

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013982.D
 Acq On : 02 Jun 2023 12:13
 Operator : KP/MD
 Sample : 03002-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05A

Quant Time: Jun 03 04:58:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

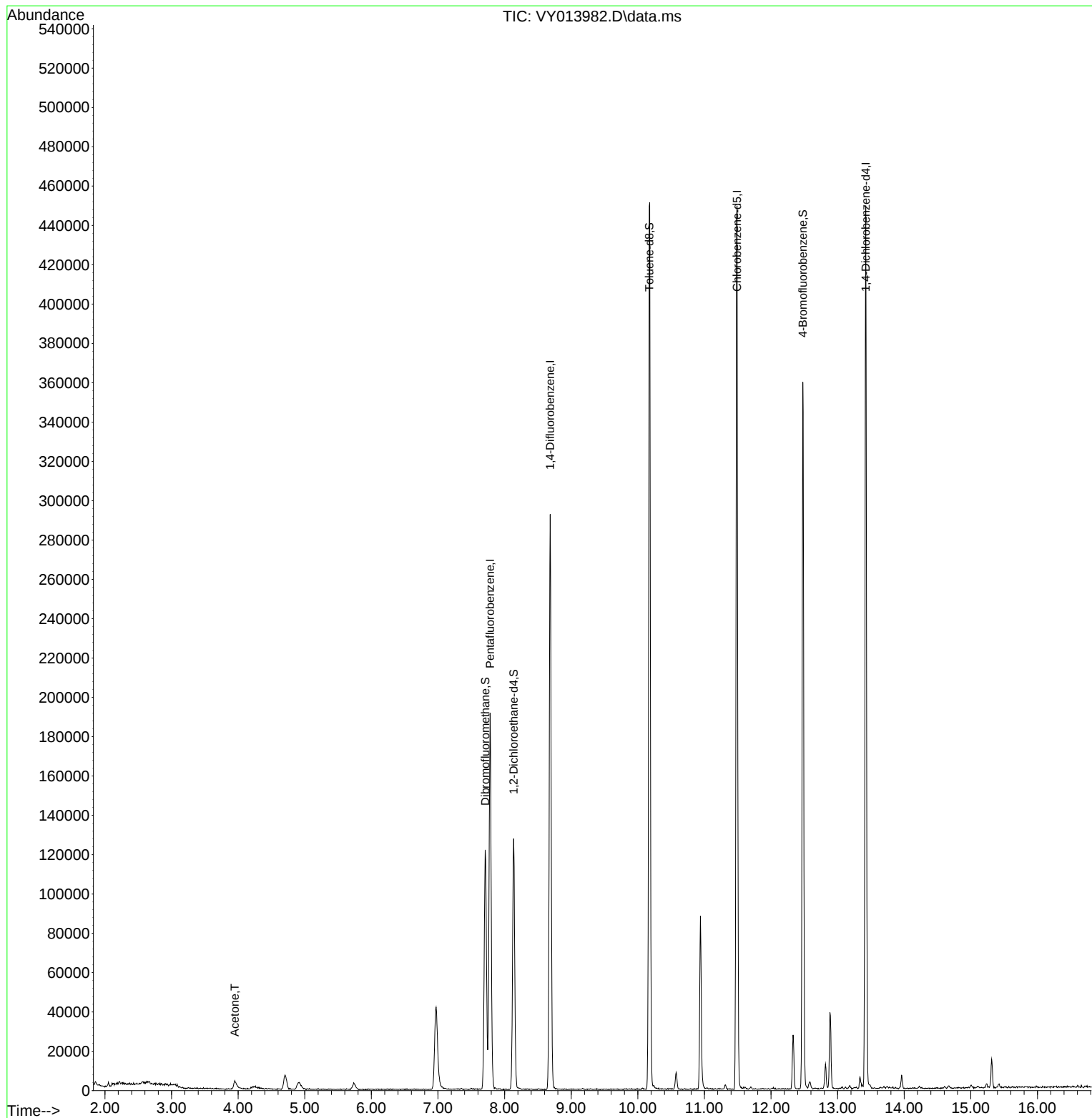
Internal Standards						
1) Pentafluorobenzene	7.783	168	140361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	242910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103801	55.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.740%	
35) Dibromofluoromethane	7.710	113	82989	54.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.100%	
50) Toluene-d8	10.173	98	295056	50.848	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.477	95	101015	51.063	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.120%	
Target Compounds						
16) Acetone	3.948	43	8590	13.513	ug/l	Qvalue 91

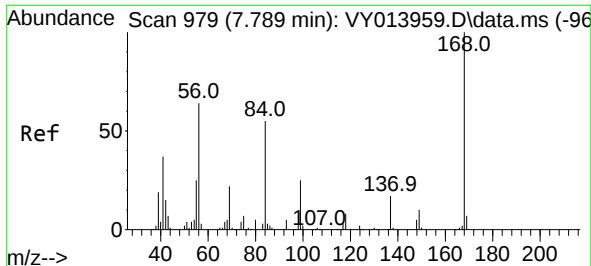
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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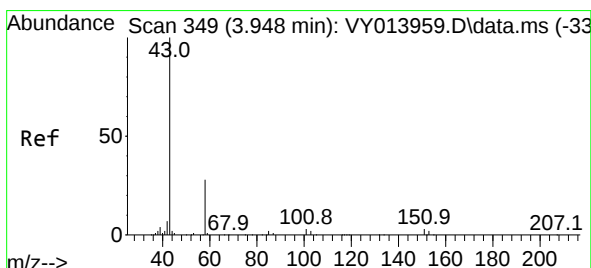
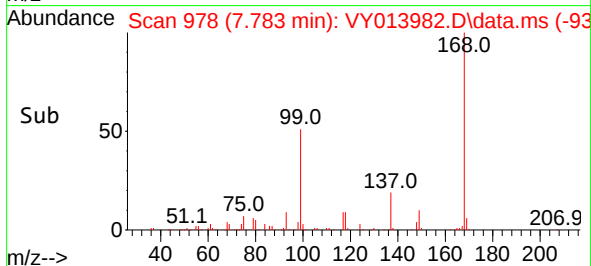
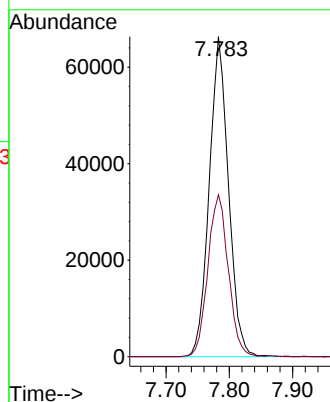
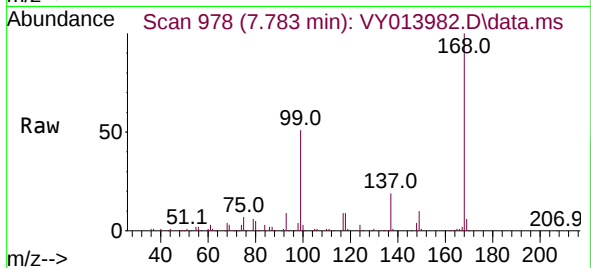




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

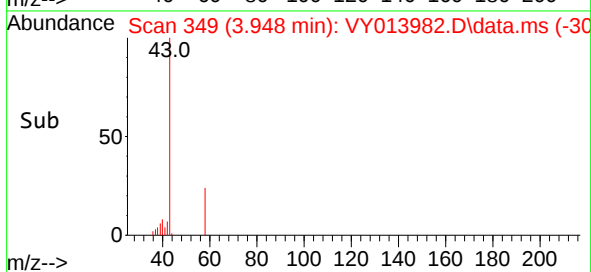
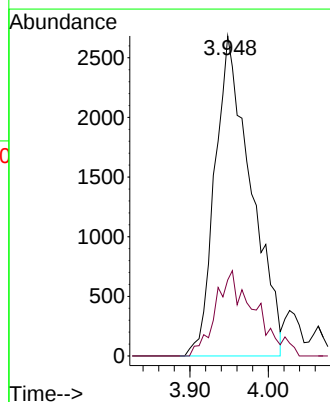
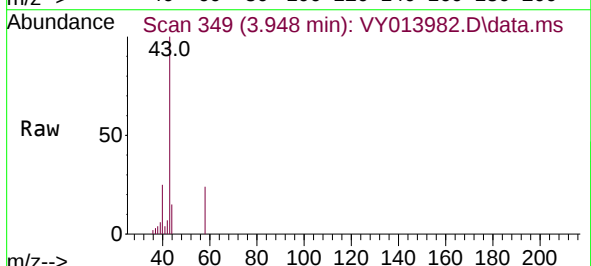
Instrument :
MSVOA_Y
ClientSampleId :
SB05A

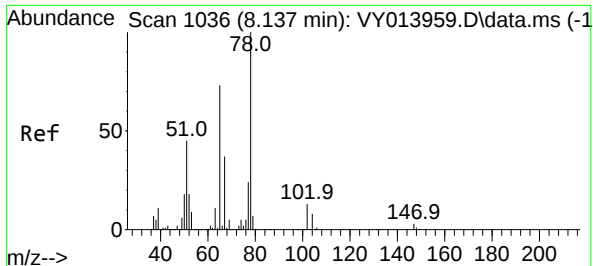
Tgt Ion:168 Resp: 140361
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#16
Acetone
Concen: 13.513 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

Tgt Ion: 43 Resp: 8590
Ion Ratio Lower Upper
43 100
58 23.7 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 55.866 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY013982.D

Acq: 02 Jun 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

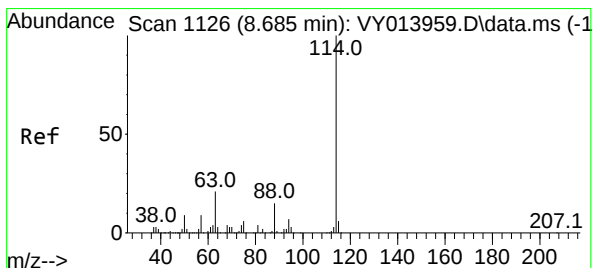
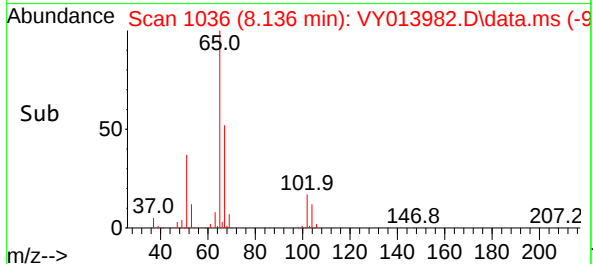
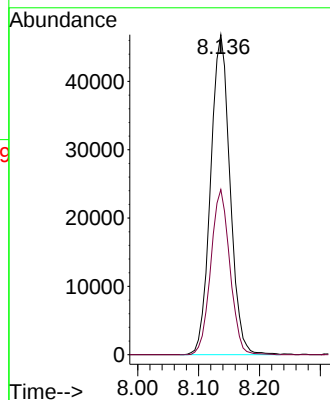
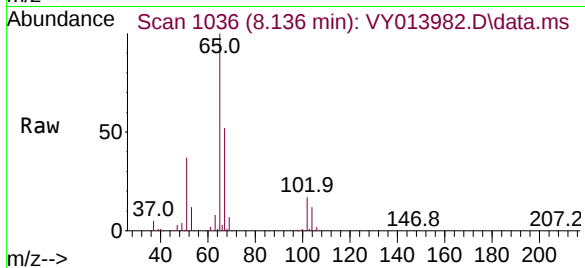
SB05A

Tgt Ion: 65 Resp: 103801

Ion Ratio Lower Upper

65 100

67 50.6 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: VY013982.D

Acq: 02 Jun 2023 12:13

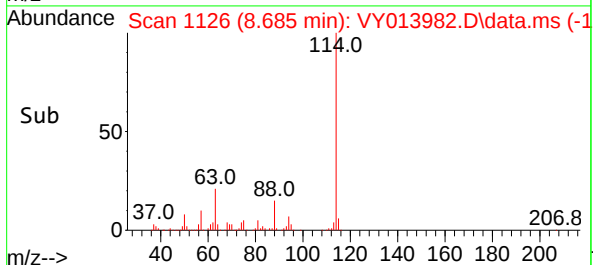
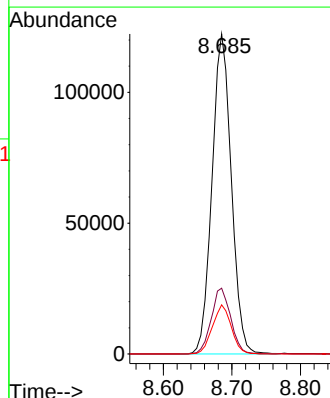
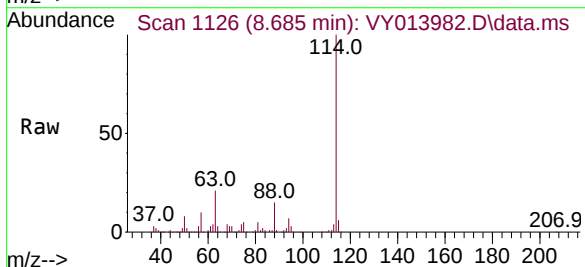
Tgt Ion: 114 Resp: 239374

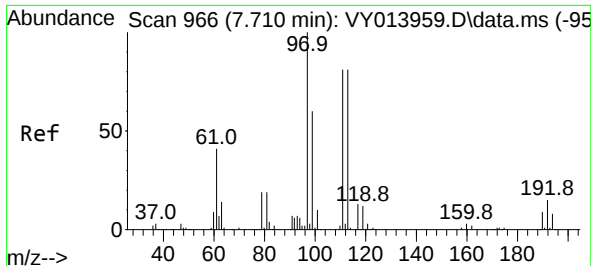
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.553 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY013982.D

Acq: 02 Jun 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

SB05A

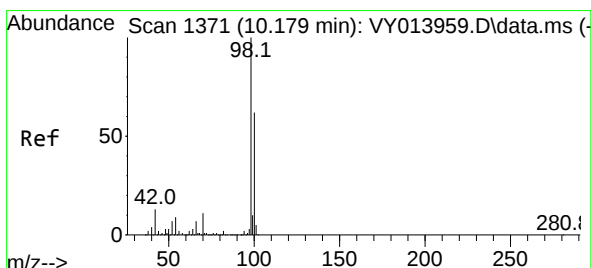
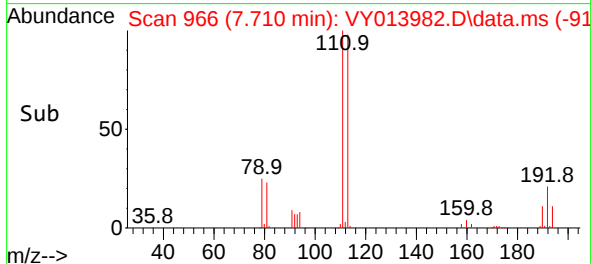
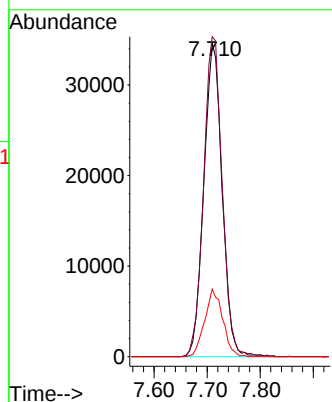
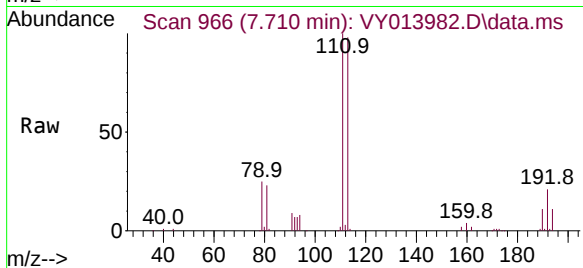
Tgt Ion:113 Resp: 82989

Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

192 21.2 16.9 25.3



#50

Toluene-d8

Concen: 50.848 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY013982.D

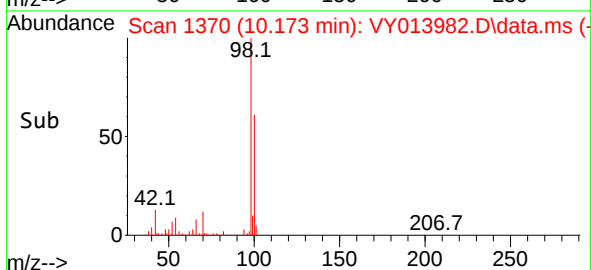
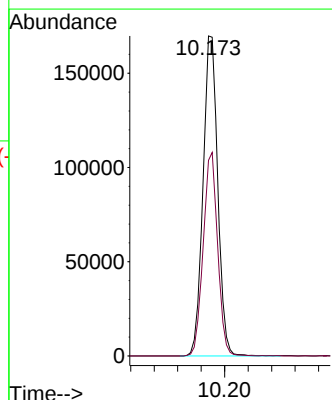
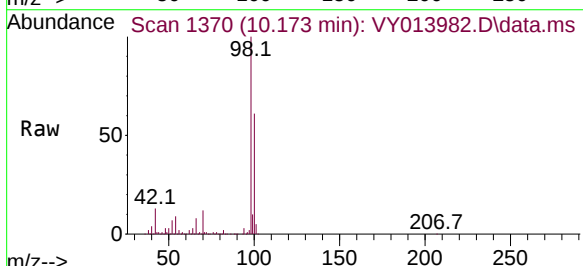
Acq: 02 Jun 2023 12:13

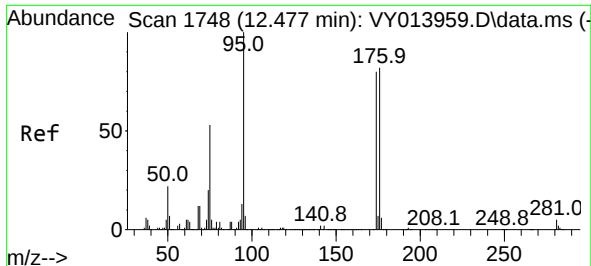
Tgt Ion: 98 Resp: 295056

Ion Ratio Lower Upper

98 100

100 62.4 50.1 75.1

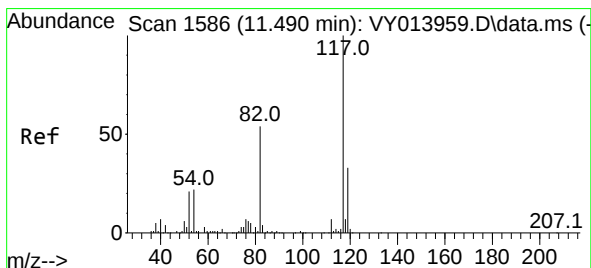
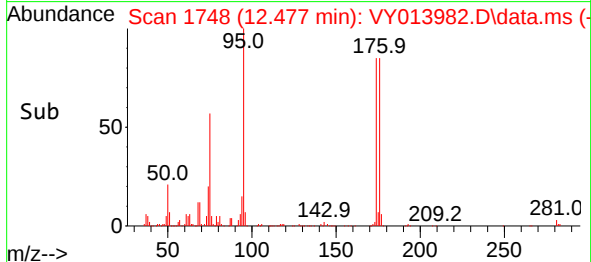
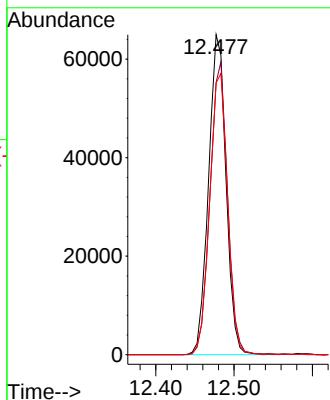
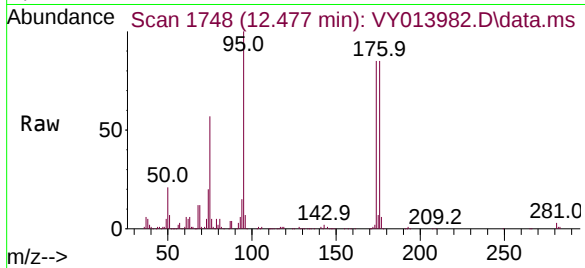




#62
4-Bromofluorobenzene
Concen: 51.063 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

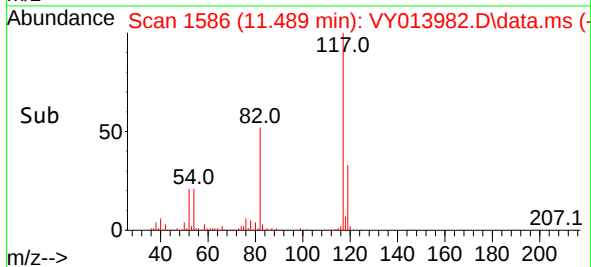
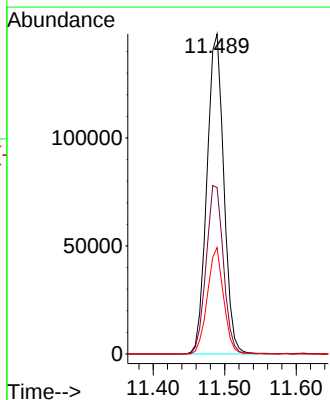
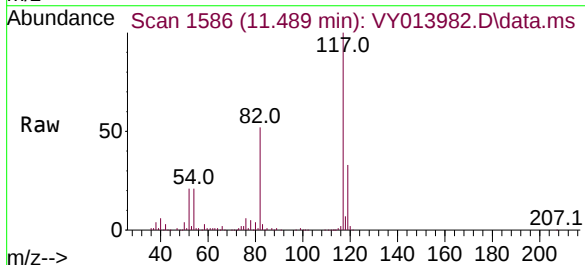
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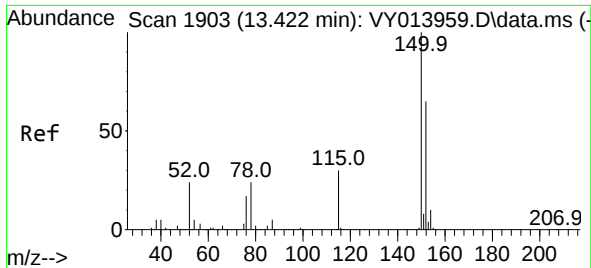
Tgt Ion: 95 Resp: 101015
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 90.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

Tgt Ion: 117 Resp: 242910
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 33.2 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: VY013982.D

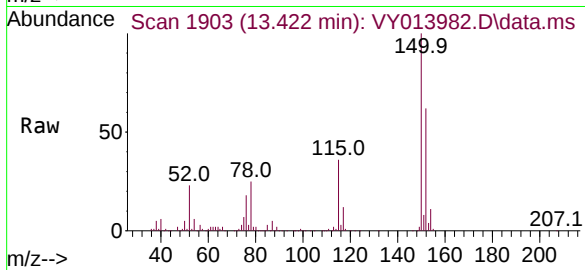
Acq: 02 Jun 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

SB05A



Tgt Ion:152 Resp: 109486

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 161.5 0.0 348.8

