB

Quant Time: Apr 01 00:08:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	97135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	159109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58786	56.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.620%
35) Dibromofluoromethane	7.716	113	46902	45.124	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.240%
50) Toluene-d8	10.179	98	190268	48.489	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.483	95	59579	46.647	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.300%

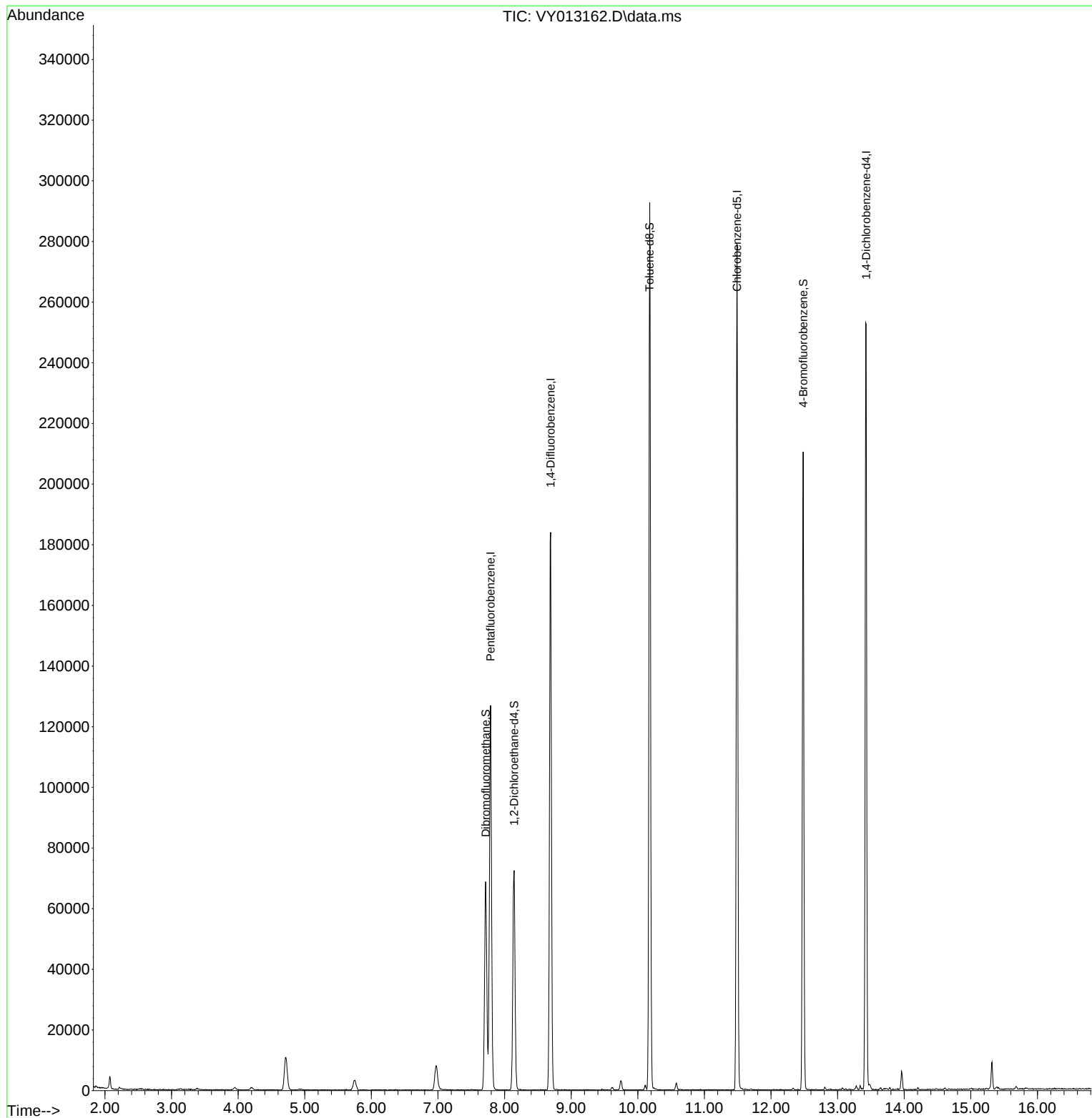
Target Compounds	Qvalue

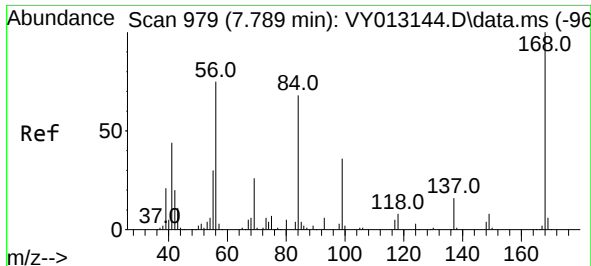
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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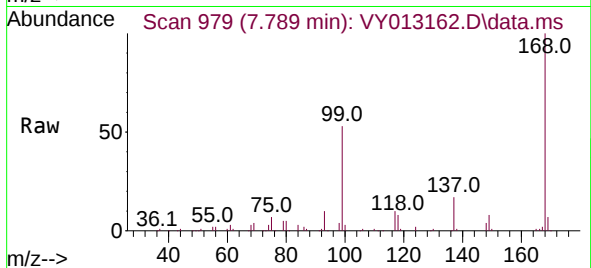
Quant Time: Apr 01 00:08:25 2023
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Quant Title : SW846 8260
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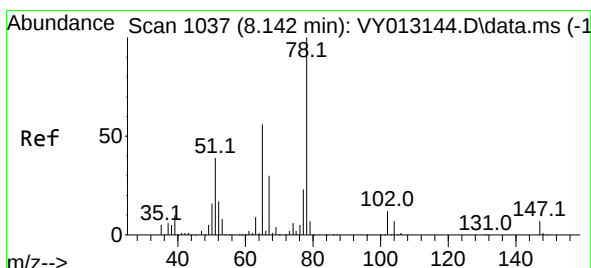
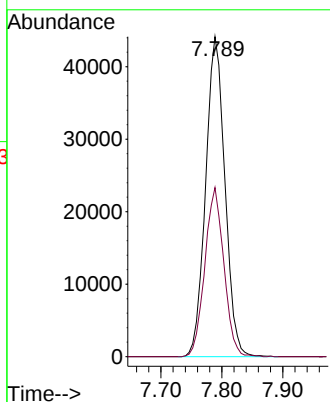
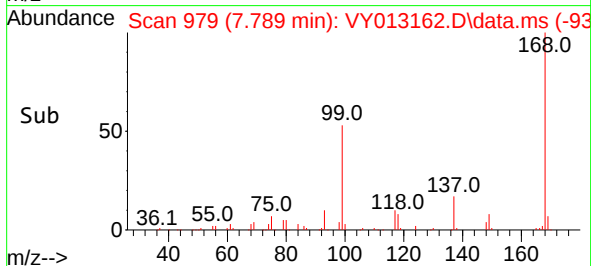


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-SECTION-CURB

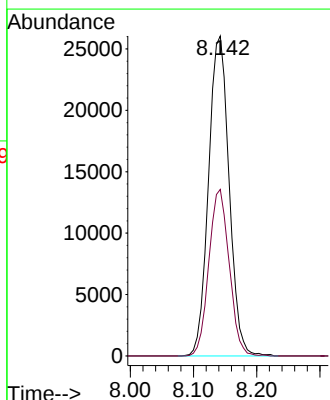
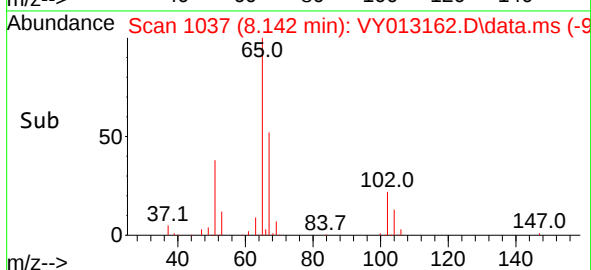
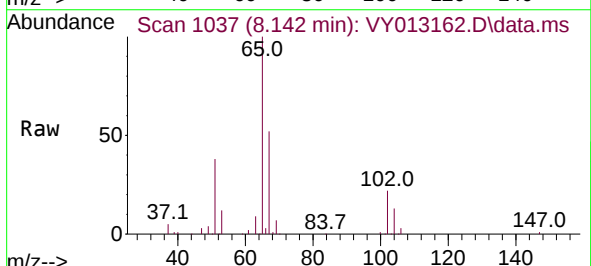


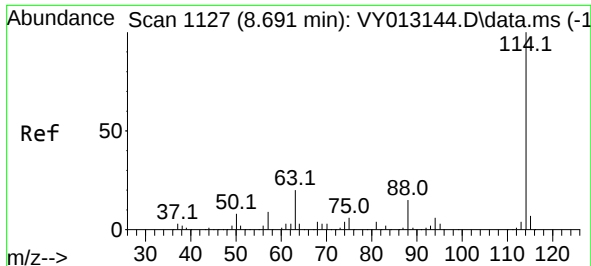
Tgt Ion:168 Resp: 97135
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 56.314 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

Tgt Ion: 65 Resp: 58786
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

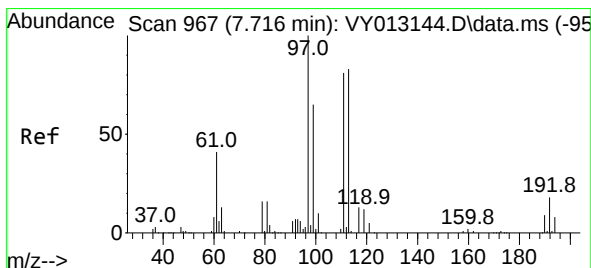
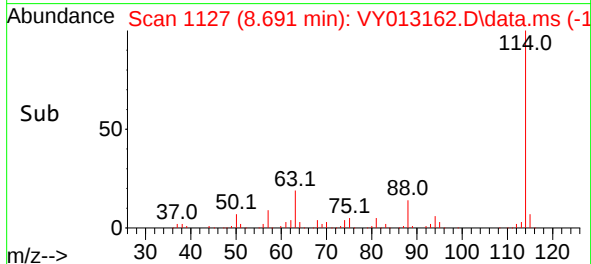
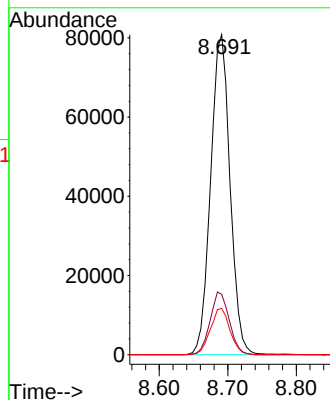
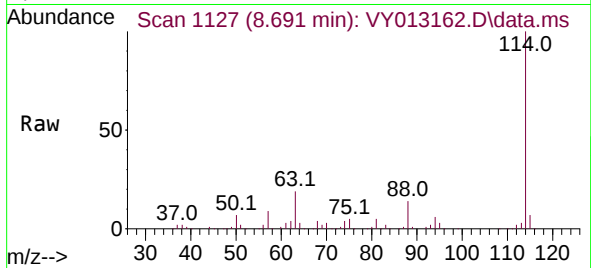




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

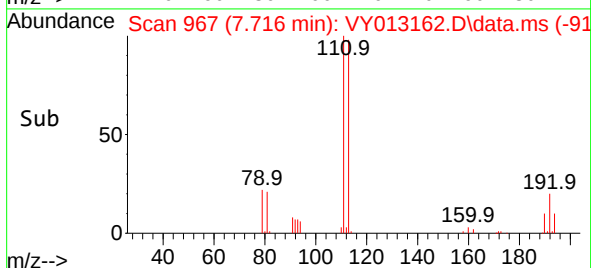
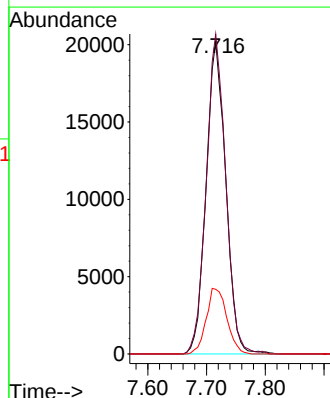
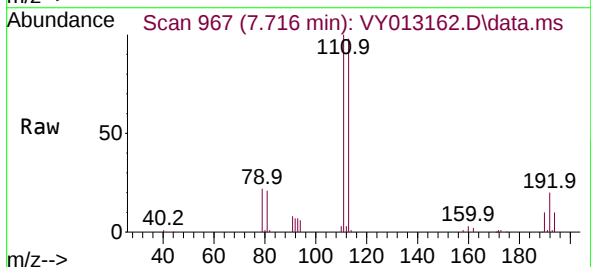
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-SECTION-CURB

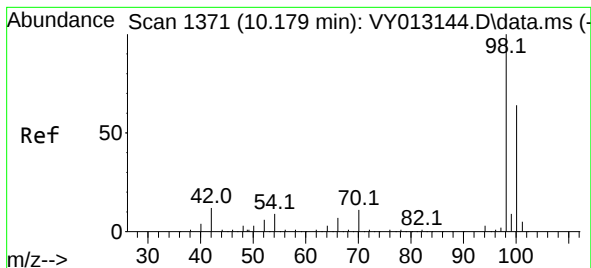
Tgt Ion:114 Resp: 159109
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 14.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 45.124 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

Tgt Ion:113 Resp: 46902
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 22.1 16.8 25.2

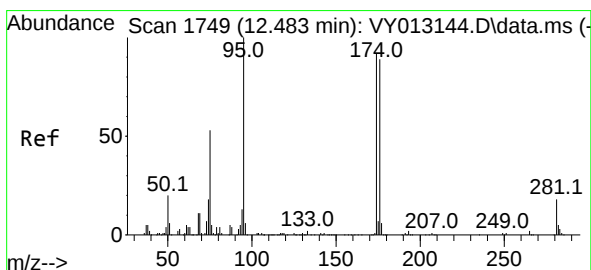
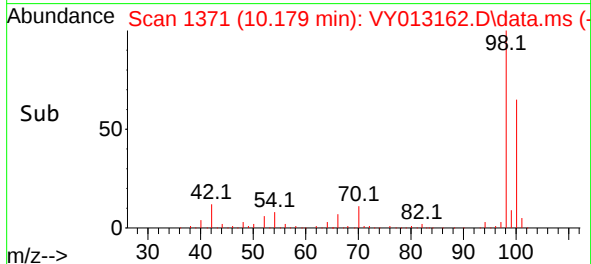
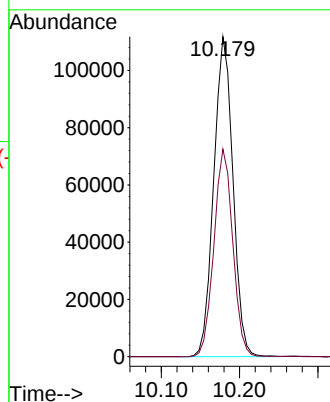
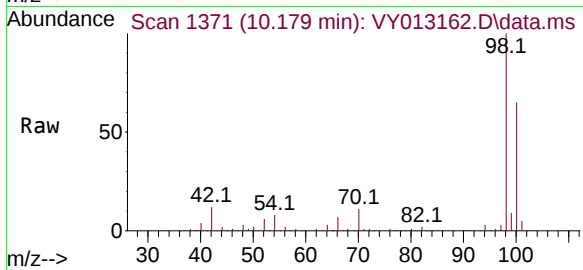




#50
Toluene-d8
Concen: 48.489 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

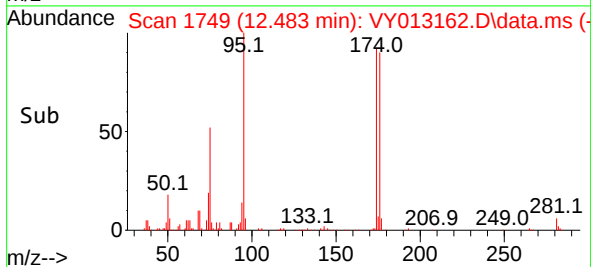
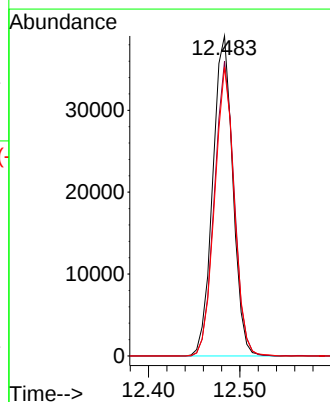
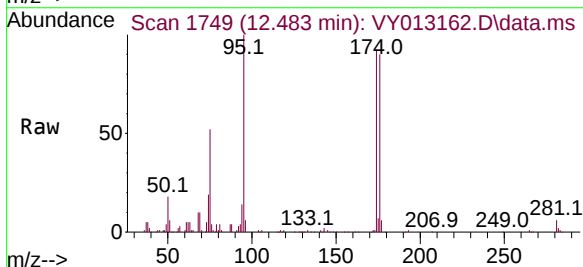
Instrument :
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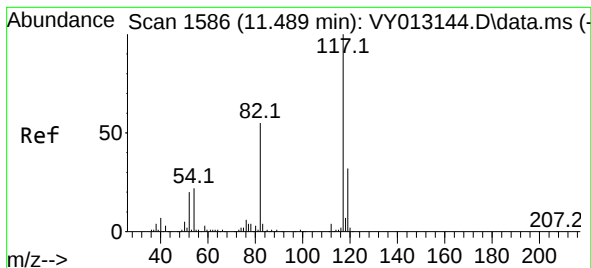
Tgt Ion: 98 Resp: 190268
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.647 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013162.D
Acq: 31 Mar 2023 16:06

Tgt Ion: 95 Resp: 59579
Ion Ratio Lower Upper
95 100
174 90.7 0.0 176.6
176 88.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013162.D

Acq: 31 Mar 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-SECTION-CURB

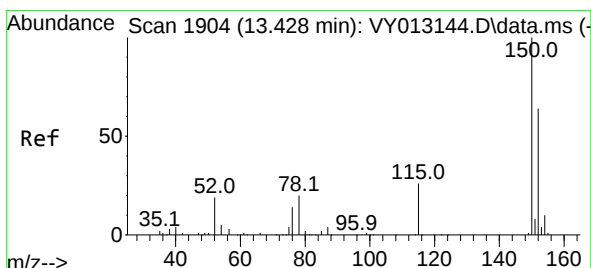
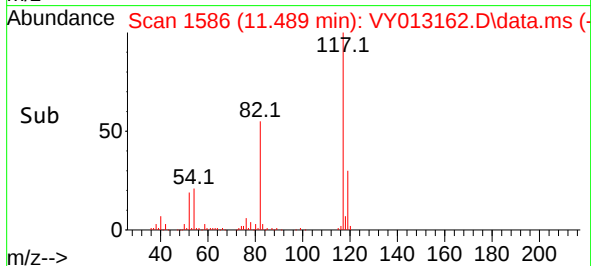
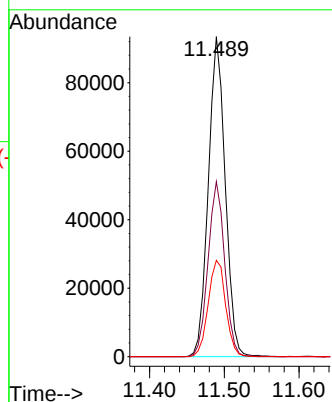
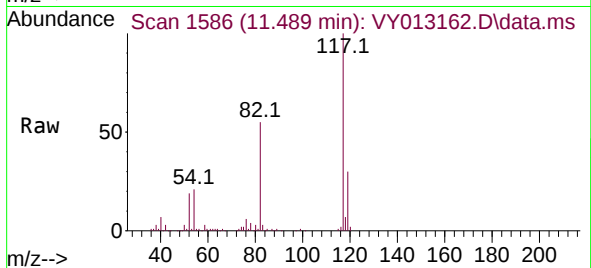
Tgt Ion:117 Resp: 146530

Ion Ratio Lower Upper

117 100

82 54.7 45.4 68.0

119 30.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013162.D

Acq: 31 Mar 2023 16:06

Tgt Ion:152 Resp: 68737

Ion Ratio Lower Upper

152 100

115 54.9 27.1 81.3

150 156.6 0.0 347.8

