

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015288.D
 Acq On : 23 Aug 2023 18:09
 Operator : SY/MD
 Sample : 04103-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-082123

Quant Time: Aug 24 02:34:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

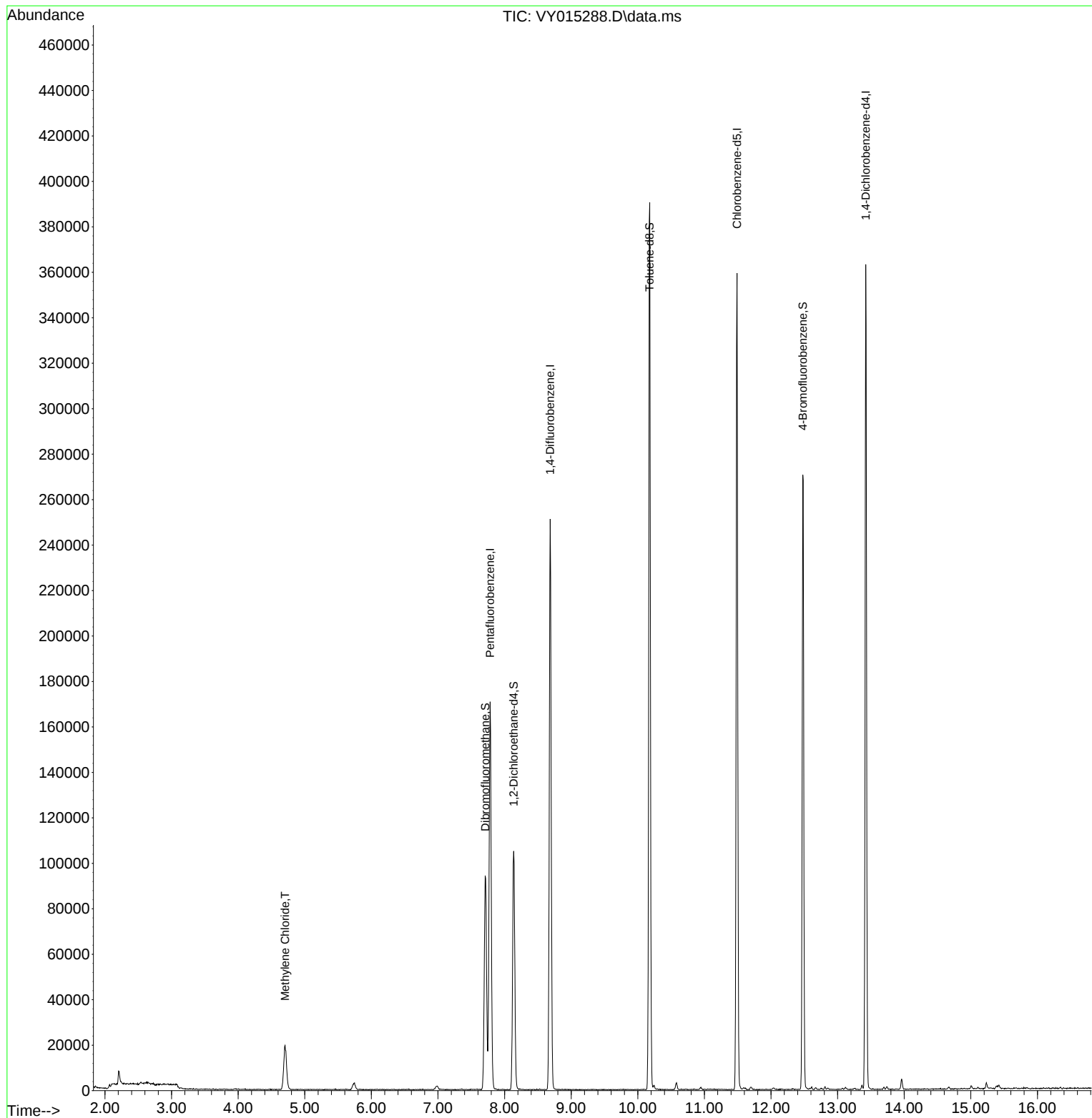
Internal Standards						
1) Pentafluorobenzene	7.783	168	130316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	213728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84821	54.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.440%	
35) Dibromofluoromethane	7.710	113	67504	49.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.180%	
50) Toluene-d8	10.179	98	253505	49.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	12.477	95	82363	44.056	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.120%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	14596	8.310	ug/l #	83

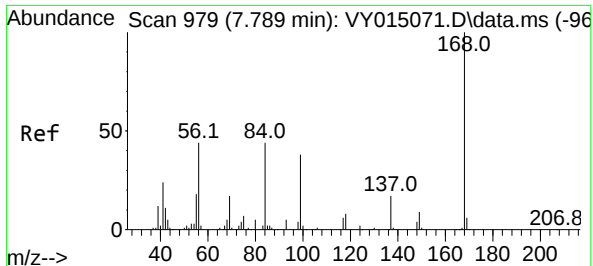
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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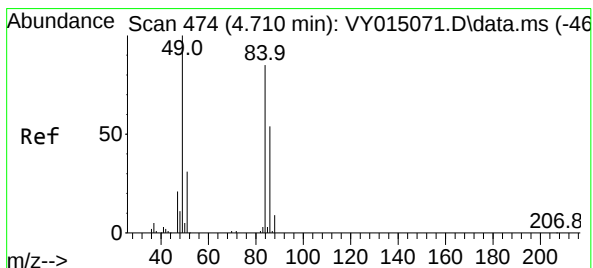
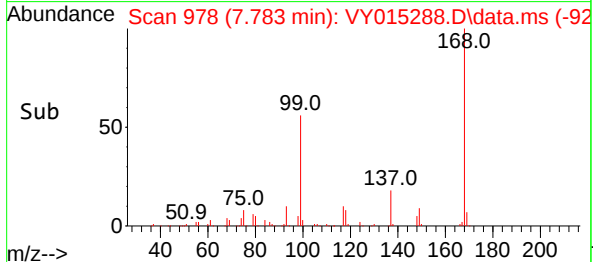
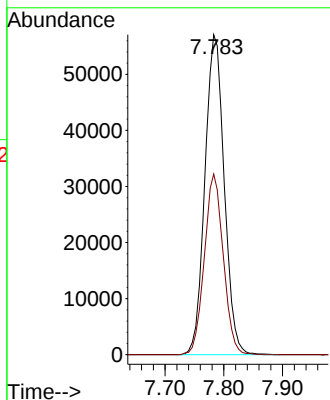
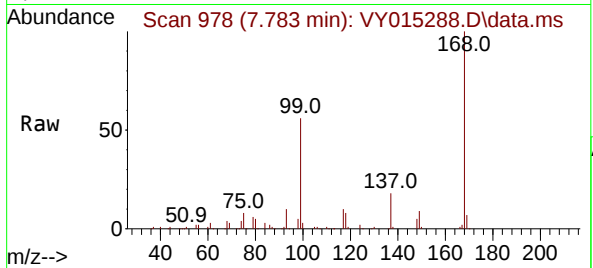




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015288.D
Acq: 23 Aug 2023 18:09

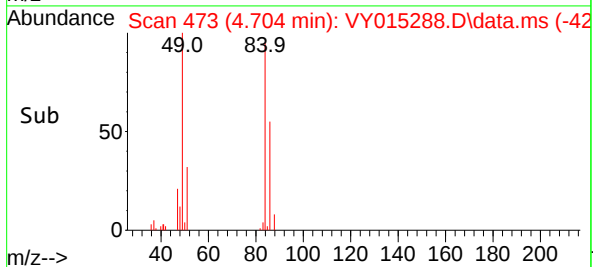
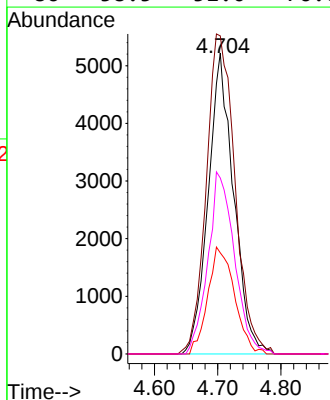
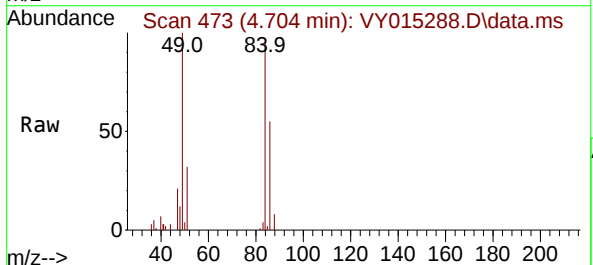
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-082123

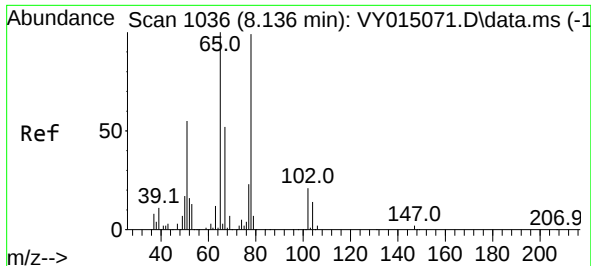
Tgt Ion:168 Resp: 130316
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#20
Methylene Chloride
Concen: 8.310 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015288.D
Acq: 23 Aug 2023 18:09

Tgt Ion: 84 Resp: 14596
Ion Ratio Lower Upper
84 100
49 105.7 106.9 160.3#
51 33.6 33.2 49.8
86 58.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.222 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015288.D

Acq: 23 Aug 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

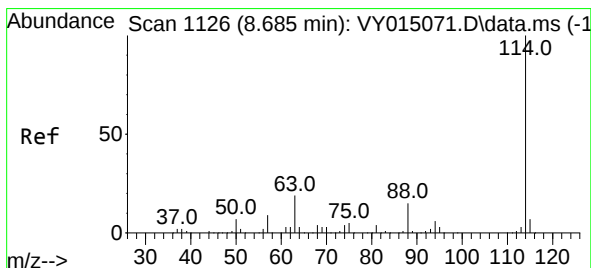
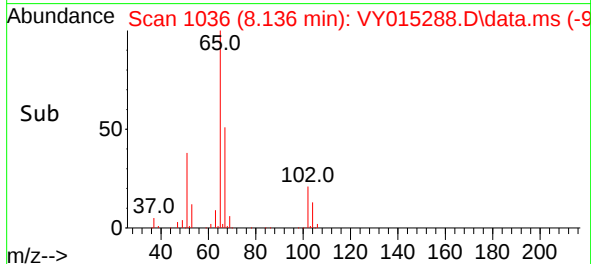
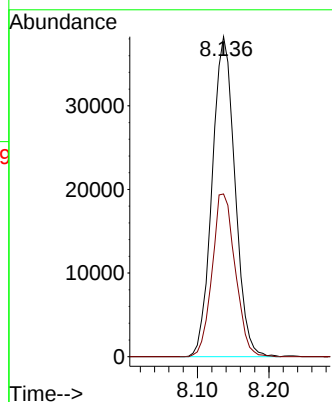
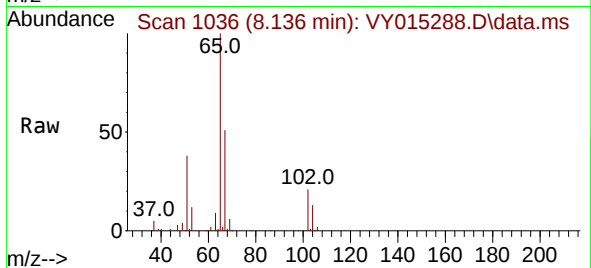
OR-2-082123

Tgt Ion: 65 Resp: 84821

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015288.D

Acq: 23 Aug 2023 18:09

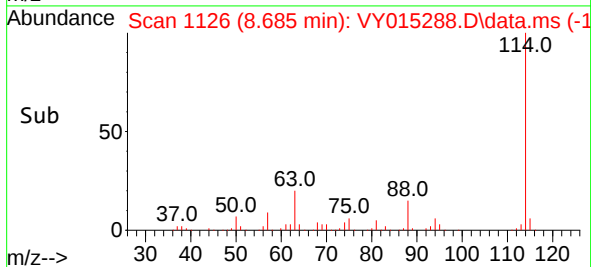
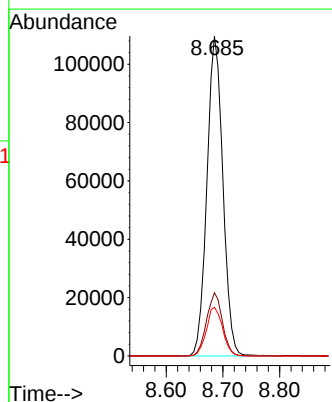
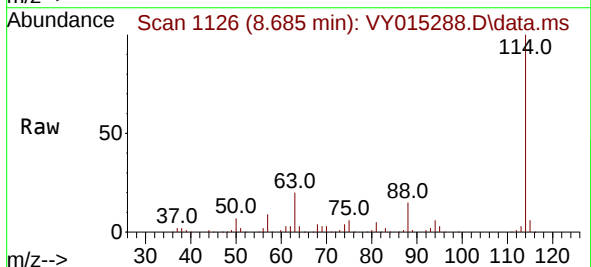
Tgt Ion: 114 Resp: 213728

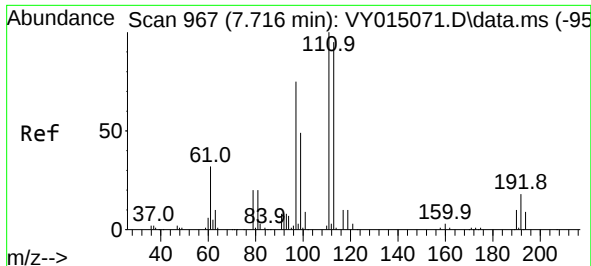
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.094 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY015288.D

Acq: 23 Aug 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-082123

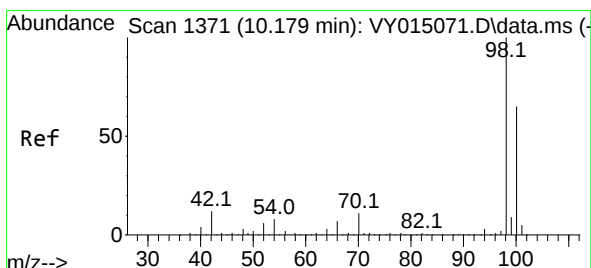
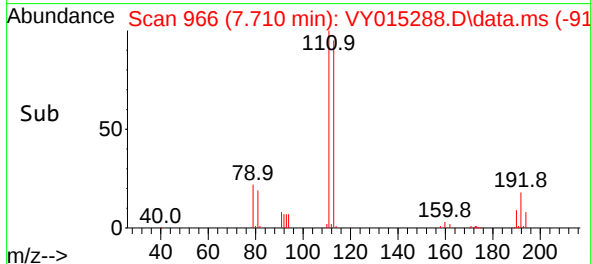
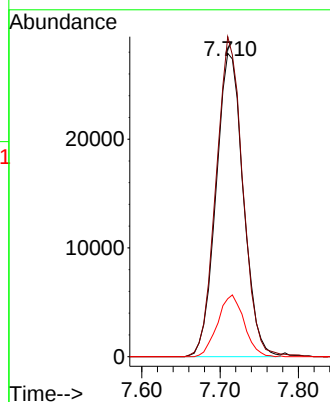
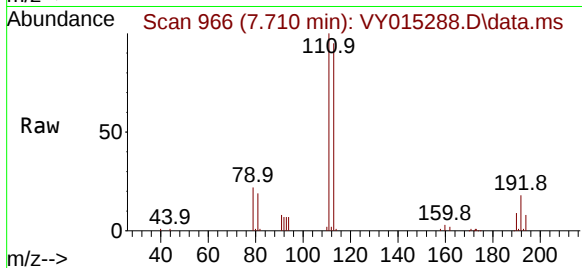
Tgt Ion:113 Resp: 67504

Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

192 19.8 16.9 25.3



#50

Toluene-d8

Concen: 49.527 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015288.D

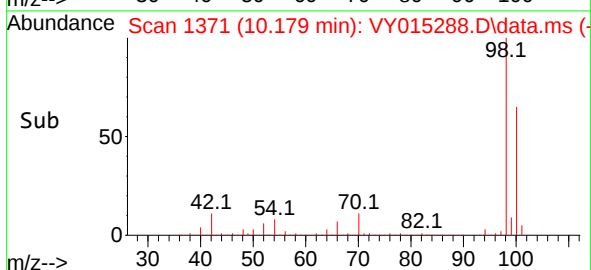
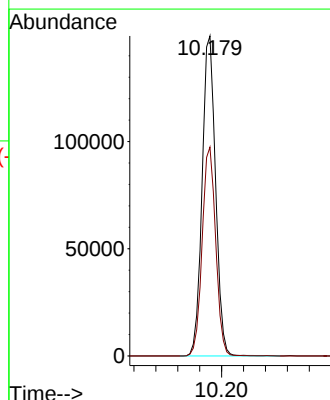
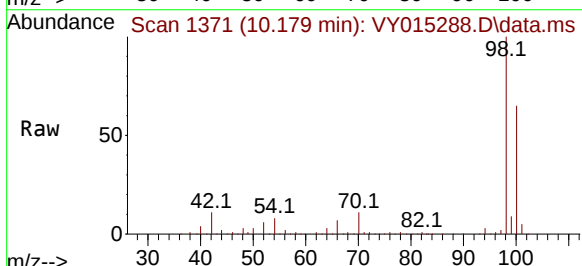
Acq: 23 Aug 2023 18:09

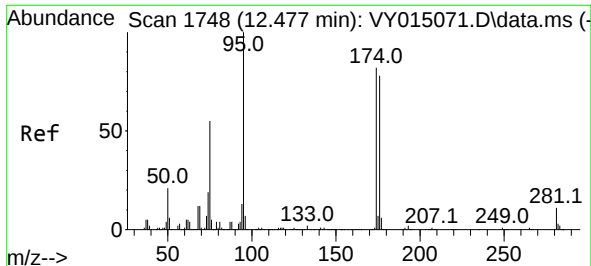
Tgt Ion: 98 Resp: 253505

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 44.056 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015288.D

Acq: 23 Aug 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-082123

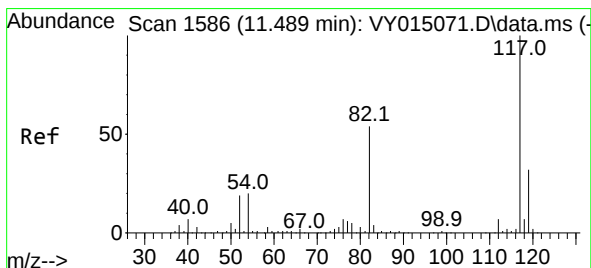
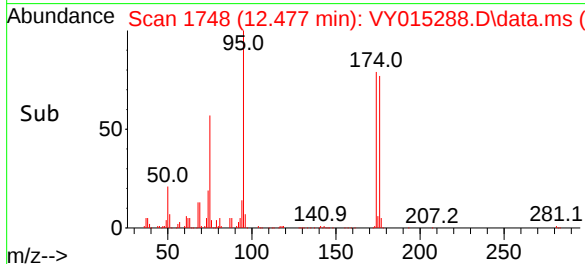
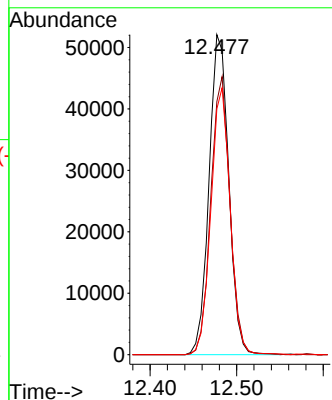
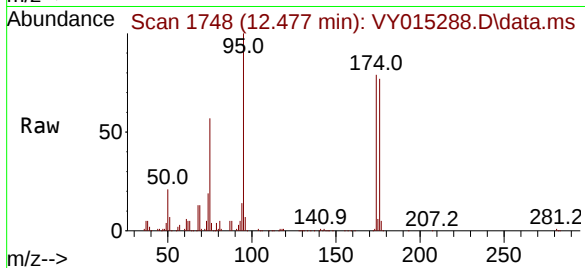
Tgt Ion: 95 Resp: 82363

Ion Ratio Lower Upper

95 100

174 84.2 0.0 178.2

176 81.7 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY015288.D

Acq: 23 Aug 2023 18:09

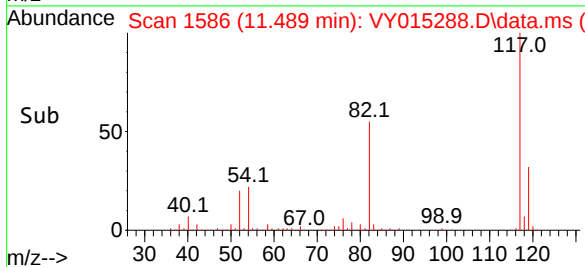
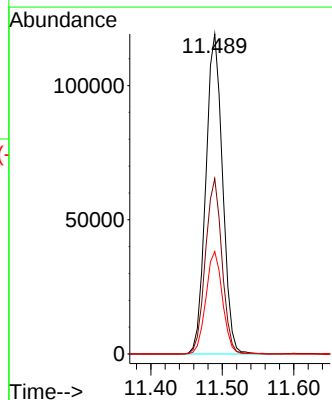
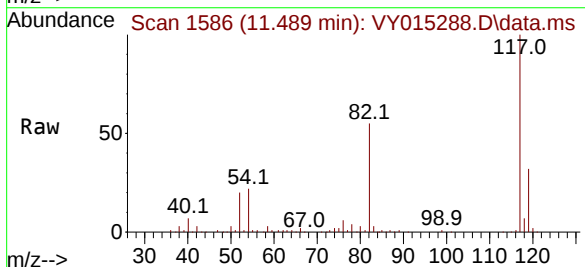
Tgt Ion: 117 Resp: 193740

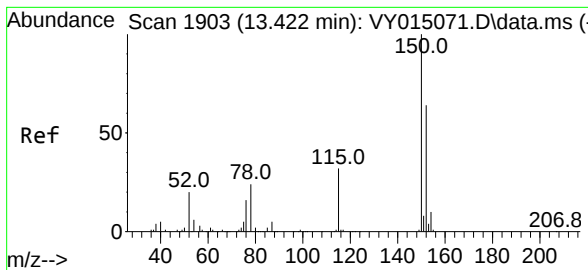
Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

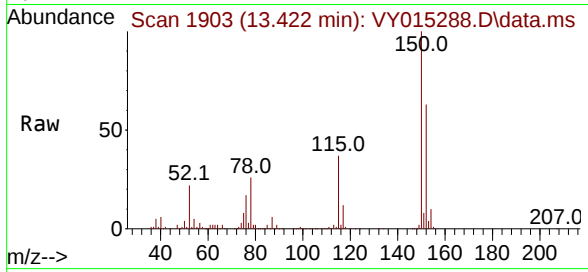
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015288.D
 Acq: 23 Aug 2023 18:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-082123



Tgt Ion:	152	Resp:	90033
Ion Ratio	Lower	Upper	
152	100		
115	59.0	28.8	86.5
150	159.7	0.0	348.8

