

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010795.D
 Acq On : 04 Oct 2022 15:10
 Operator : KP/MD
 Sample : N4948-03
 Misc : 6.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-8

Quant Time: Oct 05 07:29:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

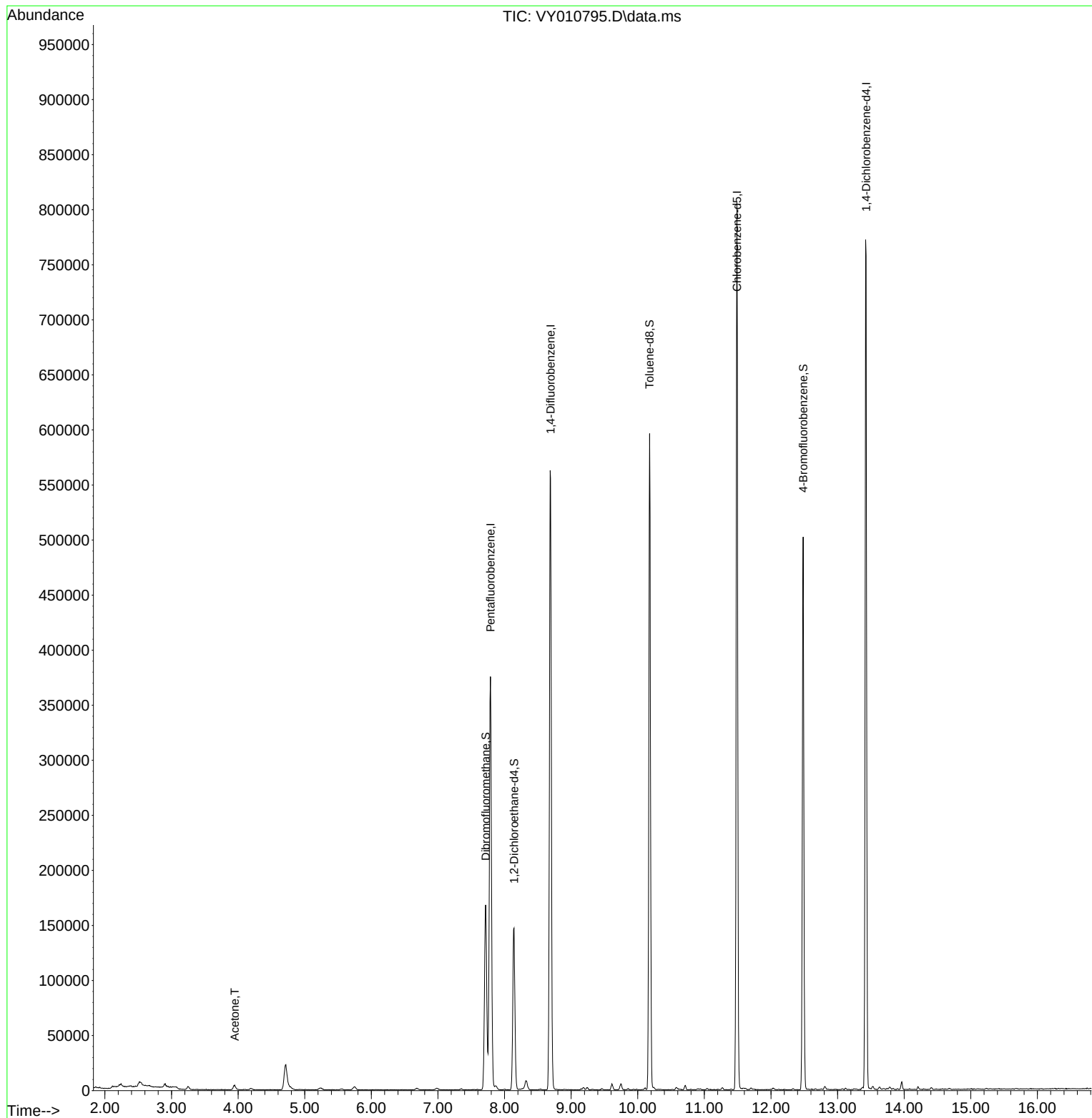
Internal Standards						
1) Pentafluorobenzene	7.789	168	289879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	490854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	429444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	201188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	115936	39.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.920%
35) Dibromofluoromethane	7.716	113	119333	36.624	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.240%
50) Toluene-d8	10.179	98	388365	34.853	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.700%
62) 4-Bromofluorobenzene	12.483	95	143033	31.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.980%
Target Compounds						
16) Acetone	3.948	43	6578	8.815	ug/l	Qvalue 97

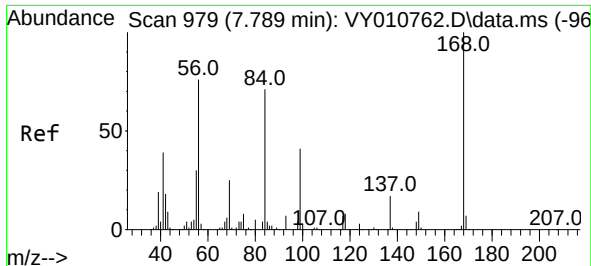
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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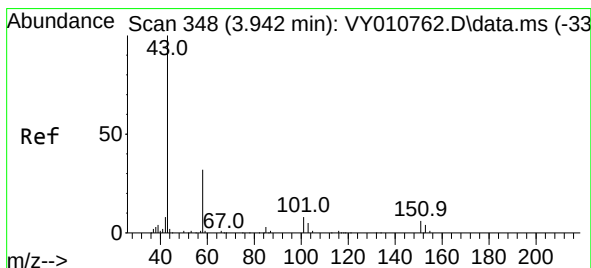
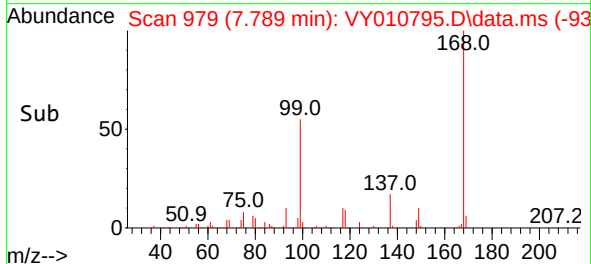
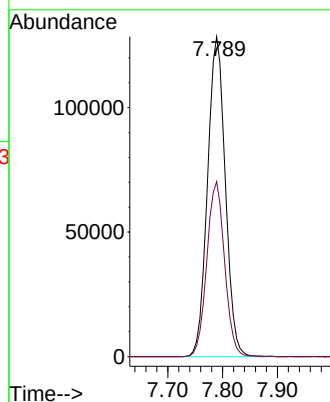
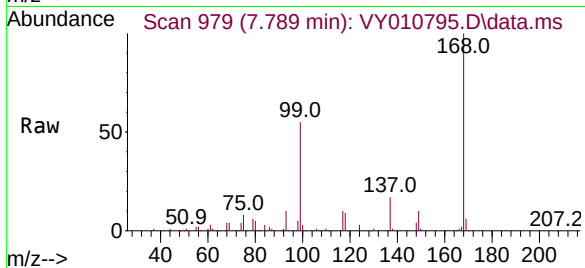




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

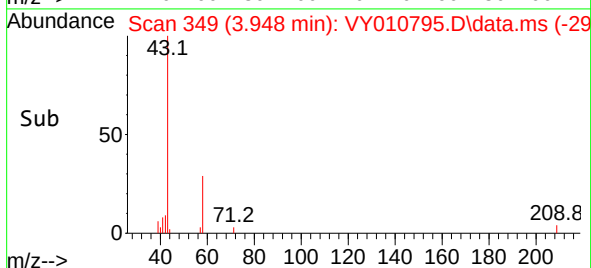
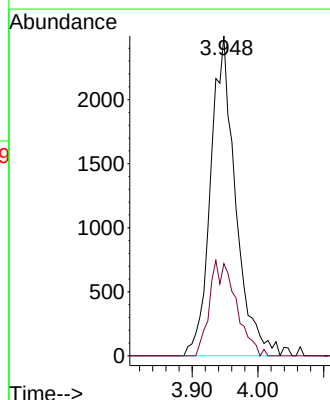
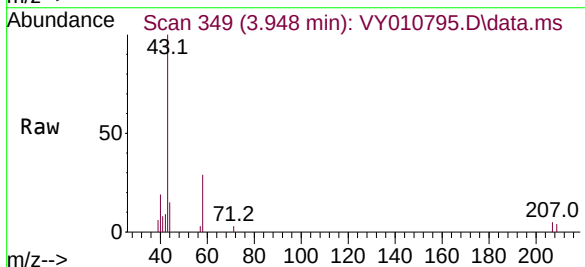
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

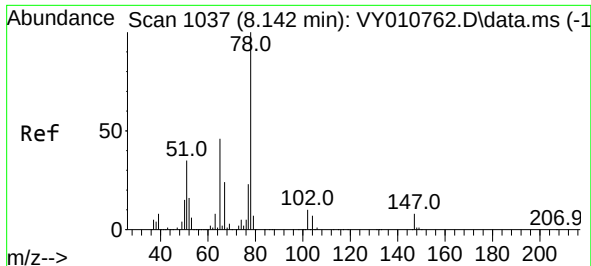
Tgt Ion:168 Resp: 289879
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#16
Acetone
Concen: 8.815 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 43 Resp: 6578
Ion Ratio Lower Upper
43 100
58 28.8 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 39.457 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY010795.D

Acq: 04 Oct 2022 15:10

Instrument :

MSVOA_Y

ClientSampleId :

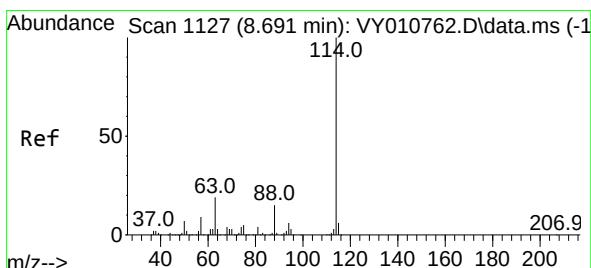
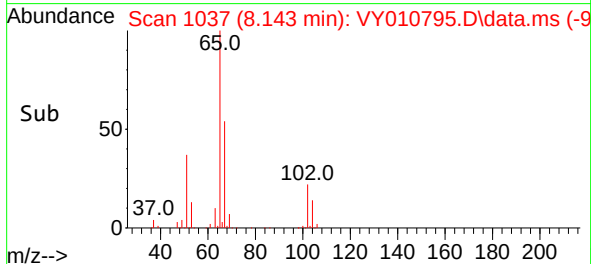
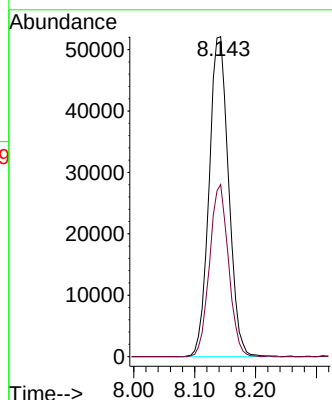
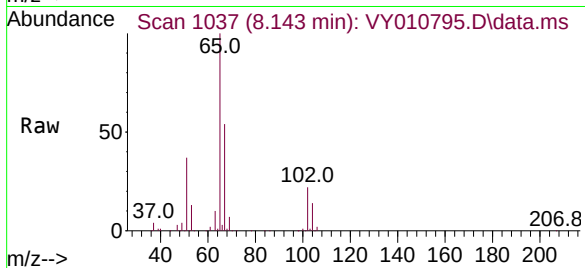
PE-8

Tgt Ion: 65 Resp: 115936

Ion Ratio Lower Upper

65 100

67 52.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010795.D

Acq: 04 Oct 2022 15:10

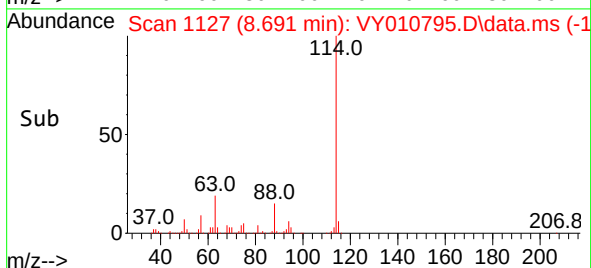
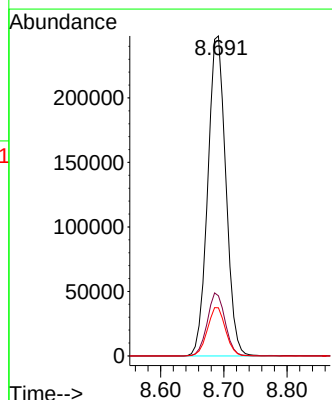
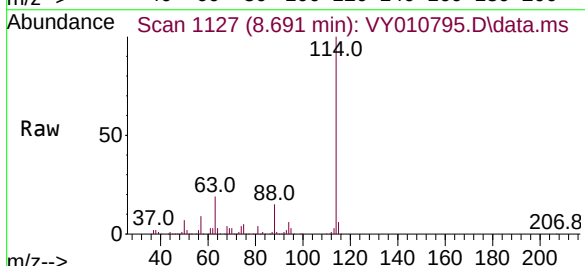
Tgt Ion: 114 Resp: 490854

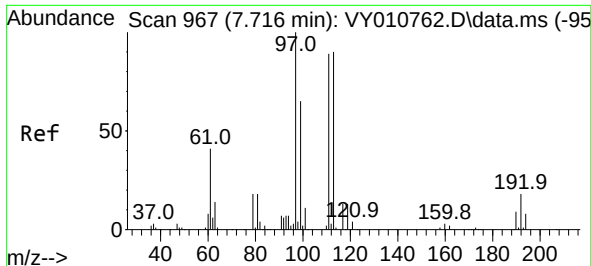
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.0 0.0 31.8

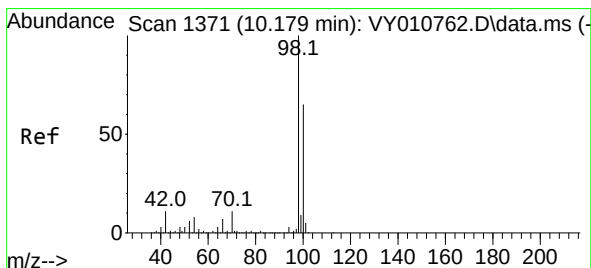
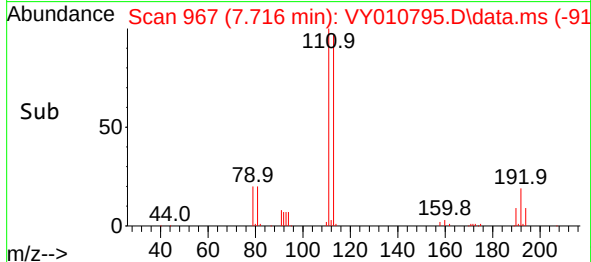
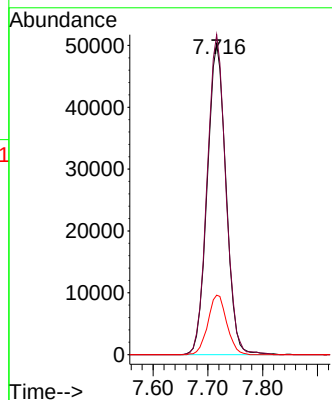
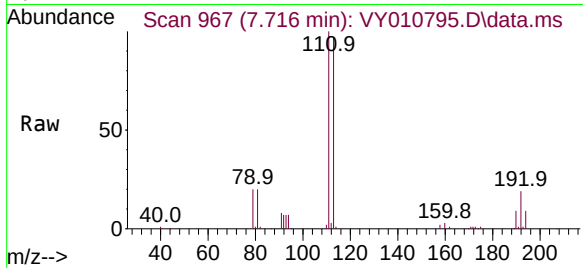




#35
Dibromofluoromethane
Concen: 36.624 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

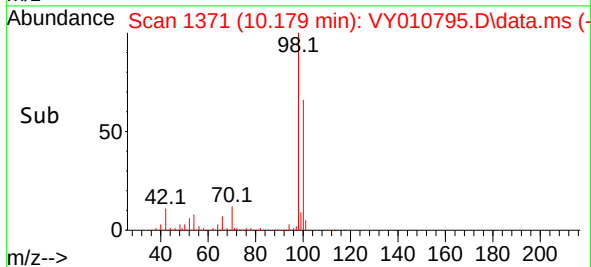
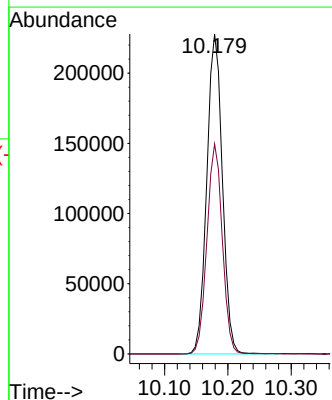
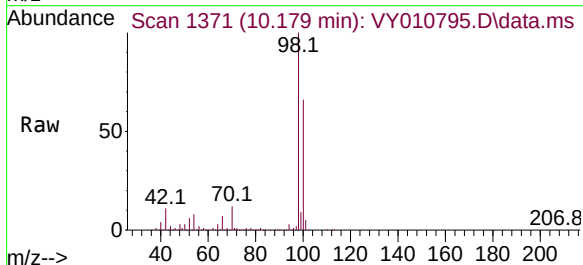
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

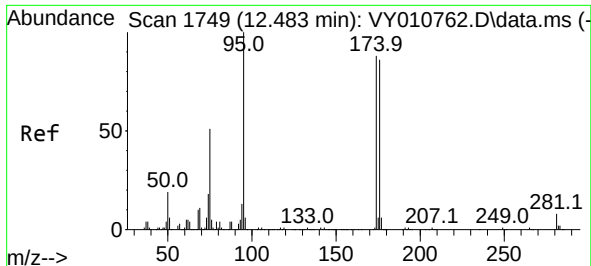
Tgt Ion:113 Resp: 119333
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 19.2 17.6 26.4



#50
Toluene-d8
Concen: 34.853 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 98 Resp: 388365
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

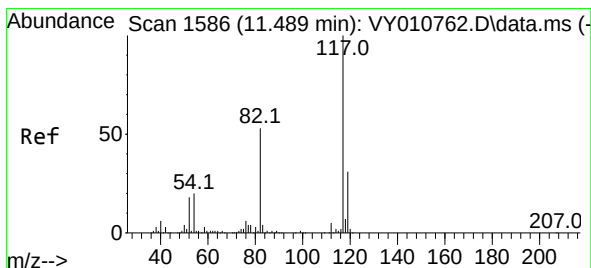
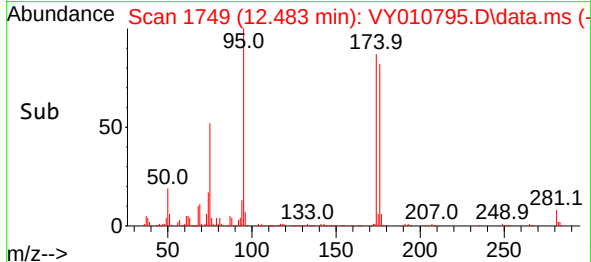
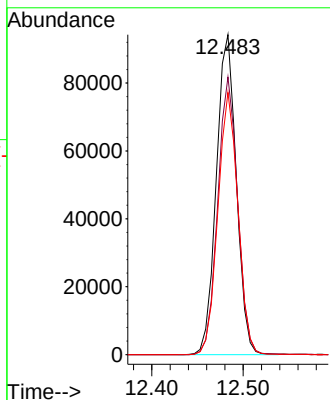
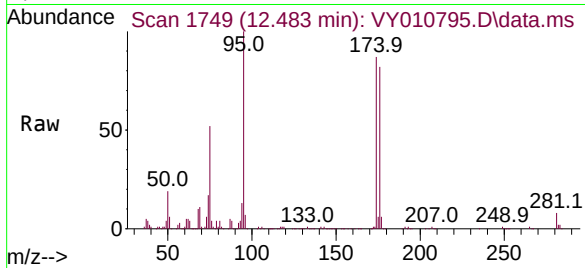




#62
4-Bromofluorobenzene
Concen: 31.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

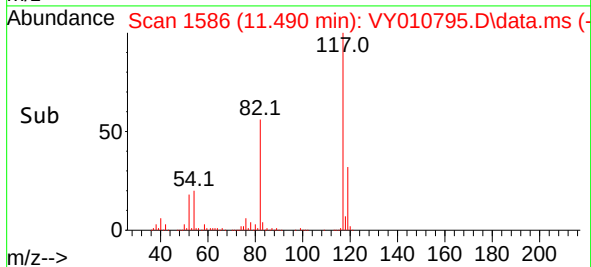
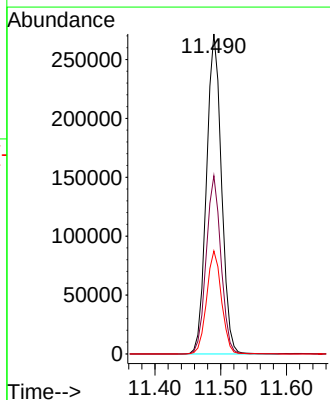
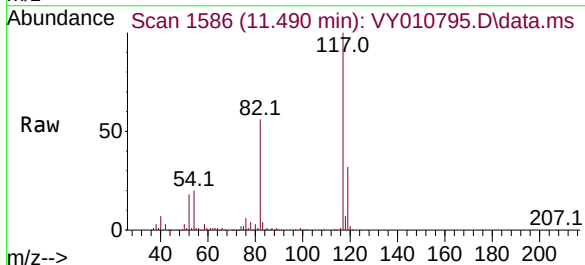
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

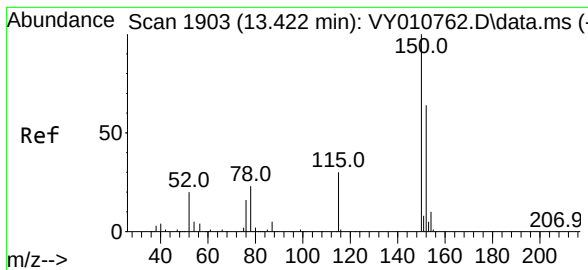
Tgt Ion: 95 Resp: 143033
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 82.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

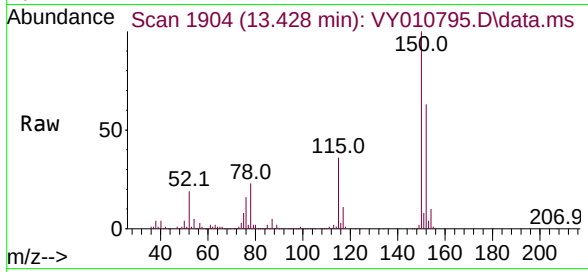
Tgt Ion: 117 Resp: 429444
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY010795.D
 Acq: 04 Oct 2022 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-8



Tgt Ion:152 Resp: 201188
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.2 84.7
 150 157.1 0.0 347.6

