

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013539.D
 Acq On : 01 May 2023 15:09
 Operator : KP/MD
 Sample : 02554-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-42823

Quant Time: May 01 22:48:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

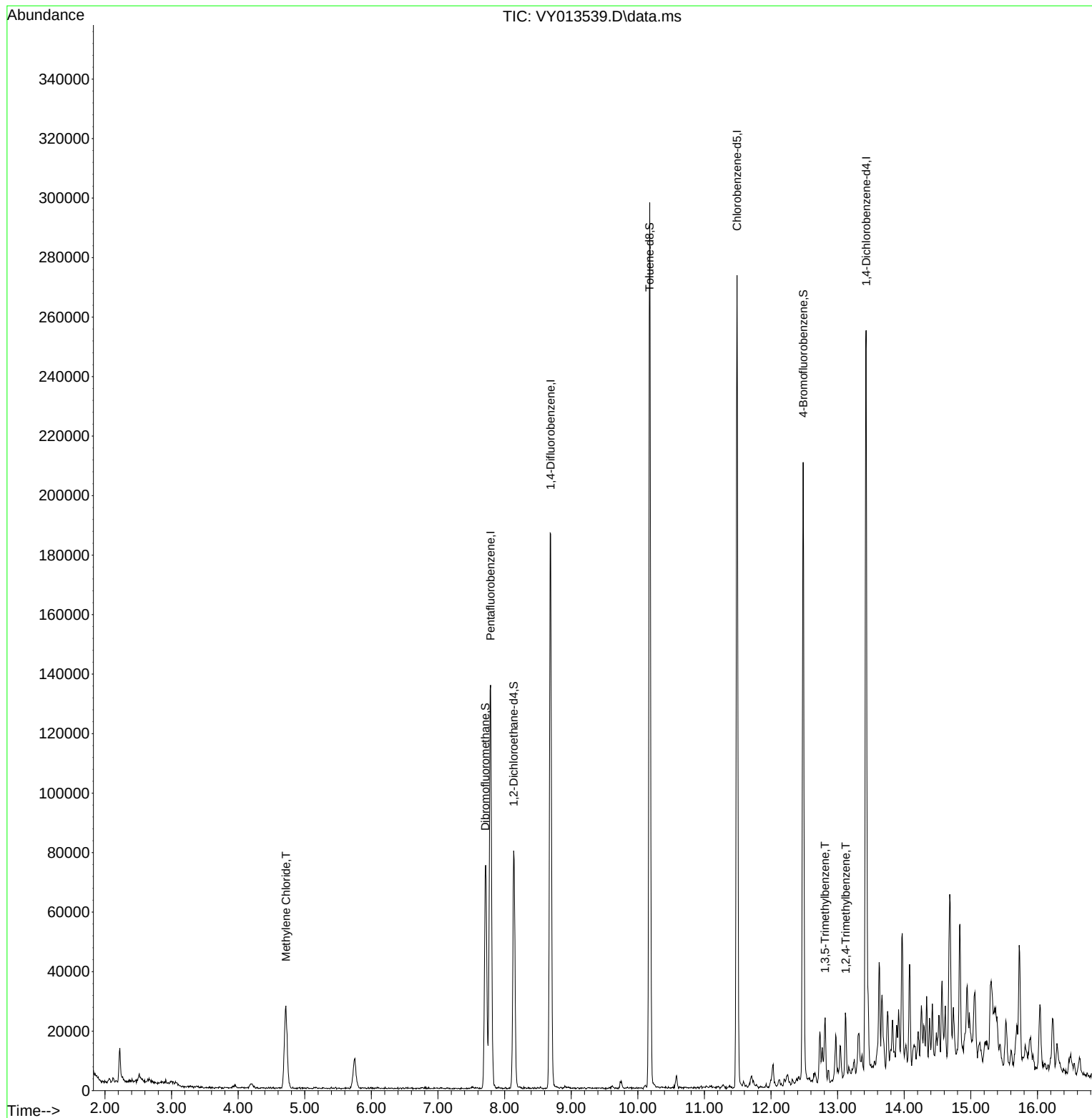
Internal Standards						
1) Pentafluorobenzene	7.789	168	106382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	159654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	144301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65125	55.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.680%
35) Dibromofluoromethane	7.710	113	52874	52.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.320%
50) Toluene-d8	10.179	98	193737	54.235	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.480%
62) 4-Bromofluorobenzene	12.483	95	57907	48.085	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.160%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	19895	6.846	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	6591	1.603	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	10484	2.623	ug/l	94

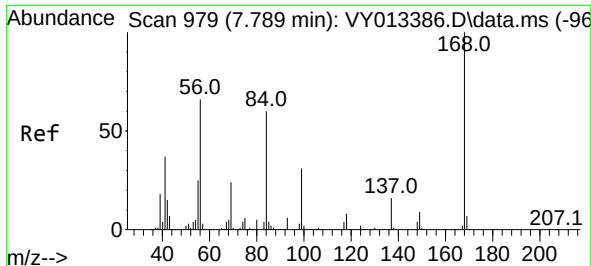
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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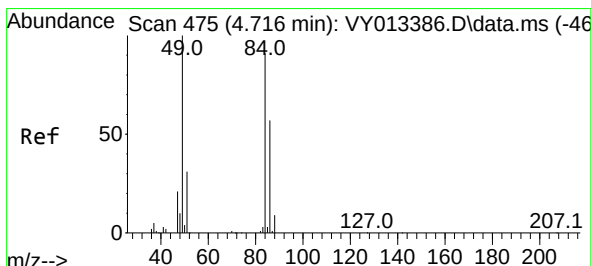
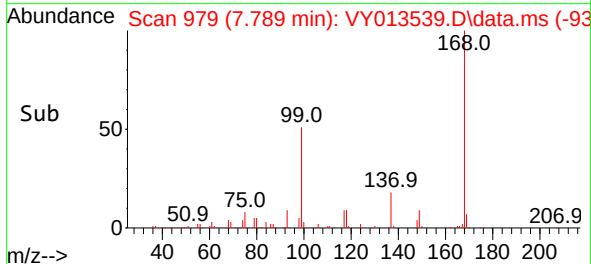
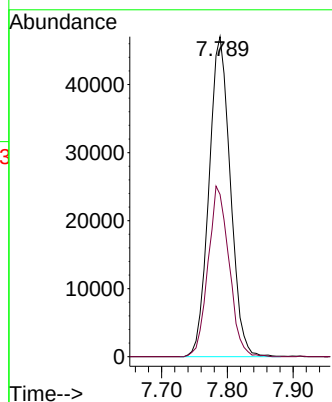
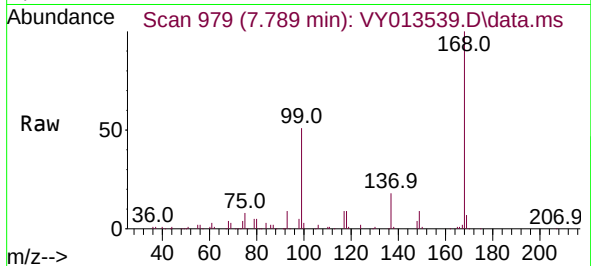




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013539.D
Acq: 01 May 2023 15:09

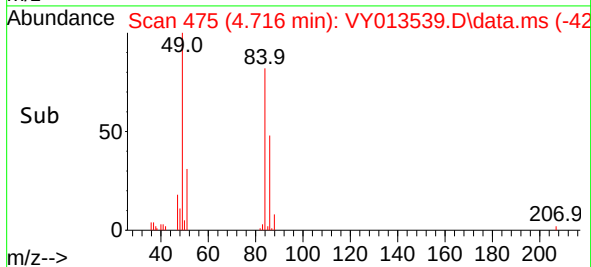
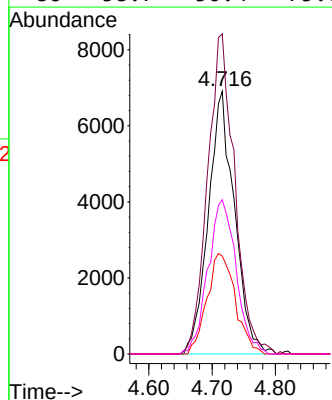
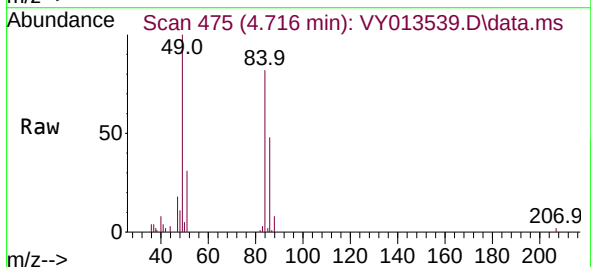
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823

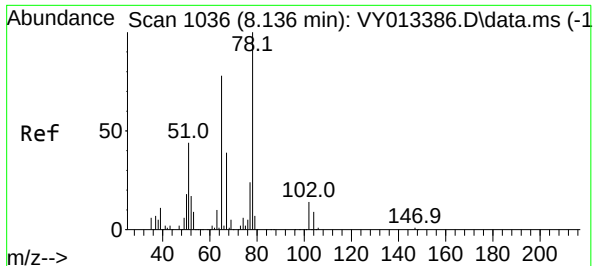
Tgt Ion:168 Resp: 106382
Ion Ratio Lower Upper
168 100
99 50.7 41.8 62.6



#20
Methylene Chloride
Concen: 6.846 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013539.D
Acq: 01 May 2023 15:09

Tgt Ion: 84 Resp: 19895
Ion Ratio Lower Upper
84 100
49 121.8 88.0 132.0
51 37.2 27.4 41.0
86 58.7 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 55.845 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013539.D

Acq: 01 May 2023 15:09

Instrument :

MSVOA_Y

ClientSampleId :

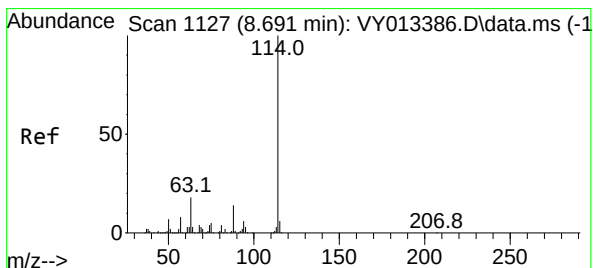
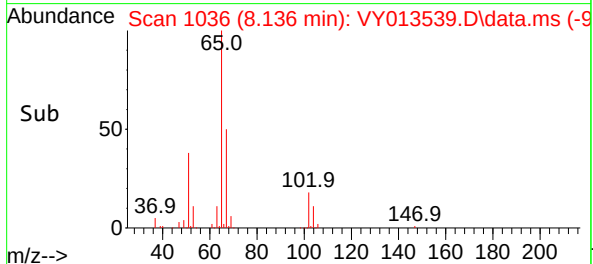
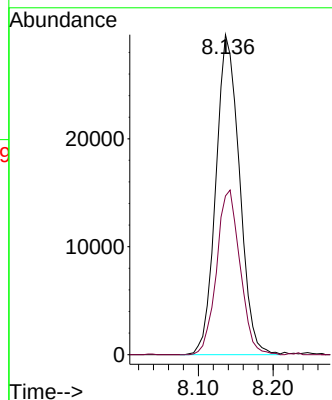
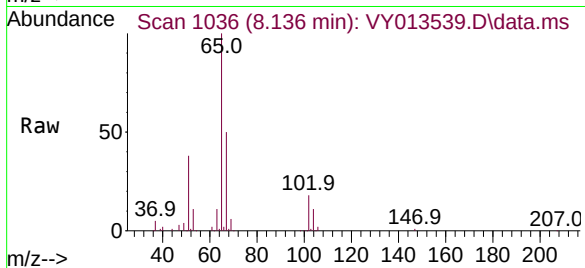
TR-04-42823

Tgt Ion: 65 Resp: 65125

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013539.D

Acq: 01 May 2023 15:09

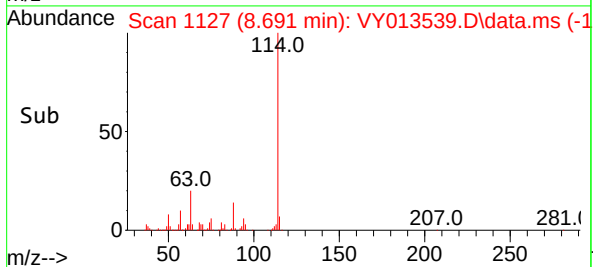
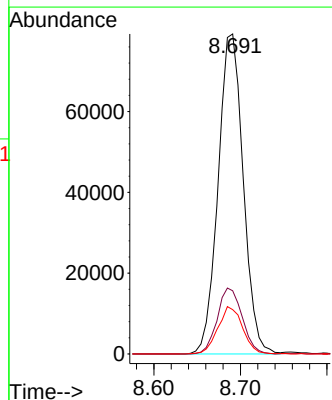
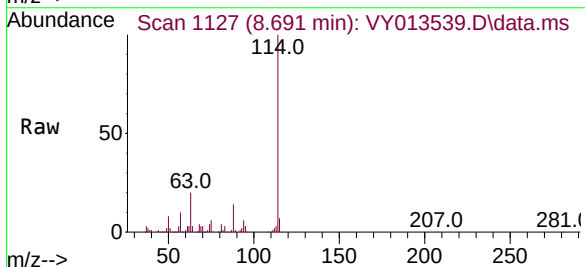
Tgt Ion:114 Resp: 159654

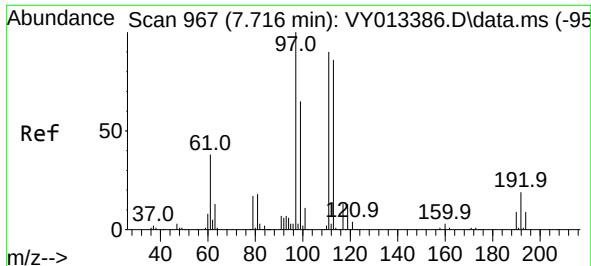
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

88 13.8 0.0 28.8

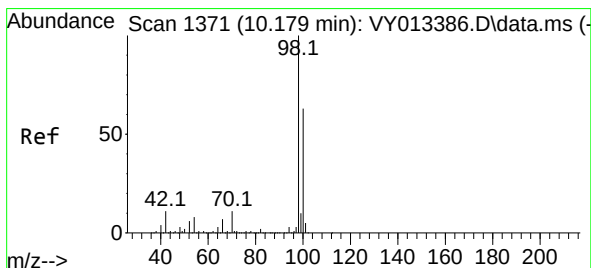
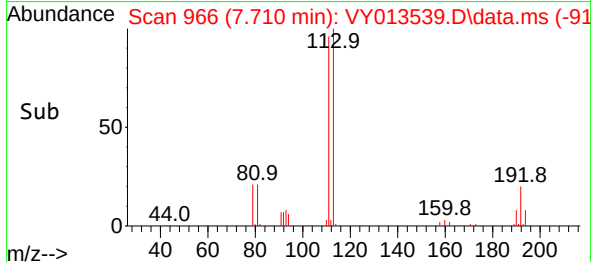
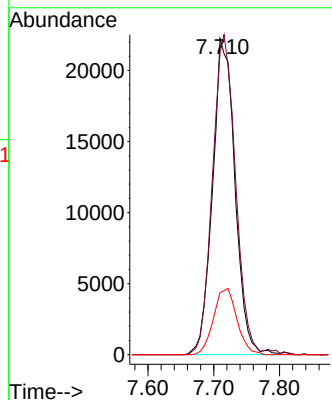
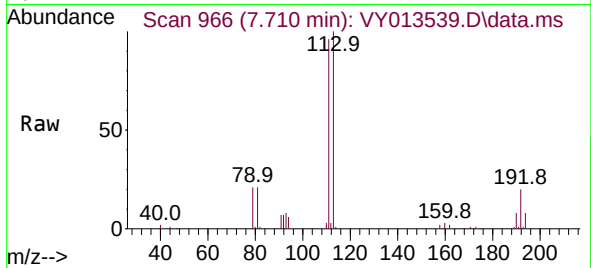




#35
Dibromofluoromethane
Concen: 52.655 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013539.D
Acq: 01 May 2023 15:09

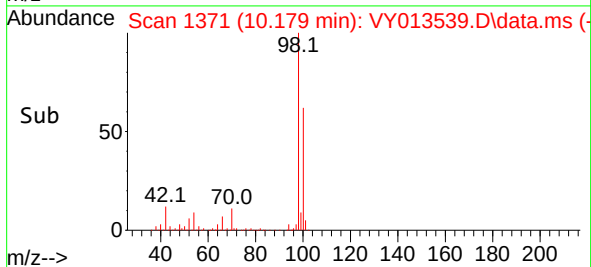
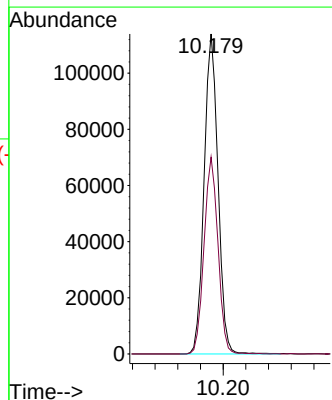
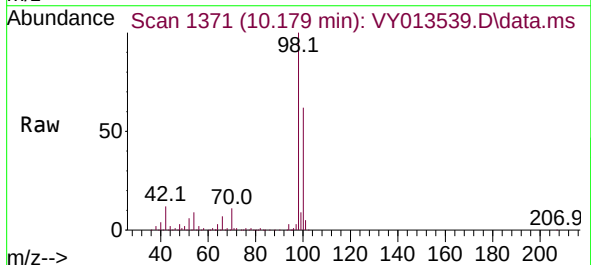
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823

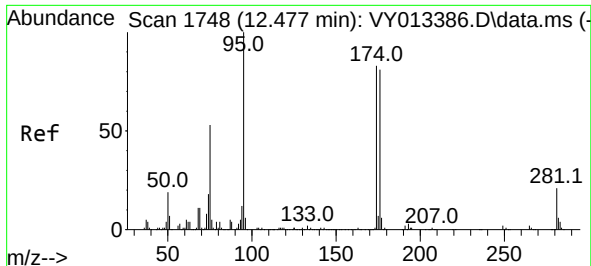
Tgt Ion:113 Resp: 52874
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 21.8 16.7 25.1



#50
Toluene-d8
Concen: 54.235 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013539.D
Acq: 01 May 2023 15:09

Tgt Ion: 98 Resp: 193737
Ion Ratio Lower Upper
98 100
100 61.7 50.5 75.7





#62

4-Bromofluorobenzene

Concen: 48.085 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013539.D

Acq: 01 May 2023 15:09

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-42823

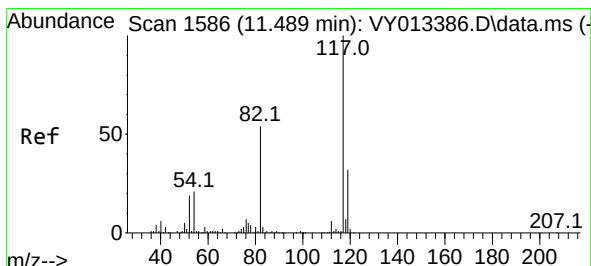
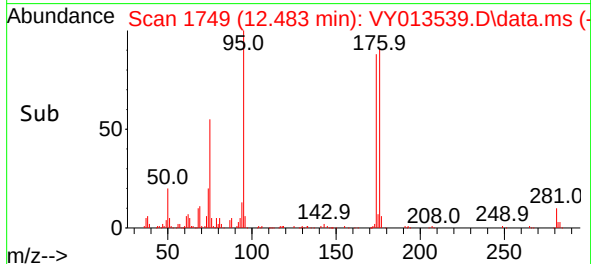
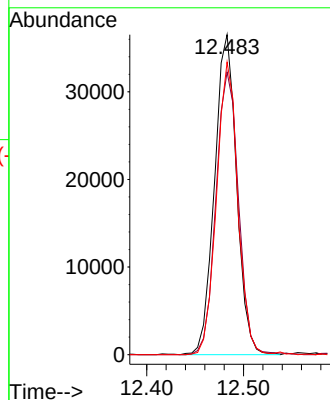
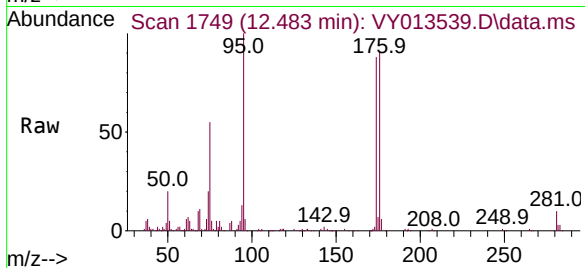
Tgt Ion: 95 Resp: 57907

Ion Ratio Lower Upper

95 100

174 90.1 0.0 182.0

176 87.9 0.0 175.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY013539.D

Acq: 01 May 2023 15:09

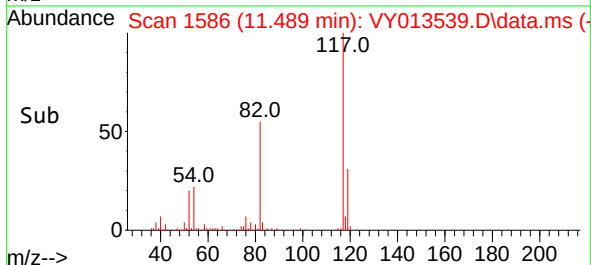
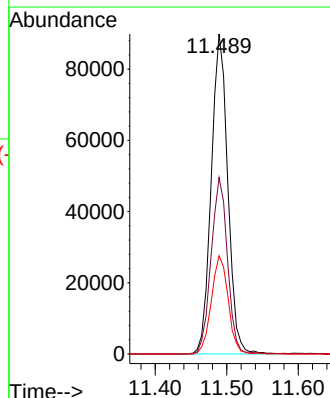
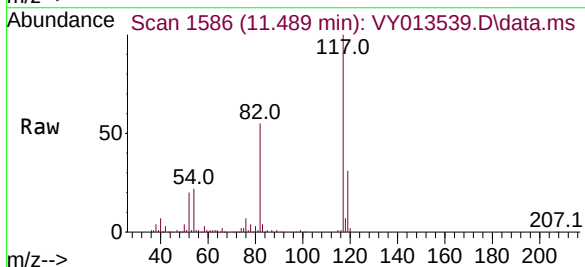
Tgt Ion: 117 Resp: 144301

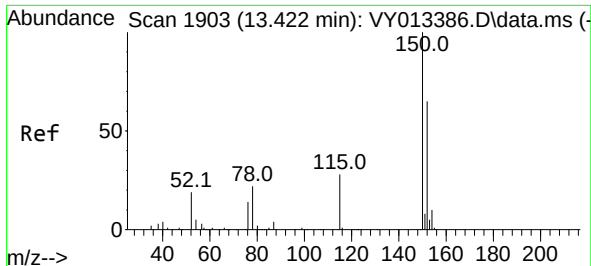
Ion Ratio Lower Upper

117 100

82 55.2 43.0 64.6

119 30.7 25.5 38.3

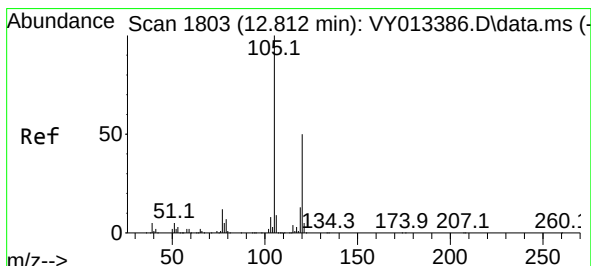
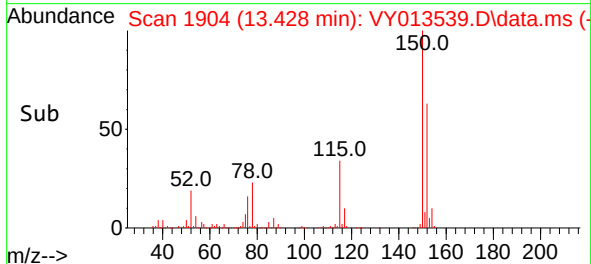
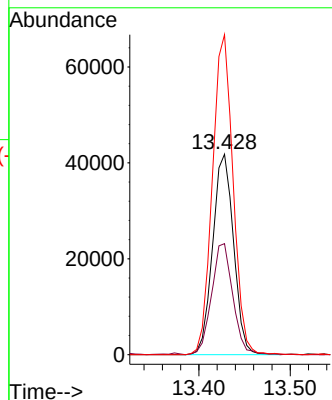
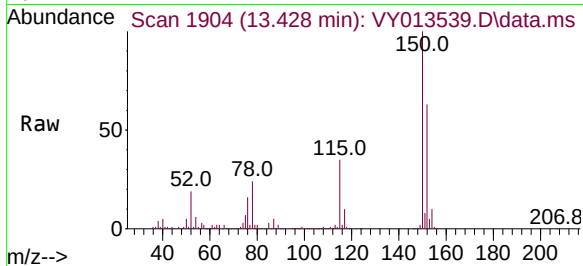




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY013539.D
 Acq: 01 May 2023 15:09

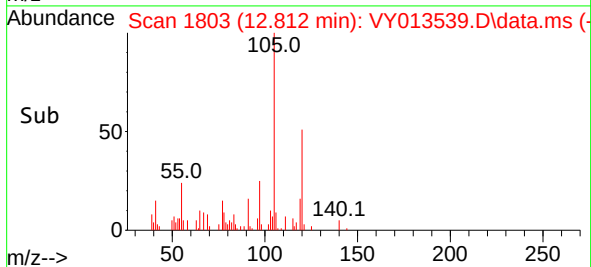
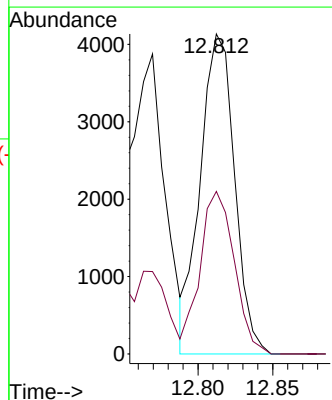
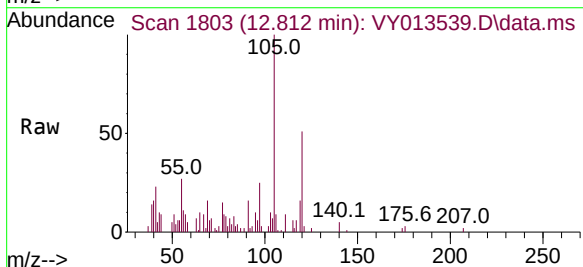
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-42823

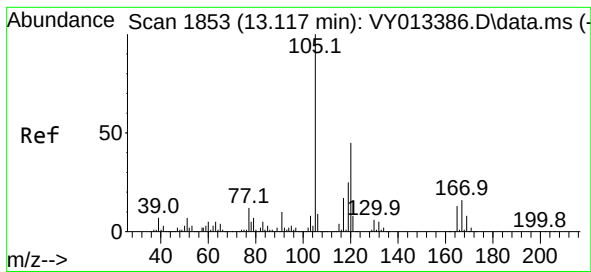
Tgt Ion:152 Resp: 66584
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.1 84.2
 150 157.8 0.0 352.0



#80
 1,3,5-Trimethylbenzene
 Concen: 1.603 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VY013539.D
 Acq: 01 May 2023 15:09

Tgt Ion:105 Resp: 6591
 Ion Ratio Lower Upper
 105 100
 120 50.8 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 2.623 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013539.D

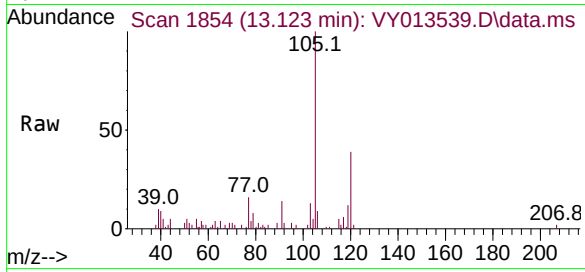
Acq: 01 May 2023 15:09

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-42823



Tgt Ion:105 Resp: 10484

Ion Ratio Lower Upper

105 100

120 48.6 22.3 66.9

