

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015594.D
 Acq On : 16 Sep 2023 02:00
 Operator : SY/MD
 Sample : 04419-06
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-07(30-32)

Quant Time: Sep 16 05:28:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

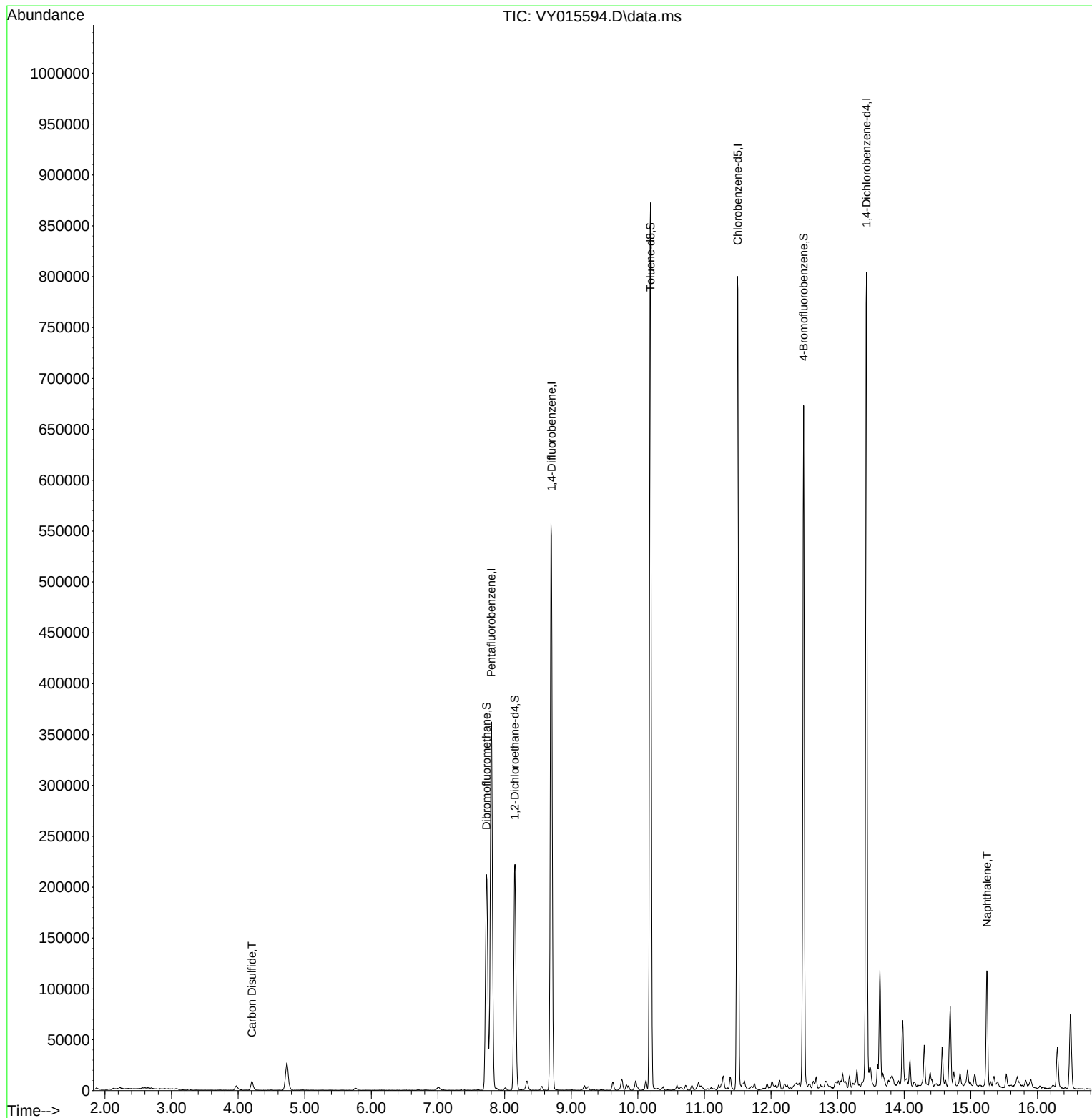
Internal Standards						
1) Pentafluorobenzene	7.801	168	287649	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	489776	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	443834	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	206301	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	173860	56.383	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.760%	
35) Dibromofluoromethane	7.728	113	151947	53.863	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.720%	
50) Toluene-d8	10.191	98	571836	55.975	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.960%	
62) 4-Bromofluorobenzene	12.489	95	196257	51.748	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.500%	
Target Compounds						Qvalue
17) Carbon Disulfide	4.204	76	17164	2.008	ug/l	98
95) Naphthalene	15.245	128	96518	9.383	ug/l	100

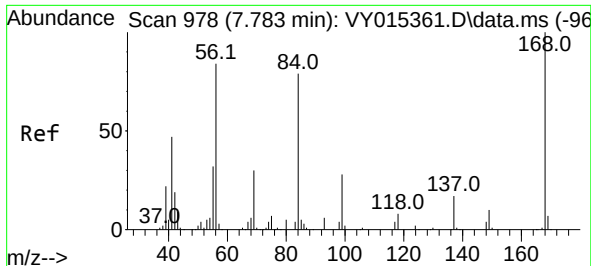
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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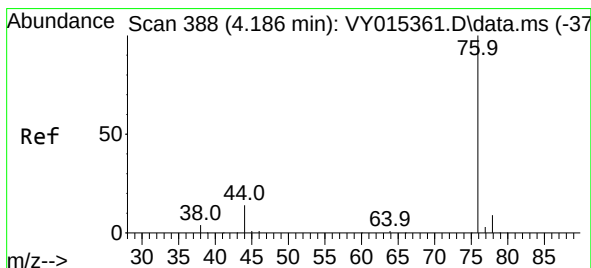
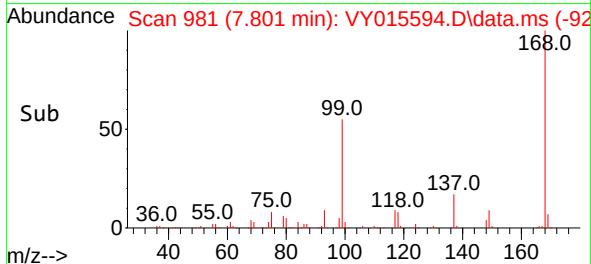
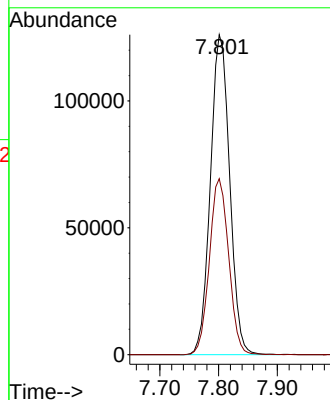
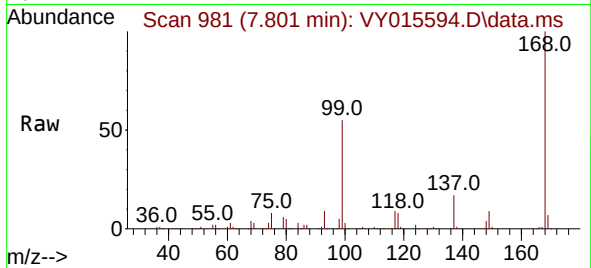




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015594.D
Acq: 16 Sep 2023 02:00

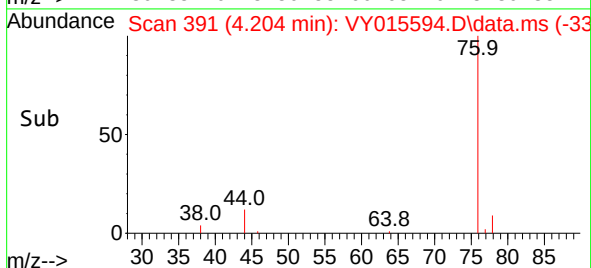
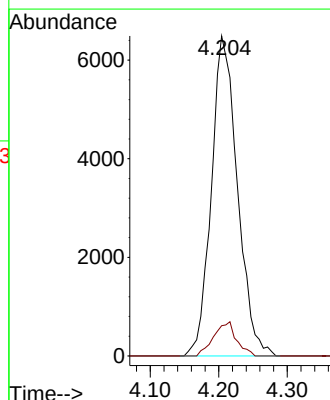
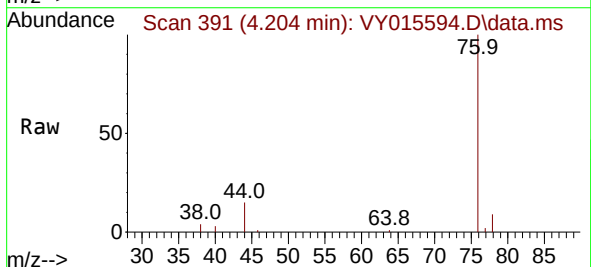
Instrument :
MSVOA_Y
ClientSampleId :
DB-07(30-32)

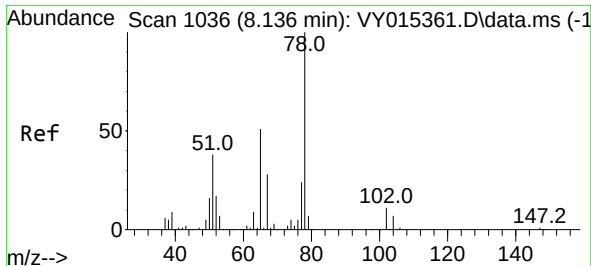
Tgt Ion:168 Resp: 287649
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#17
Carbon Disulfide
Concen: 2.008 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015594.D
Acq: 16 Sep 2023 02:00

Tgt Ion: 76 Resp: 17164
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4





#33

1,2-Dichloroethane-d4

Concen: 56.383 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY015594.D

Acq: 16 Sep 2023 02:00

Instrument :

MSVOA_Y

ClientSampleId :

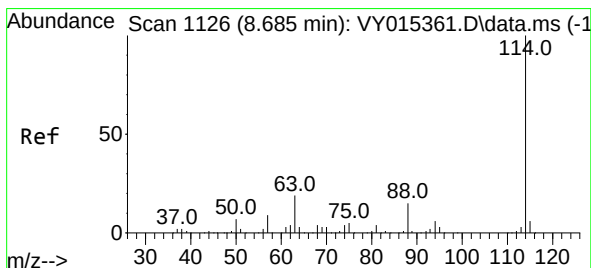
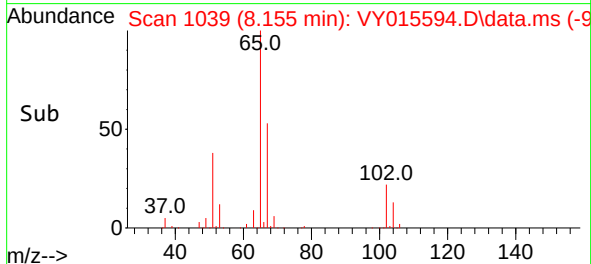
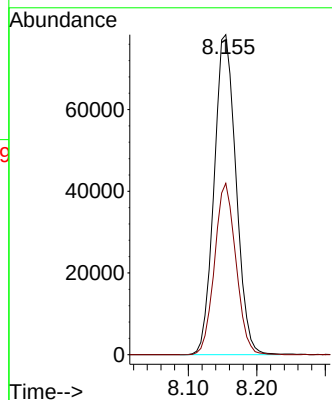
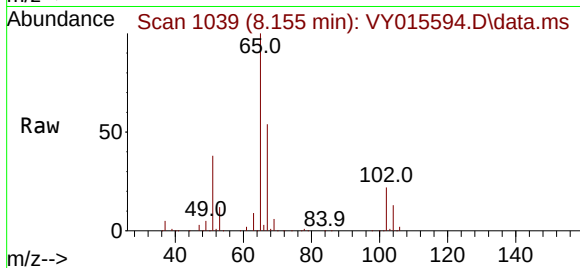
DB-07(30-32)

Tgt Ion: 65 Resp: 173860

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.018 min

Lab File: VY015594.D

Acq: 16 Sep 2023 02:00

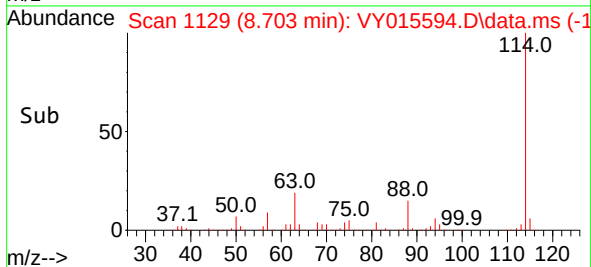
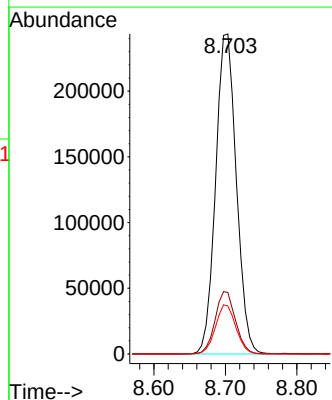
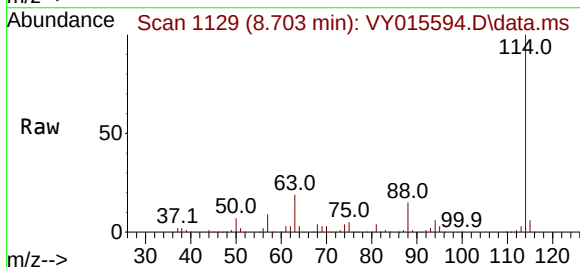
Tgt Ion: 114 Resp: 489776

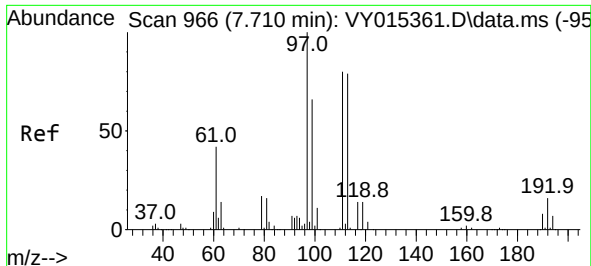
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.0 0.0 30.6

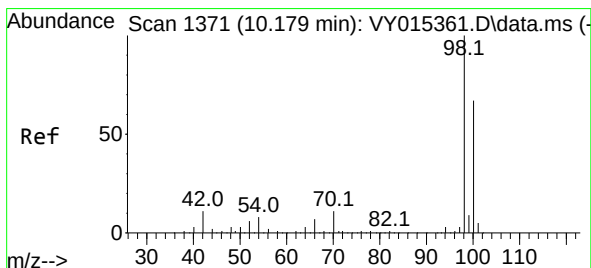
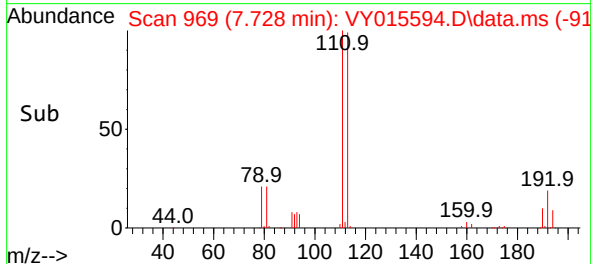
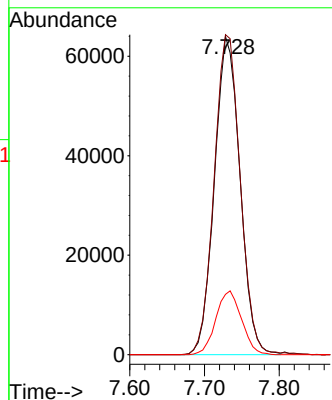
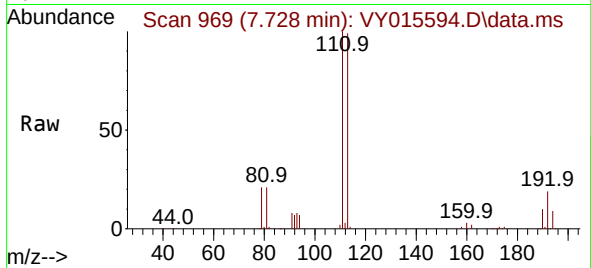




#35
 Dibromofluoromethane
 Concen: 53.863 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: VY015594.D
 Acq: 16 Sep 2023 02:00

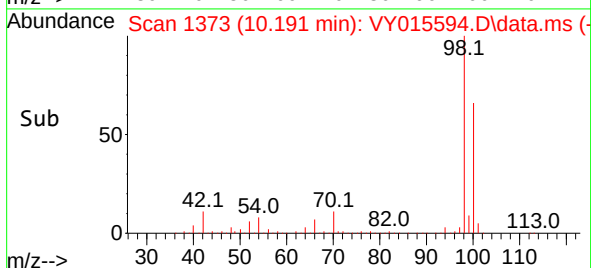
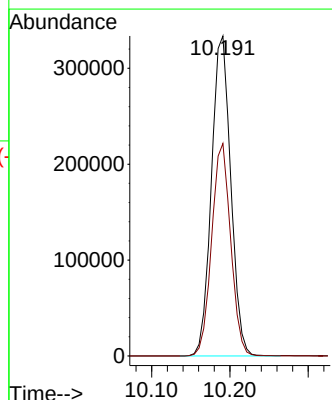
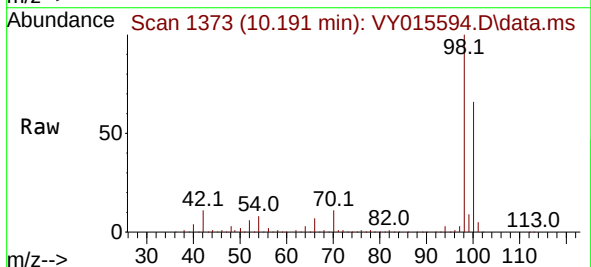
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-07(30-32)

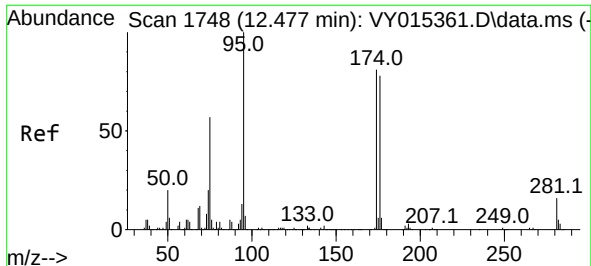
Tgt Ion:113 Resp: 151947
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.3 121.9
 192 20.1 16.9 25.3



#50
 Toluene-d8
 Concen: 55.975 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. 0.012 min
 Lab File: VY015594.D
 Acq: 16 Sep 2023 02:00

Tgt Ion: 98 Resp: 571836
 Ion Ratio Lower Upper
 98 100
 100 65.4 50.1 75.1

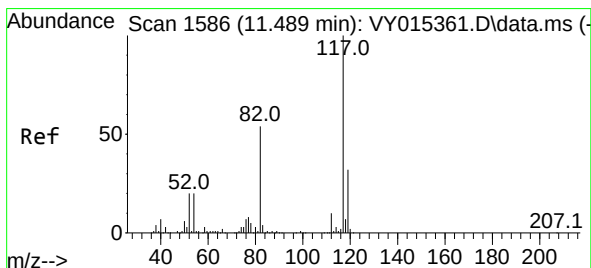
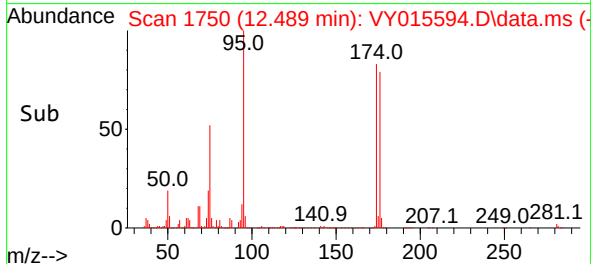
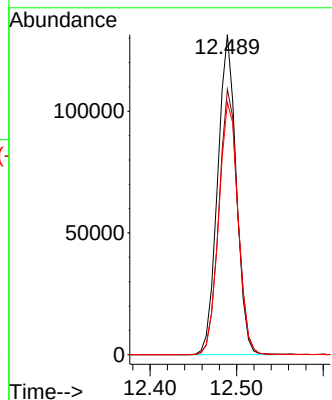
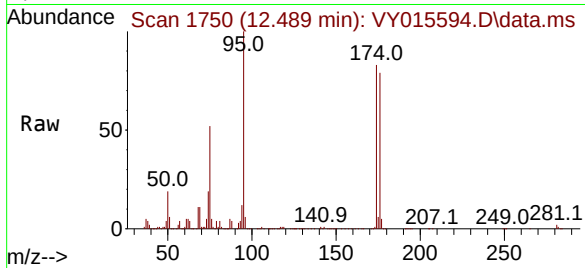




#62
4-Bromofluorobenzene
Concen: 51.748 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015594.D
Acq: 16 Sep 2023 02:00

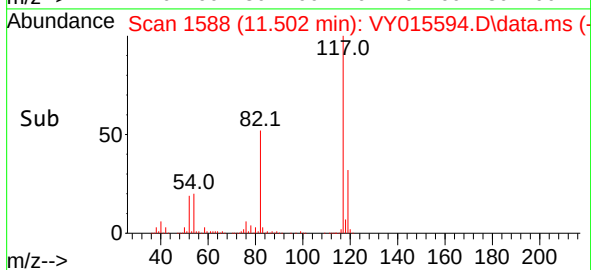
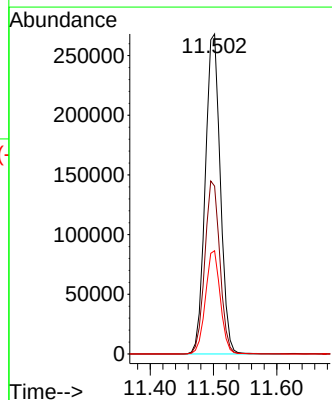
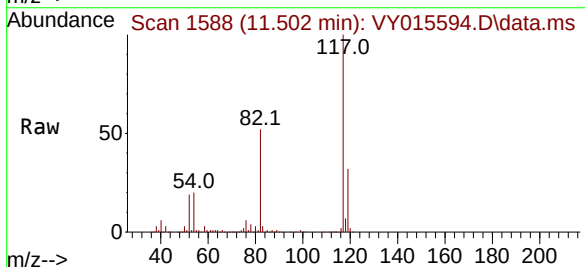
Instrument :
MSVOA_Y
ClientSampleId :
DB-07(30-32)

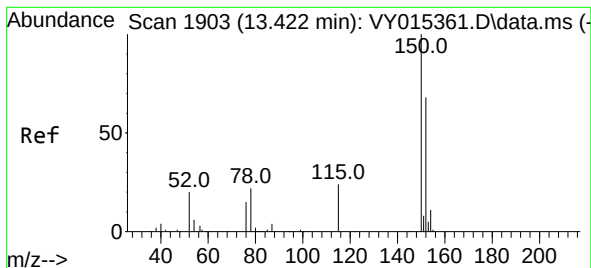
Tgt Ion: 95 Resp: 196257
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY015594.D
Acq: 16 Sep 2023 02:00

Tgt Ion: 117 Resp: 443834
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1903

Delta R.T. 0.012 min

Lab File: VY015594.D

Acq: 16 Sep 2023 02:00

Instrument :

MSVOA_Y

ClientSampleId :

DB-07(30-32)

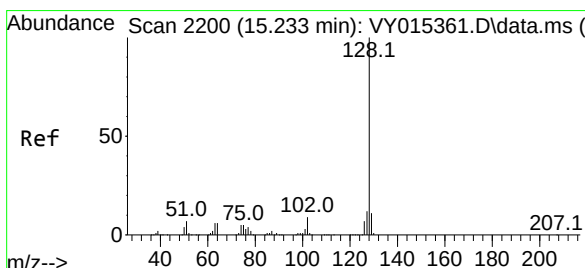
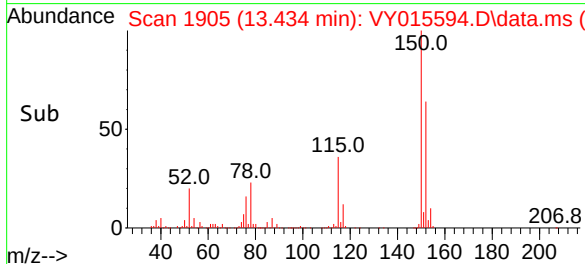
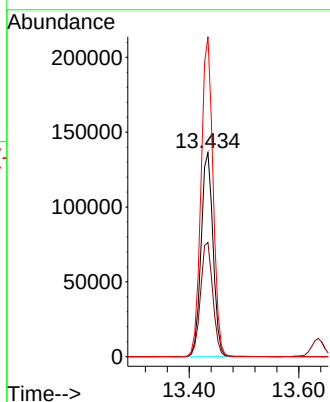
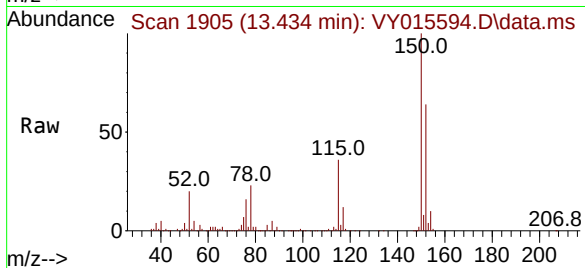
Tgt Ion:152 Resp: 206301

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 156.6 0.0 348.8



#95

Naphthalene

Concen: 9.383 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.012 min

Lab File: VY015594.D

Acq: 16 Sep 2023 02:00

Tgt Ion:128 Resp: 96518

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 10.9 8.6 13.0

