

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012340.D
 Acq On : 24 Jan 2023 14:28
 Operator : KP/MD
 Sample : 01260-04
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-22

Quant Time: Jan 25 01:31:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

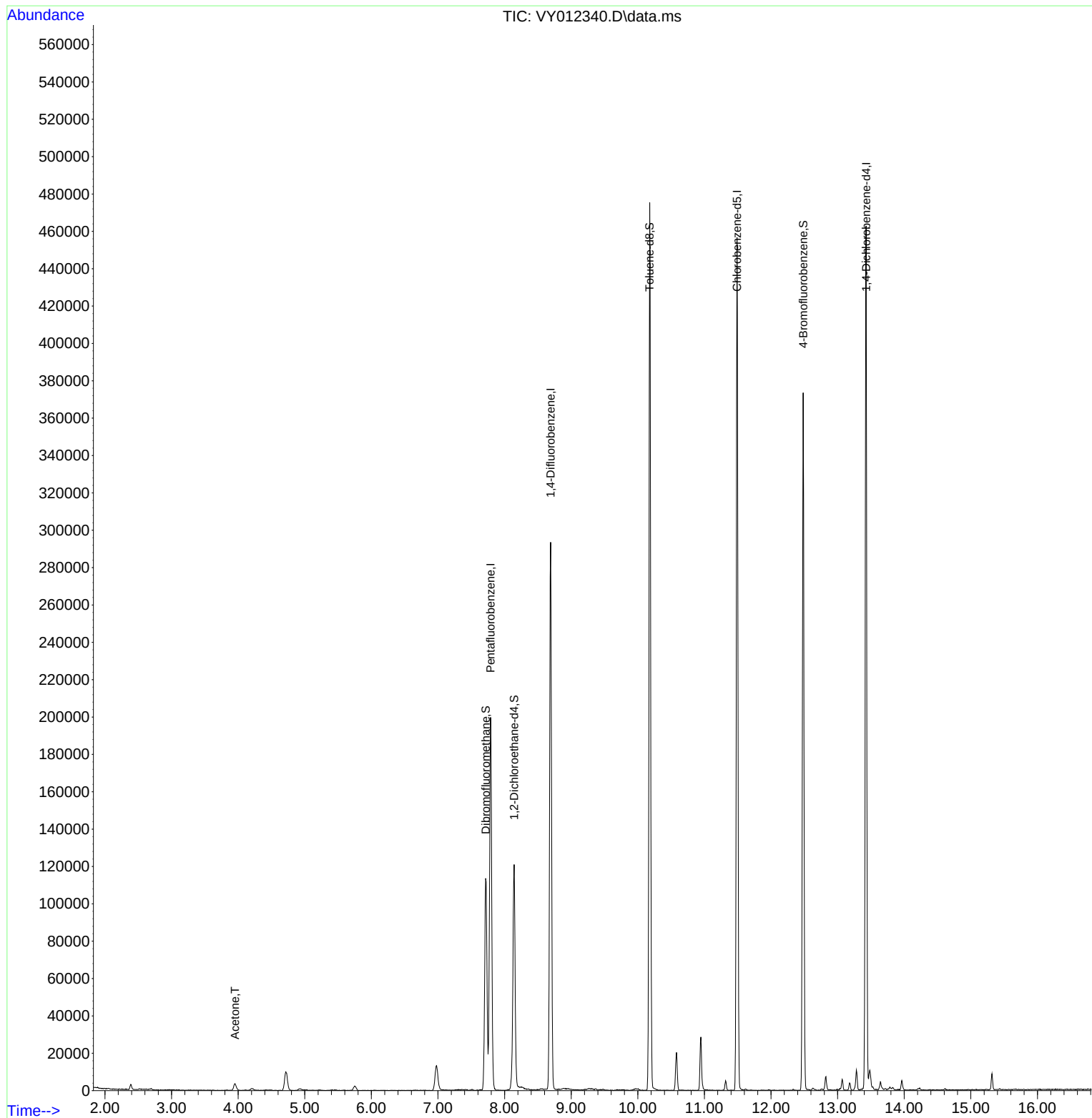
Internal Standards						
1) Pentafluorobenzene	7.789	168	156043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	261632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98135	78.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.160%
35) Dibromofluoromethane	7.716	113	77812	56.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.340%
50) Toluene-d8	10.179	98	313349	66.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.460%
62) 4-Bromofluorobenzene	12.483	95	105244	53.891	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.780%
Target Compounds						
16) Acetone	3.954	43	6699	15.417	ug/l	Qvalue 92

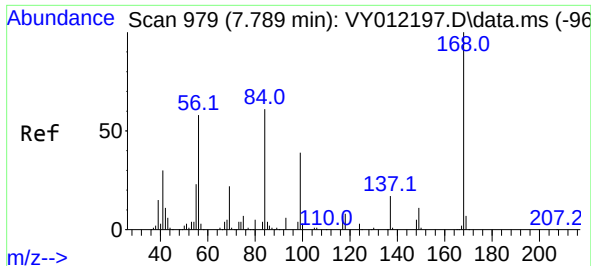
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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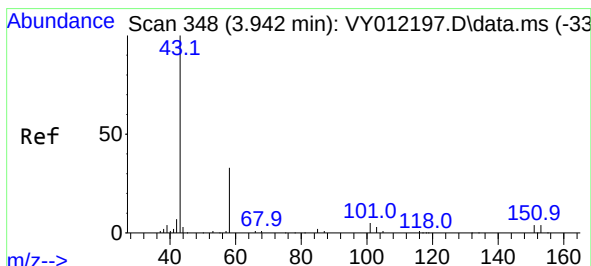
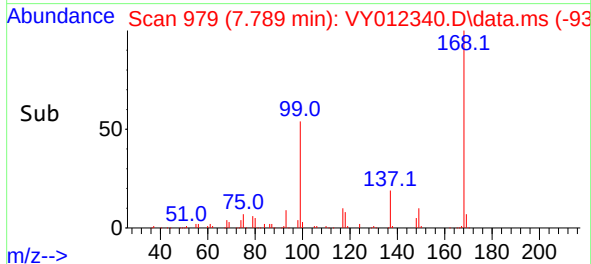
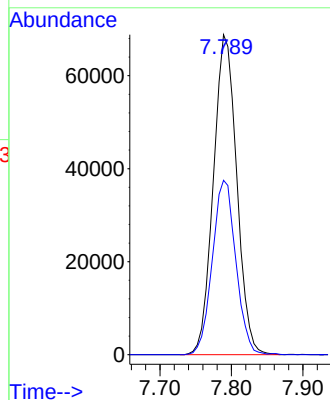
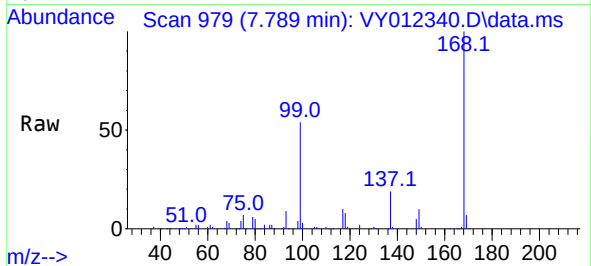




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

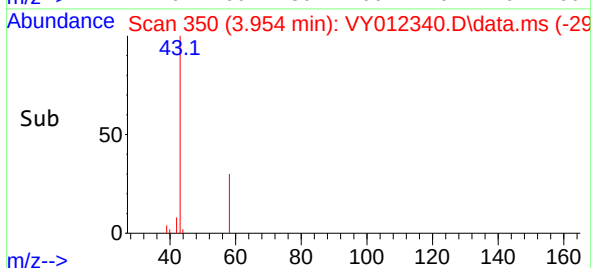
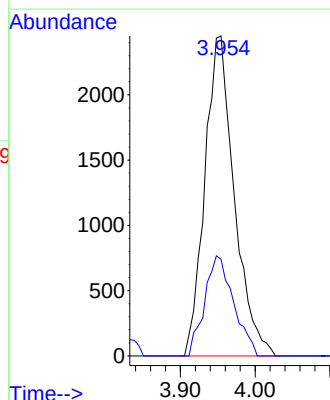
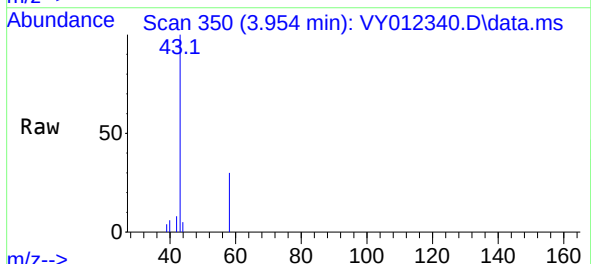
Instrument :
MSVOA_Y
ClientSampleId :
TP-22

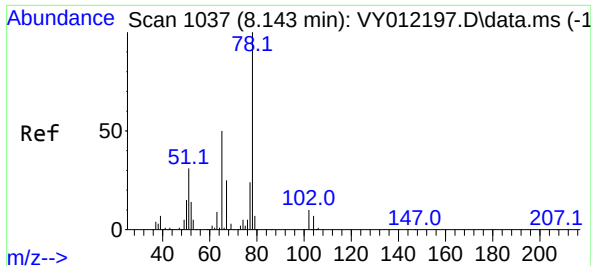
Tgt Ion:168 Resp: 156043
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#16
Acetone
Concen: 15.417 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

Tgt Ion: 43 Resp: 6699
Ion Ratio Lower Upper
43 100
58 30.2 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 78.081 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012340.D

Acq: 24 Jan 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

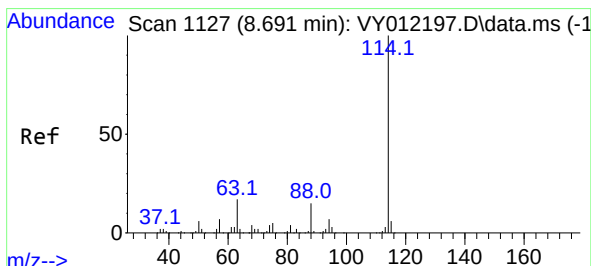
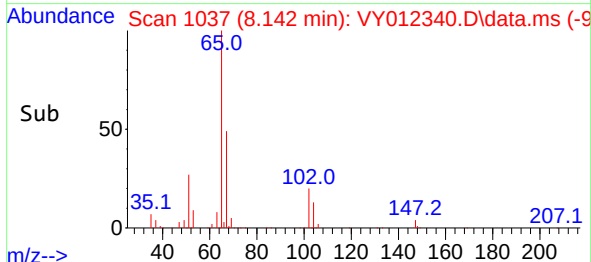
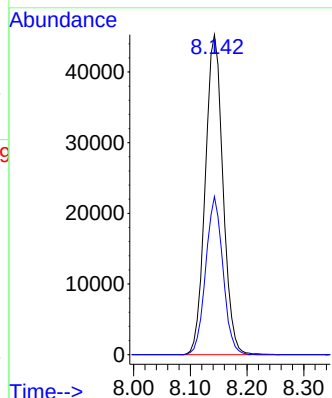
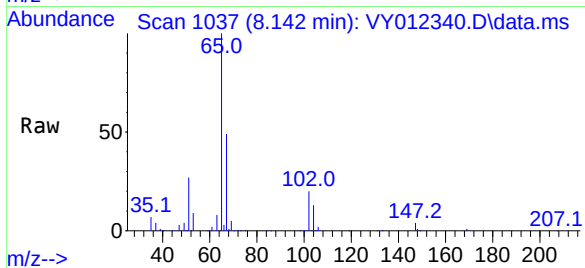
TP-22

Tgt Ion: 65 Resp: 98135

Ion Ratio Lower Upper

65 100

67 48.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012340.D

Acq: 24 Jan 2023 14:28

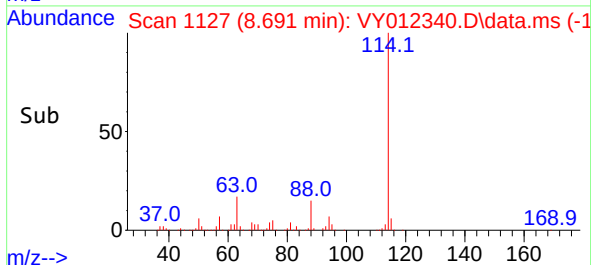
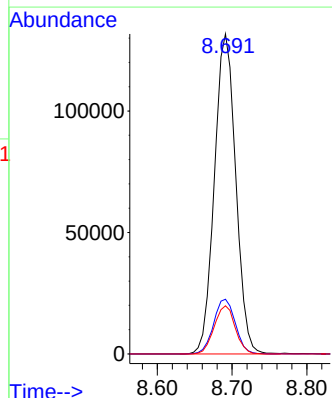
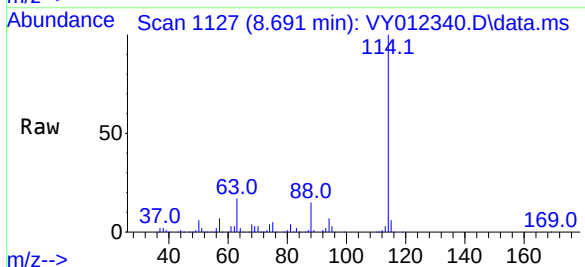
Tgt Ion: 114 Resp: 261632

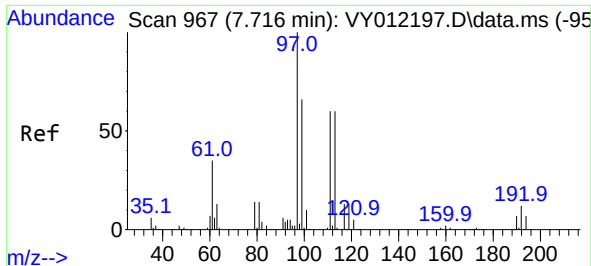
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.0 0.0 32.2

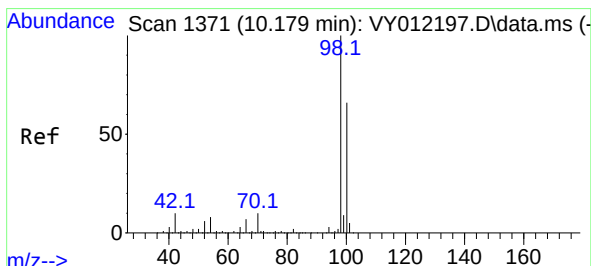
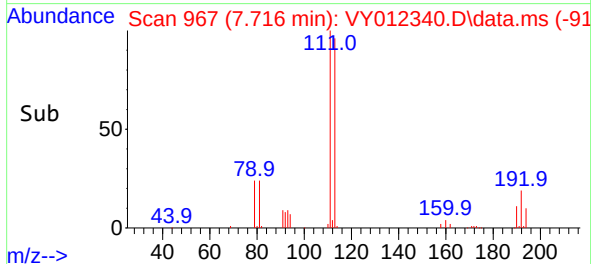
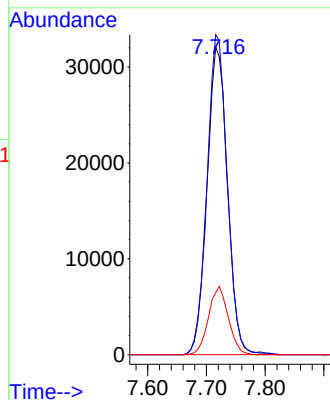
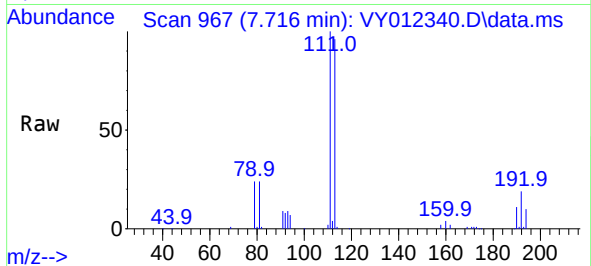




#35
Dibromofluoromethane
Concen: 56.168 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

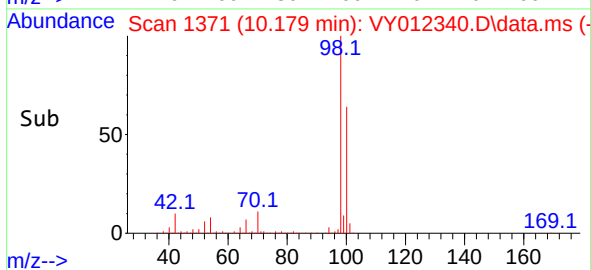
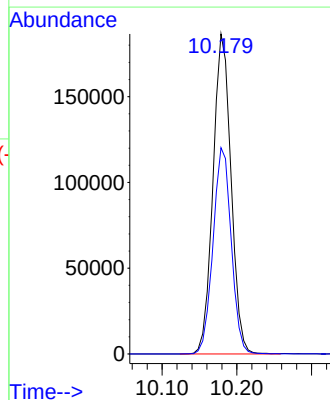
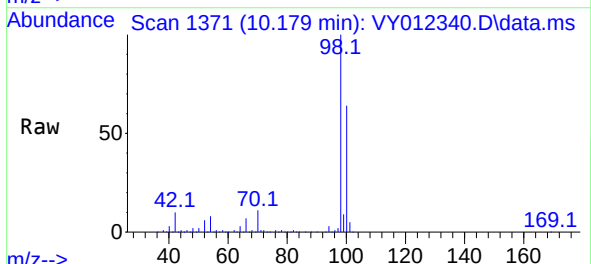
Instrument :
MSVOA_Y
ClientSampleId :
TP-22

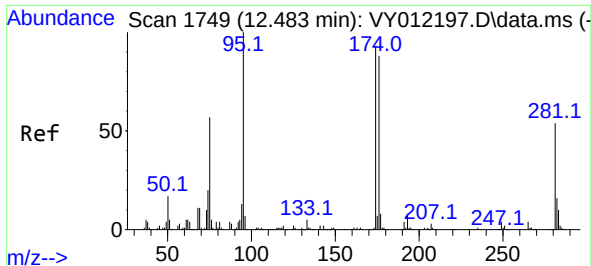
Tgt Ion:113 Resp: 77812
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 21.4 16.0 24.0



#50
Toluene-d8
Concen: 66.731 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

Tgt Ion: 98 Resp: 313349
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

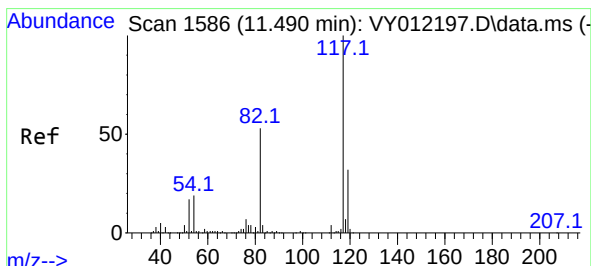
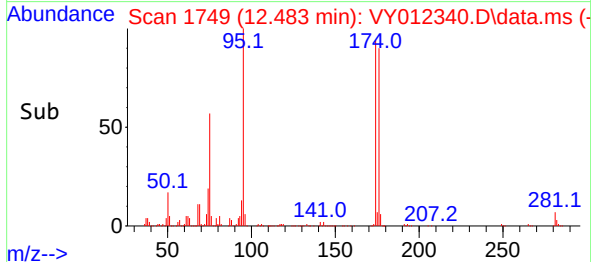
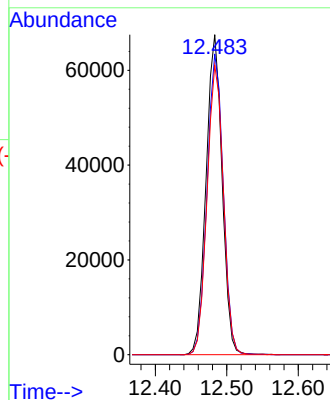
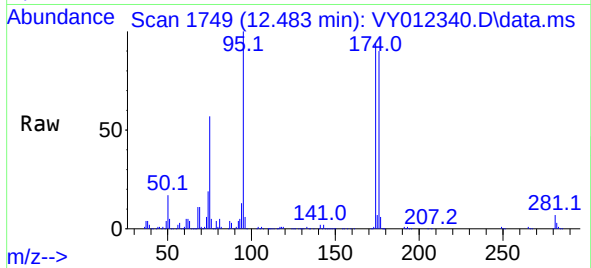




#62
4-Bromofluorobenzene
Concen: 53.891 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

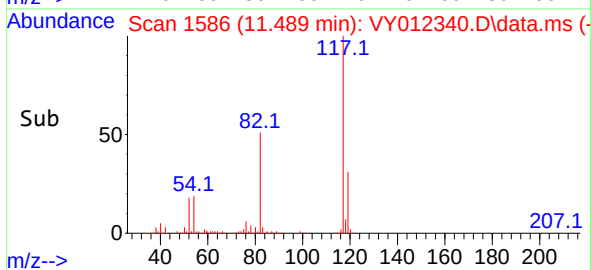
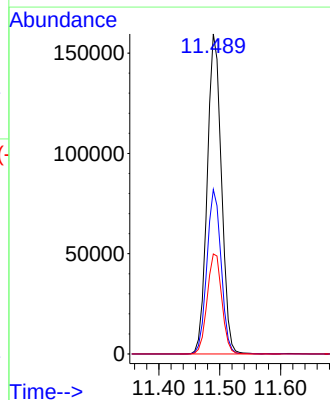
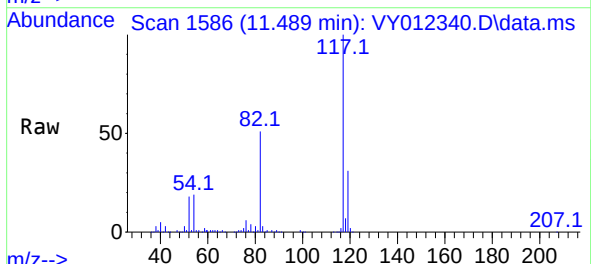
Instrument :
MSVOA_Y
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TP-22

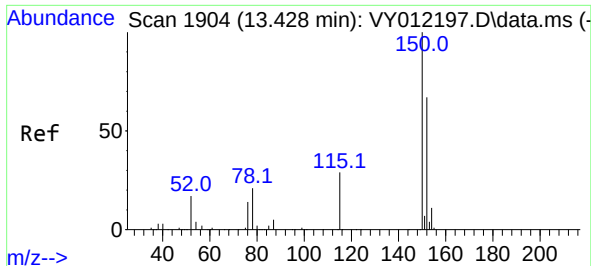
Tgt Ion: 95 Resp: 105244
Ion Ratio Lower Upper
95 100
174 95.2 0.0 172.0
176 91.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

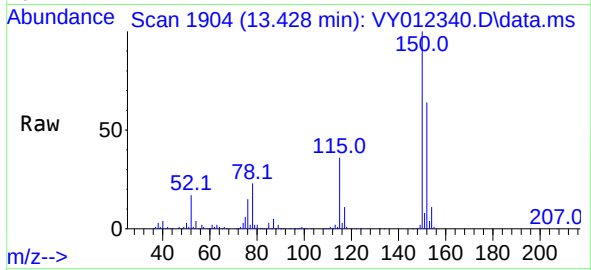
Tgt Ion: 117 Resp: 258150
Ion Ratio Lower Upper
117 100
82 51.4 44.8 67.2
119 31.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012340.D
 Acq: 24 Jan 2023 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-22



Tgt Ion:152 Resp: 123329
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.1 87.3
 150 157.7 0.0 342.6

