

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015337.D
 Acq On : 25 Aug 2023 13:06
 Operator : SY/MD
 Sample : 04091-16
 Misc : 3.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-G

Quant Time: Aug 25 13:46:00 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)

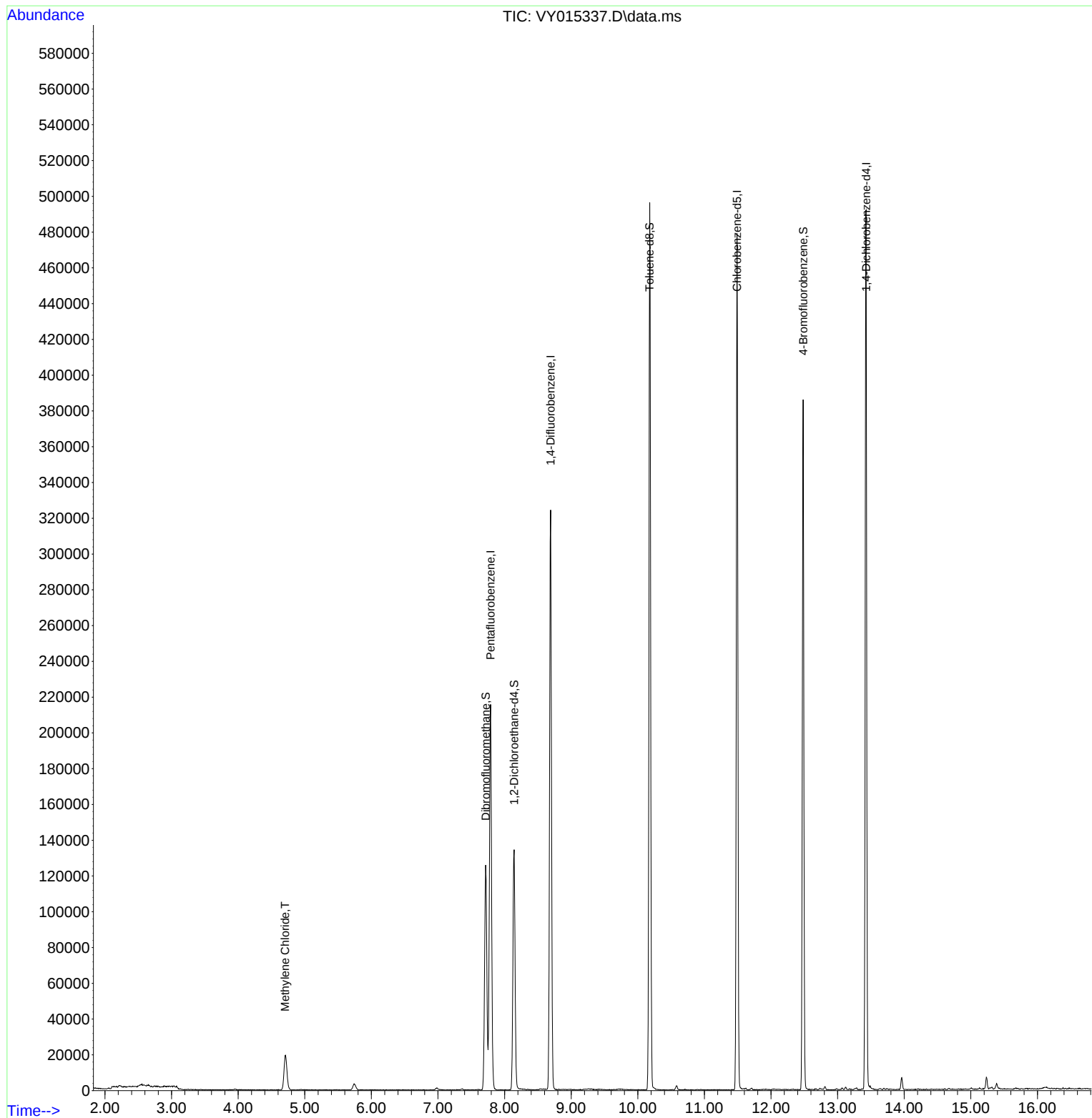
Internal Standards						
1) Pentafluorobenzene	7.789	168	166902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	107857	53.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.660%
35) Dibromofluoromethane	7.716	113	87694	48.782	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.179	98	322696	48.222	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.483	95	115006	47.052	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.100%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	15205	5.877	ug/l	87

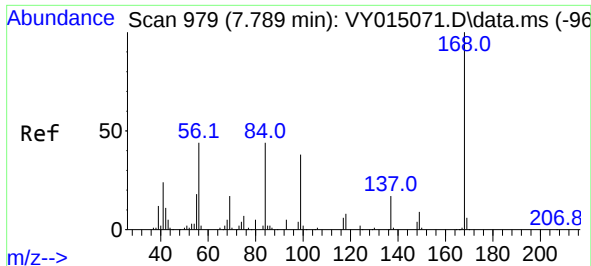
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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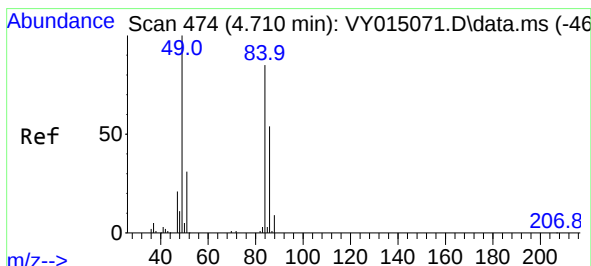
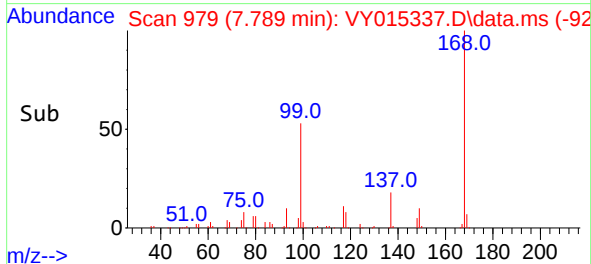
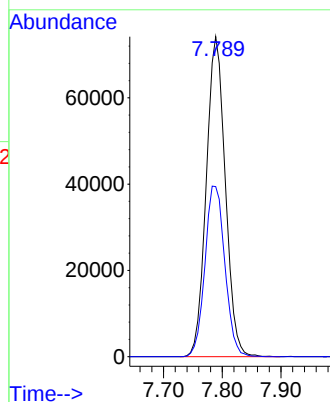
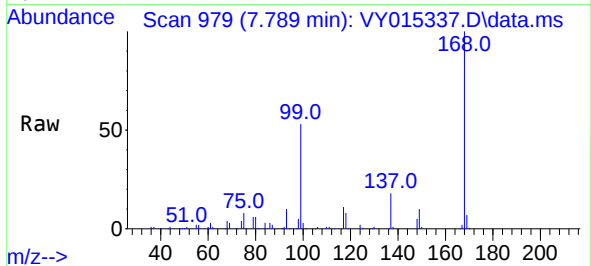




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015337.D
Acq: 25 Aug 2023 13:06

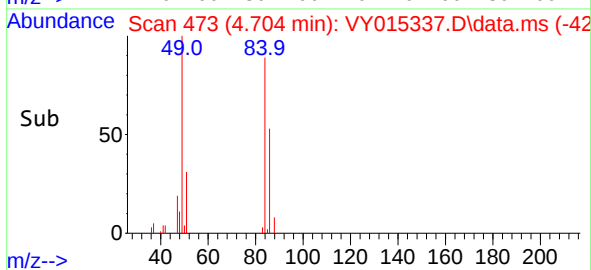
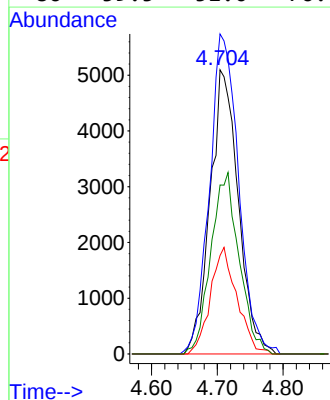
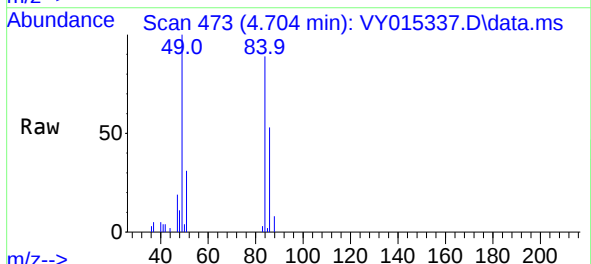
Instrument :
MSVOA_Y
ClientSampleId :
TP-G

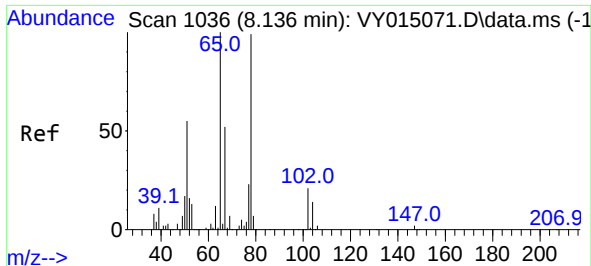
Tgt Ion:168 Resp: 166902
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#20
Methylene Chloride
Concen: 5.877 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015337.D
Acq: 25 Aug 2023 13:06

Tgt Ion: 84 Resp: 15205
Ion Ratio Lower Upper
84 100
49 112.6 106.9 160.3
51 34.6 33.2 49.8
86 59.5 51.0 76.6

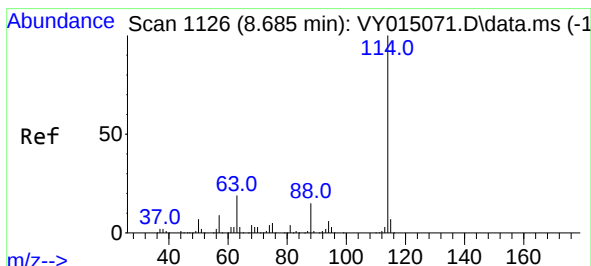
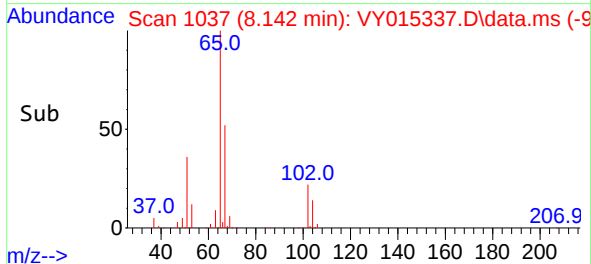
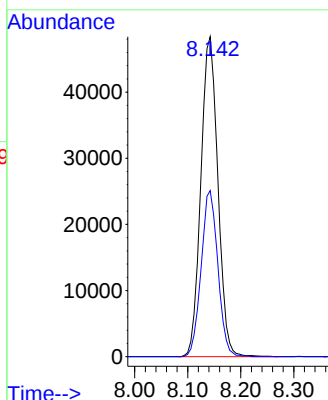
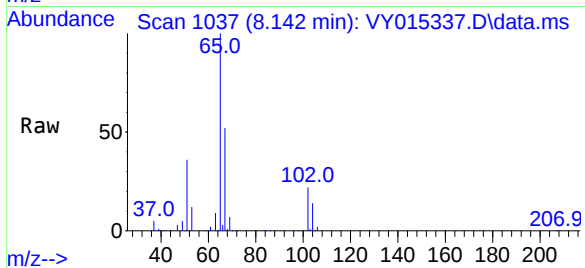




#33
1,2-Dichloroethane-d4
Concen: 53.834 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015337.D
Acq: 25 Aug 2023 13:06

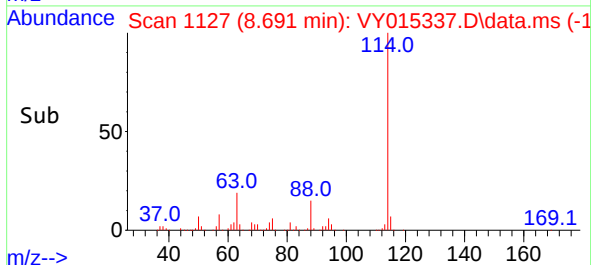
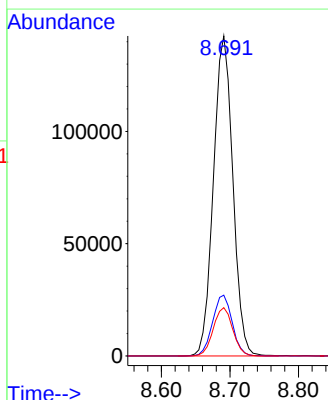
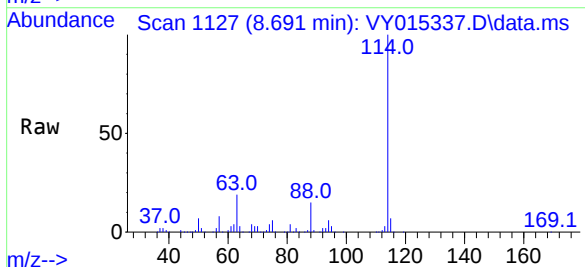
Instrument :
MSVOA_Y
ClientSampleId :
TP-G

Tgt Ion: 65 Resp: 107857
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015337.D
Acq: 25 Aug 2023 13:06

Tgt Ion: 114 Resp: 279429
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.1 0.0 30.6

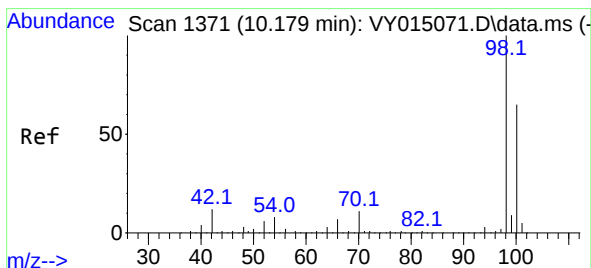
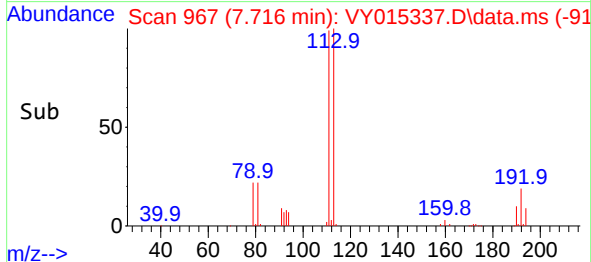
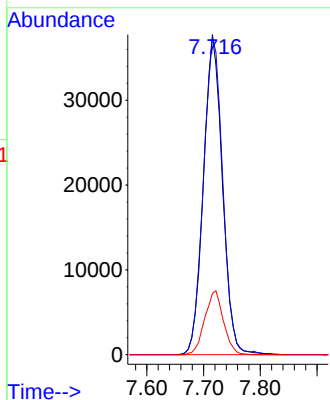
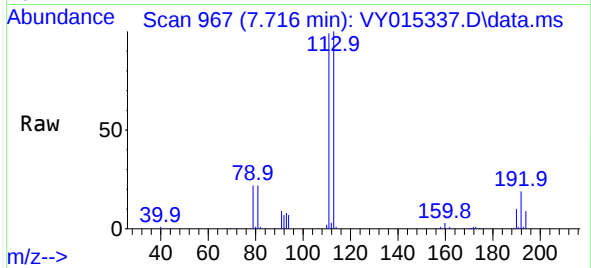




#35
Dibromofluoromethane
Concen: 48.782 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015337.D
Acq: 25 Aug 2023 13:06

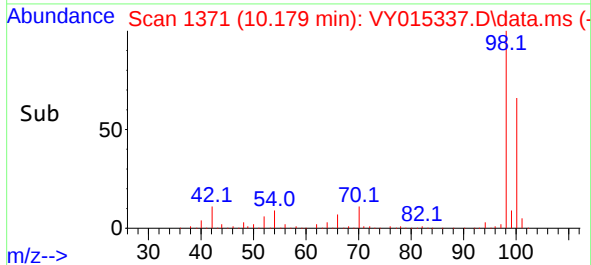
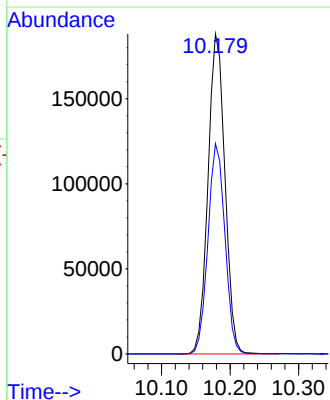
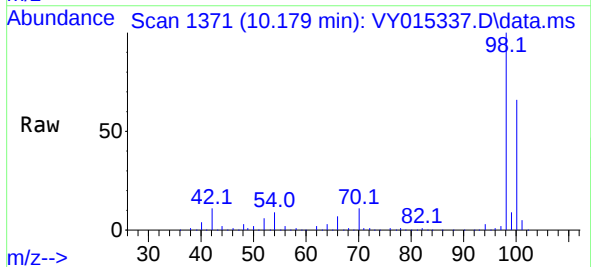
Instrument :
MSVOA_Y
ClientSampleId :
TP-G

Tgt Ion:113 Resp: 87694
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 48.222 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015337.D
Acq: 25 Aug 2023 13:06

Tgt Ion: 98 Resp: 322696
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

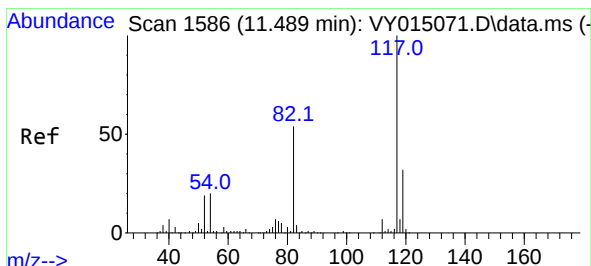
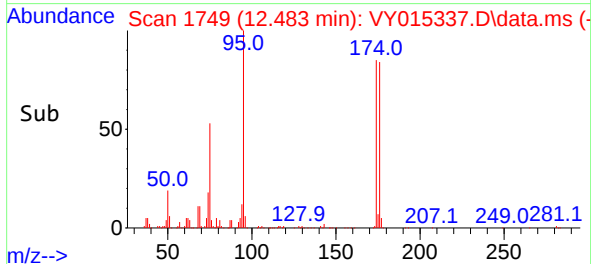
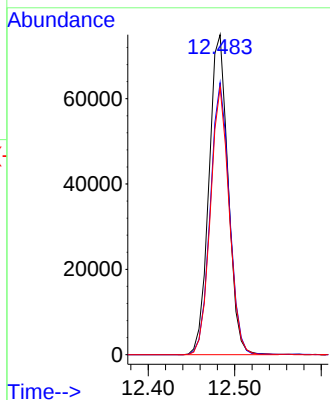
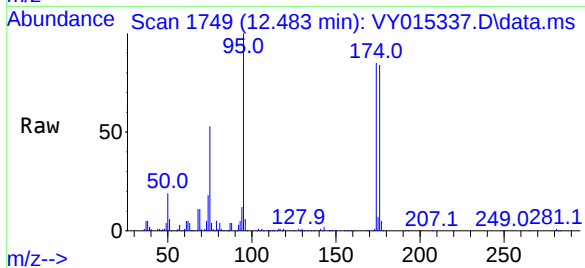




#62
4-Bromofluorobenzene
Concen: 47.052 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015337.D
Acq: 25 Aug 2023 13:06

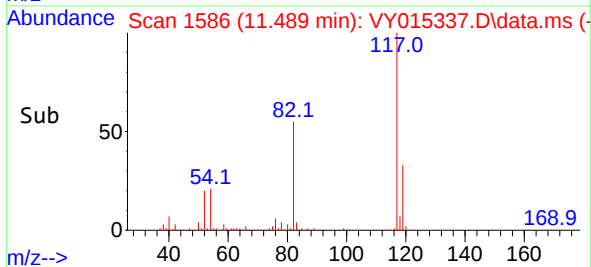
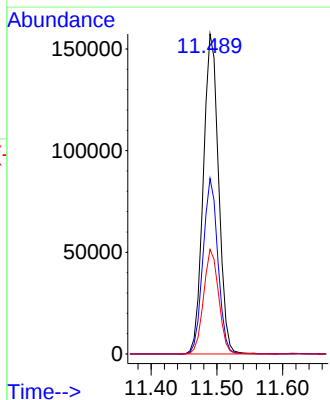
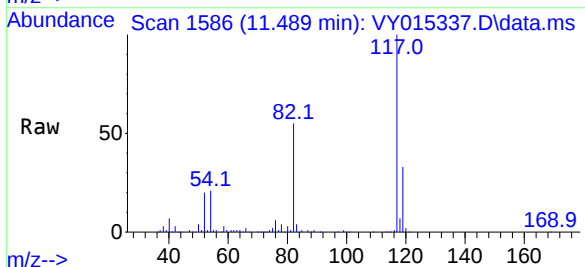
Instrument :
MSVOA_Y
ClientSampleId :
TP-G

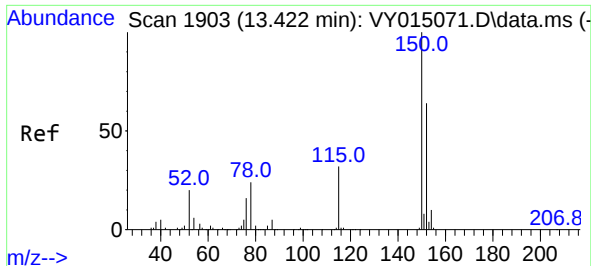
Tgt Ion: 95 Resp: 115006
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015337.D
Acq: 25 Aug 2023 13:06

Tgt Ion: 117 Resp: 254719
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015337.D

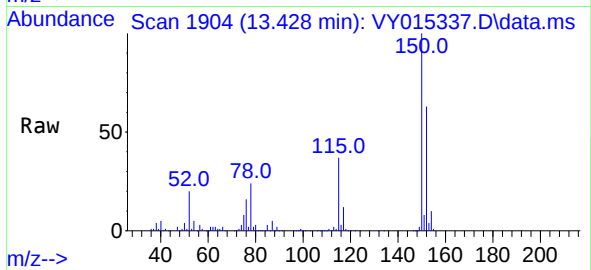
Acq: 25 Aug 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

TP-G



Tgt Ion:152 Resp: 124720

Ion Ratio Lower Upper

152 100

115 59.3 28.8 86.5

150 157.8 0.0 348.8

