

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013993.D
 Acq On : 02 Jun 2023 16:31
 Operator : KP/MD
 Sample : 03008-04
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-19-0A

Quant Time: Jun 05 09:44:29 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)

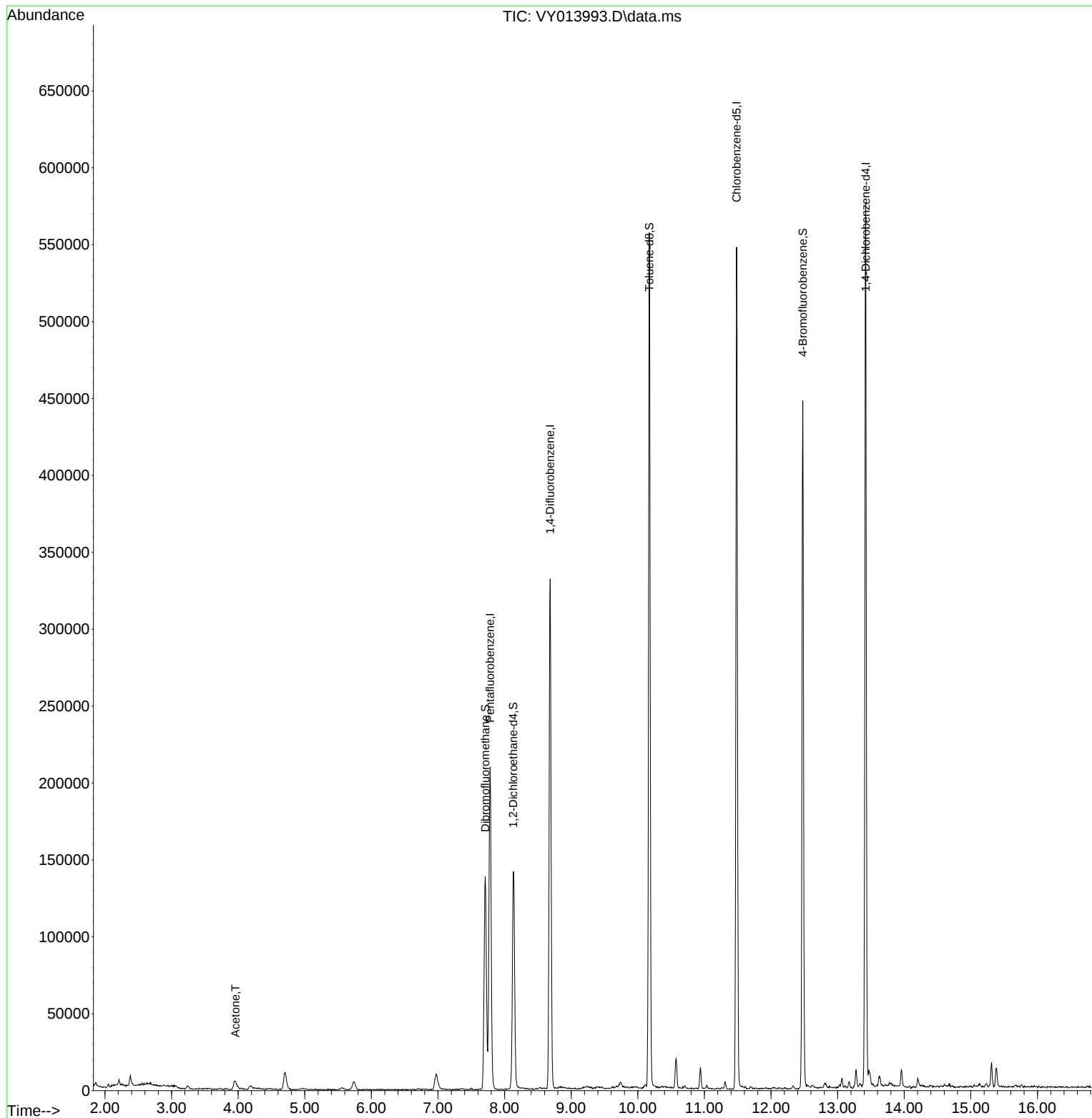
Internal Standards						
1) Pentafluorobenzene	7.783	168	159440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	287030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	119595	56.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.320%	
35) Dibromofluoromethane	7.709	113	95296	53.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.520%	
50) Toluene-d8	10.172	98	351389	51.968	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.477	95	123328	53.500	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.000%	
Target Compounds						Qvalue
16) Acetone	3.960	43	12680	17.560	ug/l	96

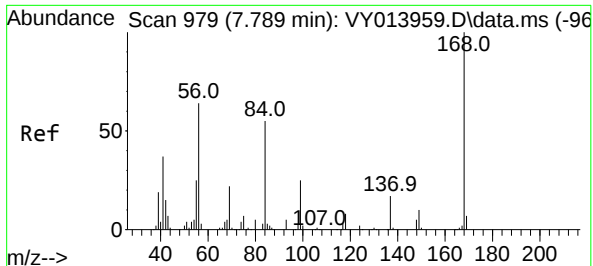
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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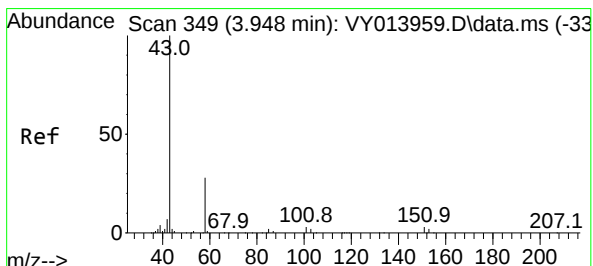
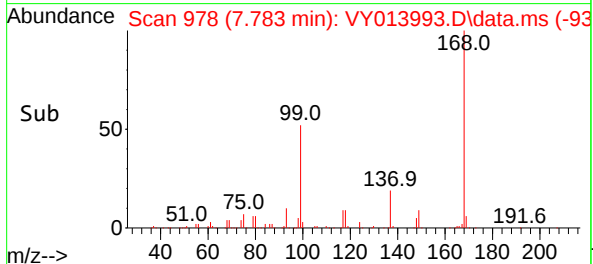
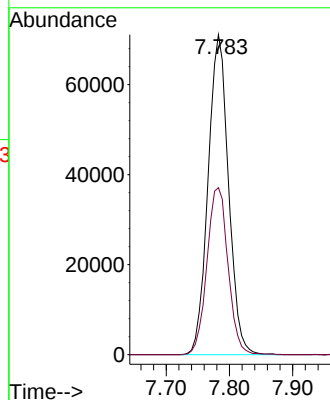
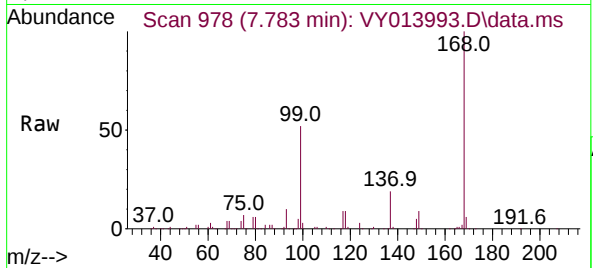




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013993.D
Acq: 02 Jun 2023 16:31

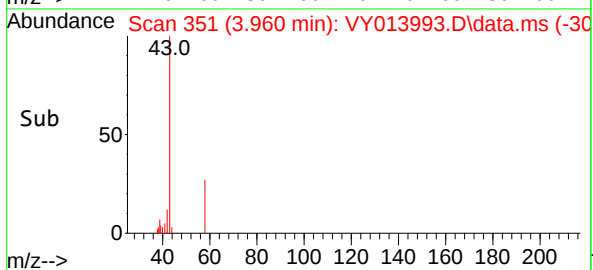
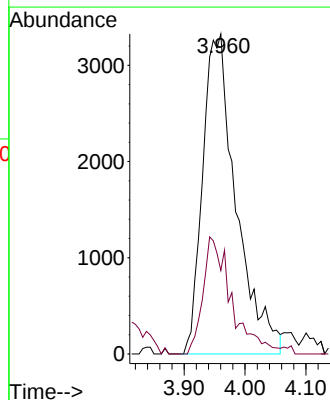
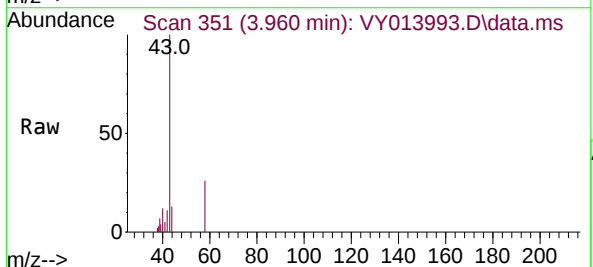
Instrument :
MSVOA_Y
ClientSampleId :
TP-19-0A

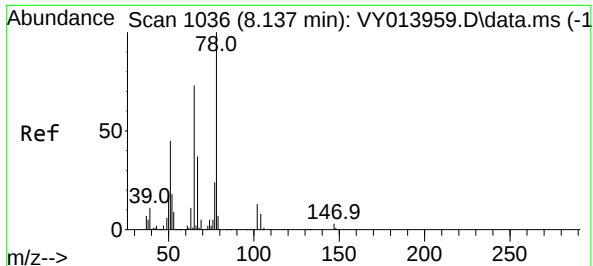
Tgt Ion:168 Resp: 159440
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#16
Acetone
Concen: 17.560 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013993.D
Acq: 02 Jun 2023 16:31

Tgt Ion: 43 Resp: 12680
Ion Ratio Lower Upper
43 100
58 26.1 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 56.664 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY013993.D

Acq: 02 Jun 2023 16:31

Instrument :

MSVOA_Y

ClientSampleId :

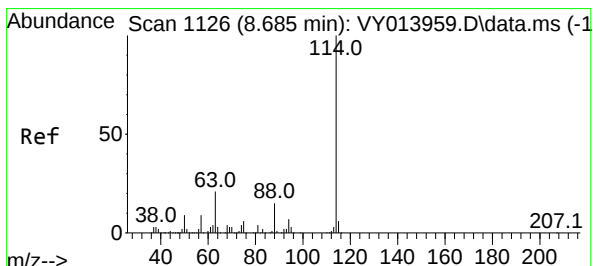
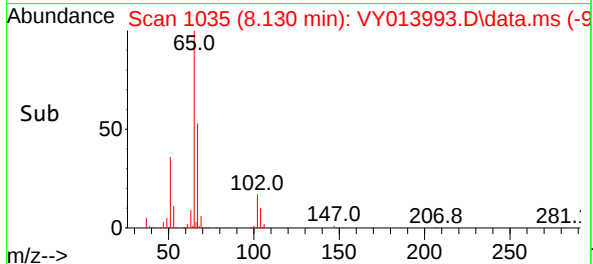
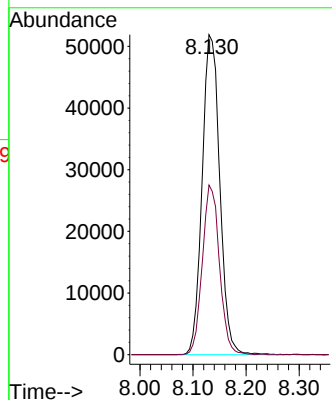
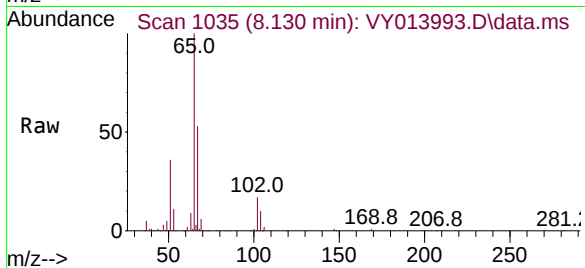
TP-19-0A

Tgt Ion: 65 Resp: 119595

Ion Ratio Lower Upper

65 100

67 51.5 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: VY013993.D

Acq: 02 Jun 2023 16:31

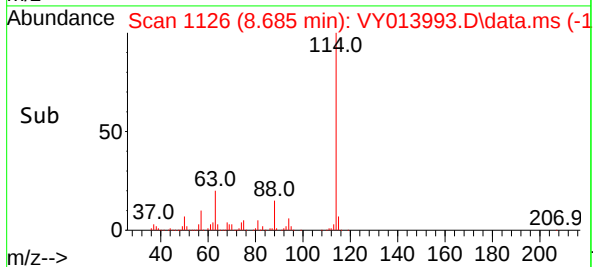
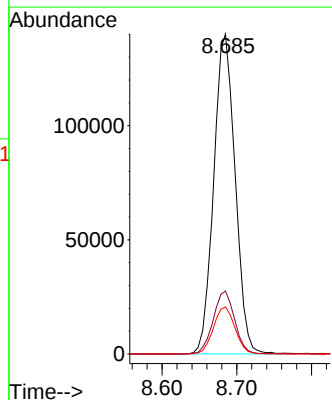
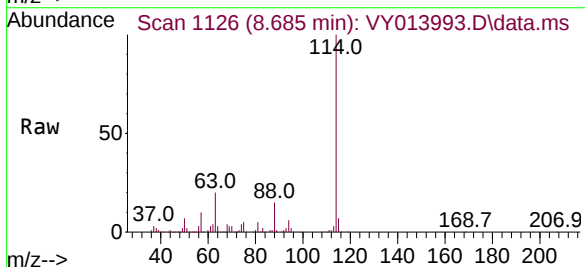
Tgt Ion: 114 Resp: 278935

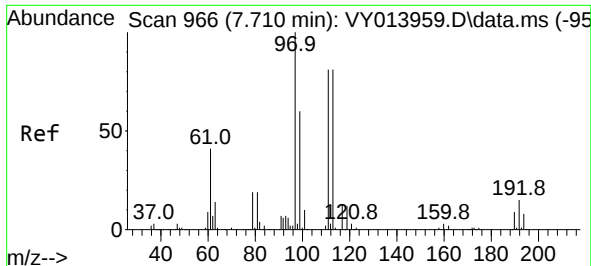
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.7 0.0 30.6

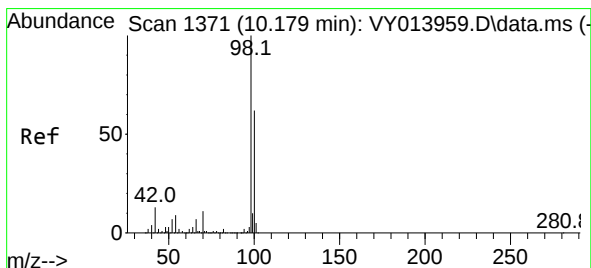
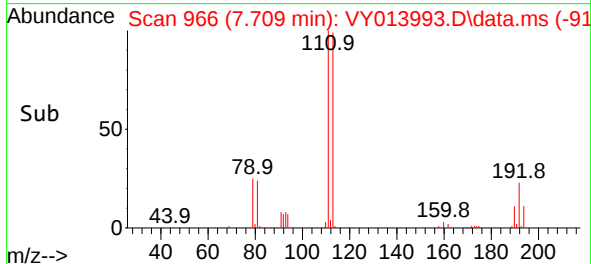
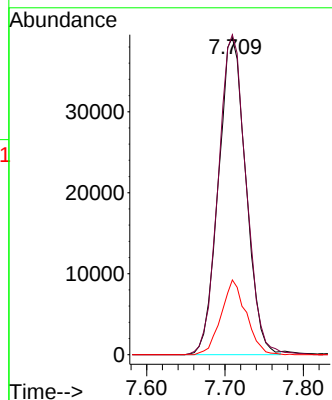
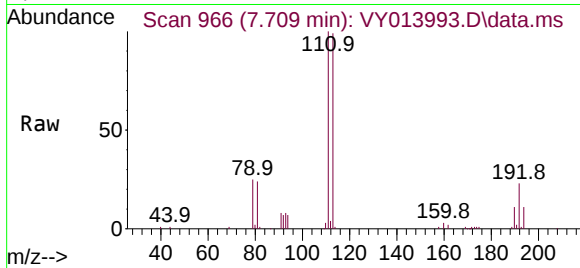




#35
Dibromofluoromethane
Concen: 53.759 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013993.D
Acq: 02 Jun 2023 16:31

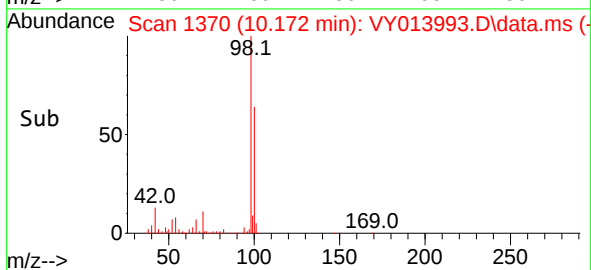
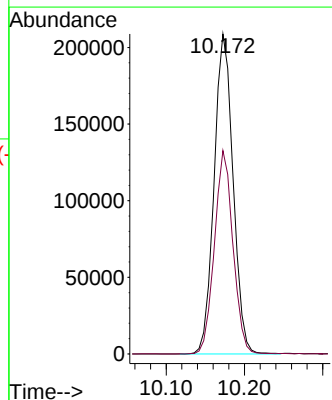
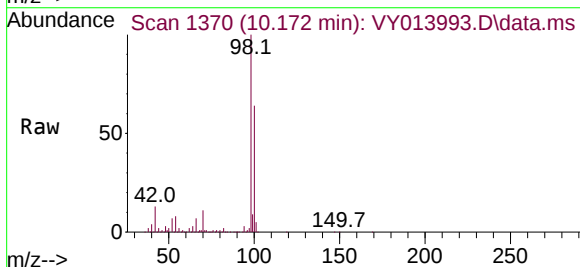
Instrument :
MSVOA_Y
ClientSampleId :
TP-19-0A

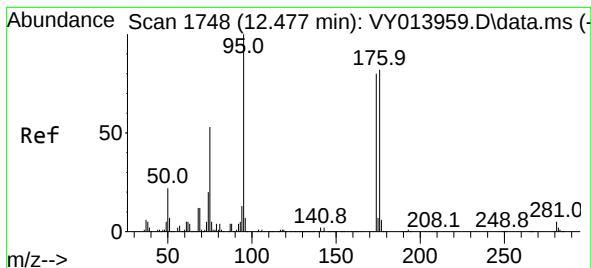
Tgt Ion:113 Resp: 95296
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 21.6 16.9 25.3



#50
Toluene-d8
Concen: 51.968 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013993.D
Acq: 02 Jun 2023 16:31

Tgt Ion: 98 Resp: 351389
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1

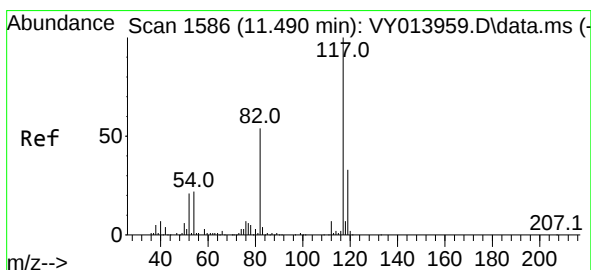
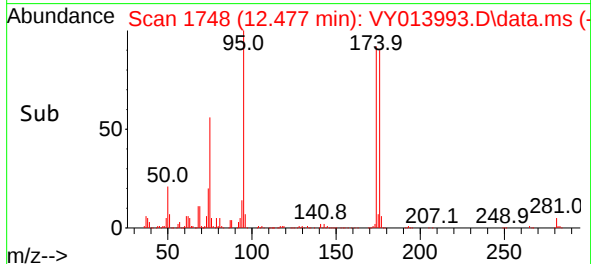
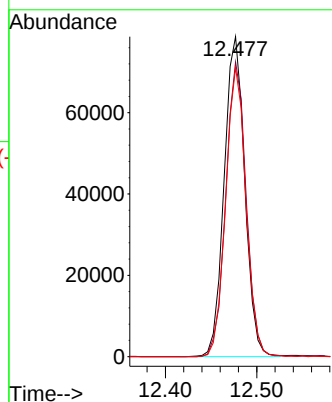
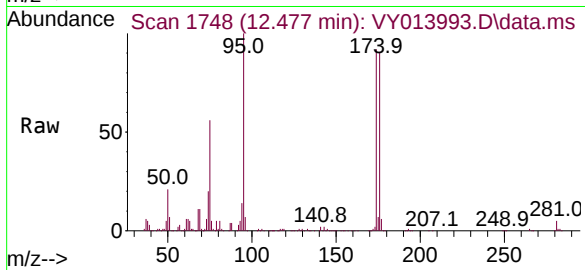




#62
4-Bromofluorobenzene
Concen: 53.500 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013993.D
Acq: 02 Jun 2023 16:31

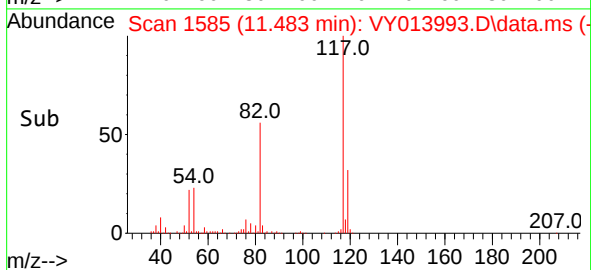
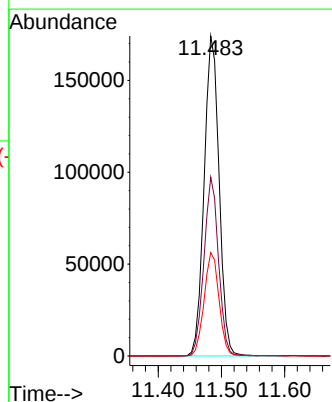
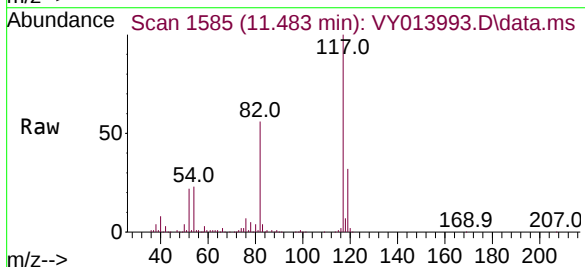
Instrument :
MSVOA_Y
ClientSampleId :
TP-19-0A

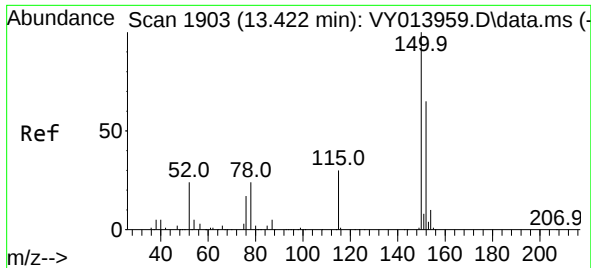
Tgt Ion: 95 Resp: 123328
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 88.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013993.D
Acq: 02 Jun 2023 16:31

Tgt Ion: 117 Resp: 287030
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 32.3 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: VY013993.D

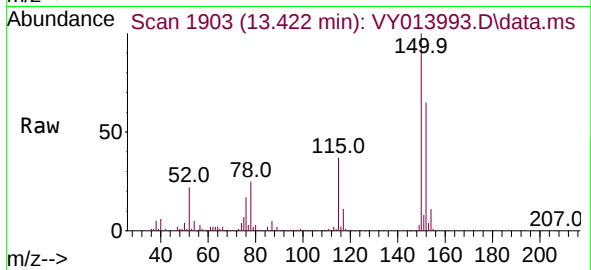
Acq: 02 Jun 2023 16:31

Instrument :

MSVOA_Y

ClientSampleId :

TP-19-0A



Tgt Ion:152 Resp: 141442

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.6 0.0 348.8

