

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010828.D
 Acq On : 05 Oct 2022 18:17
 Operator : KP/MD
 Sample : N5004-08
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22009-18

Quant Time: Oct 06 09:23:21 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)

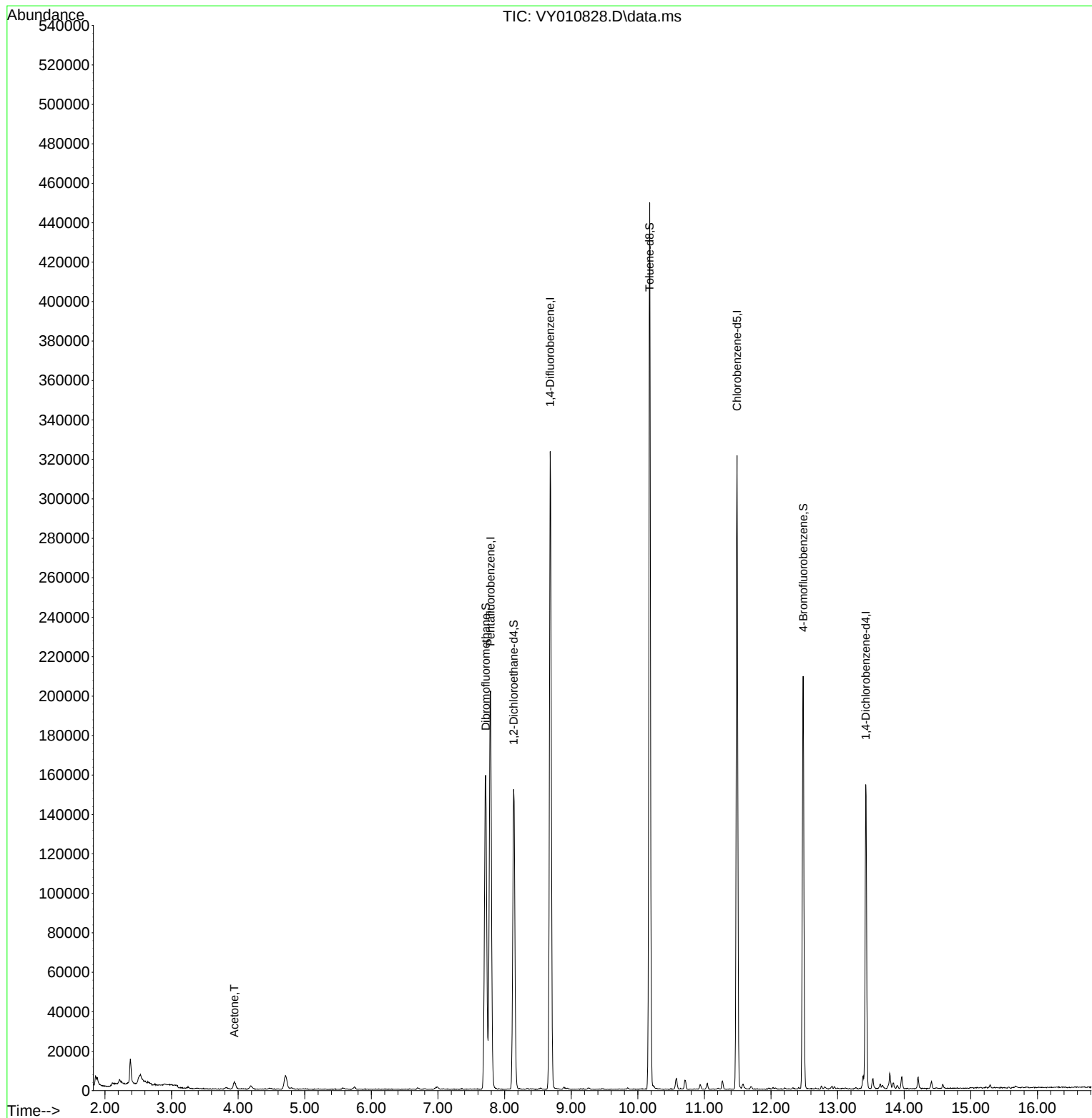
Internal Standards						
1) Pentafluorobenzene	7.789	168	158262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	174051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117986	73.549	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.100%
35) Dibromofluoromethane	7.716	113	113803	63.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.100%
50) Toluene-d8	10.179	98	284096	46.025	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.060%
62) 4-Bromofluorobenzene	12.483	95	58616	22.266	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	44.540%
Target Compounds						
16) Acetone	3.942	43	6577	16.143	ug/l	Qvalue 95

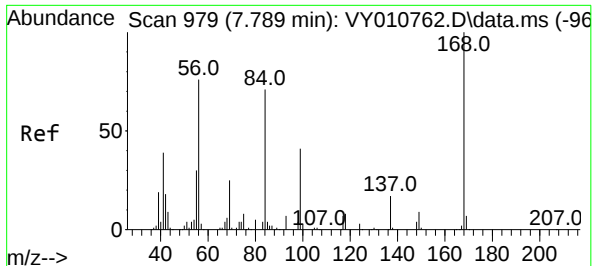
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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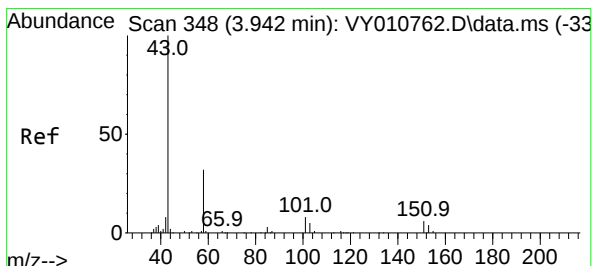
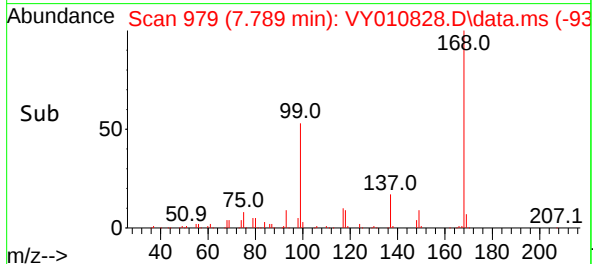
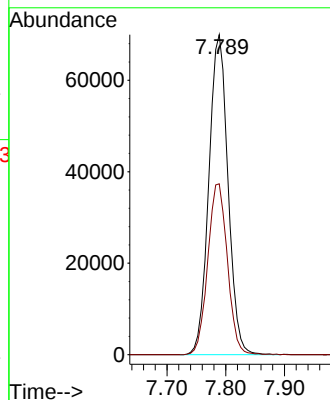
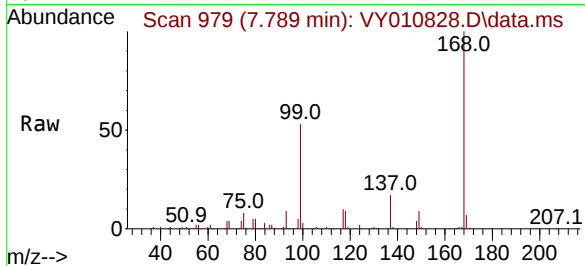




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

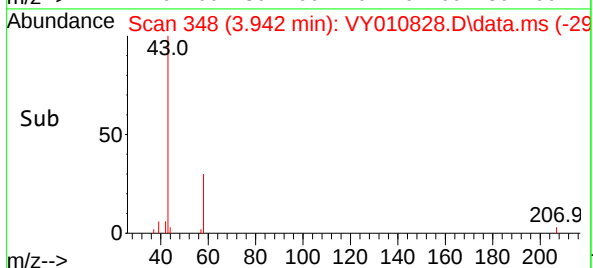
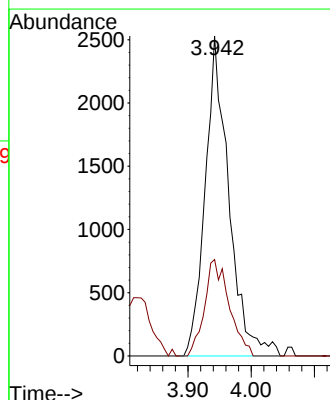
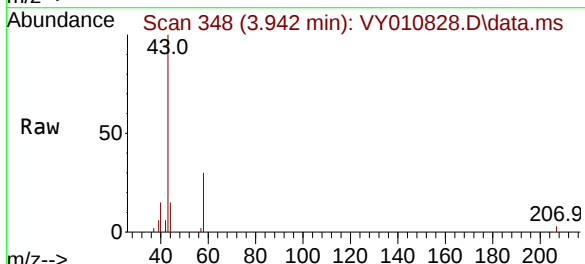
Instrument :
MSVOA_Y
ClientSampleId :
D22009-18

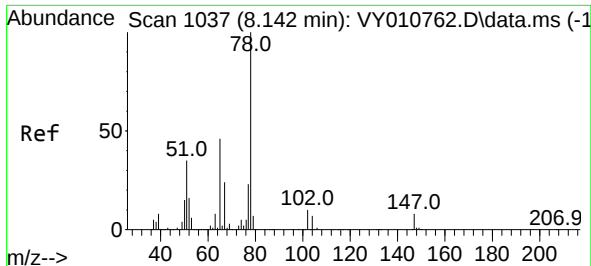
Tgt Ion:168 Resp: 158262
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#16
Acetone
Concen: 16.143 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Tgt Ion: 43 Resp: 6577
Ion Ratio Lower Upper
43 100
58 30.2 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 73.549 ug/l

RT: 8.136 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010828.D

Acq: 05 Oct 2022 18:17

Instrument :

MSVOA_Y

ClientSampleId :

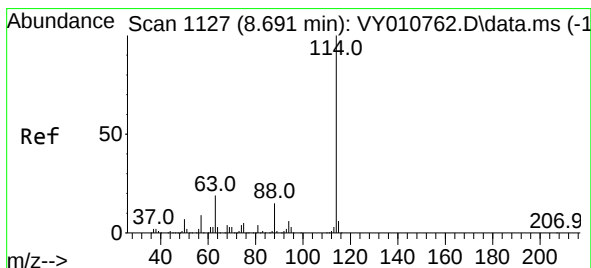
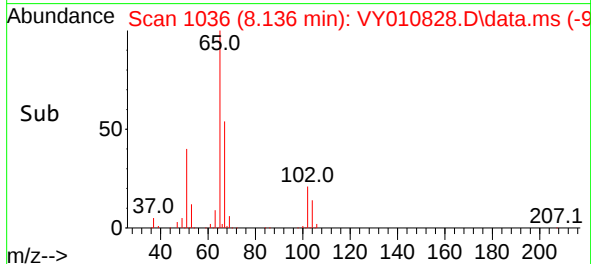
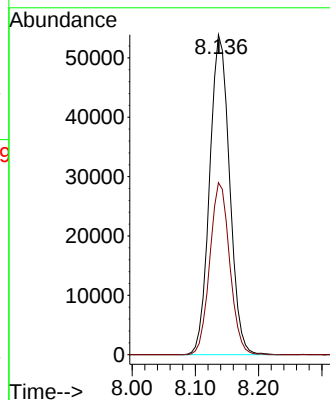
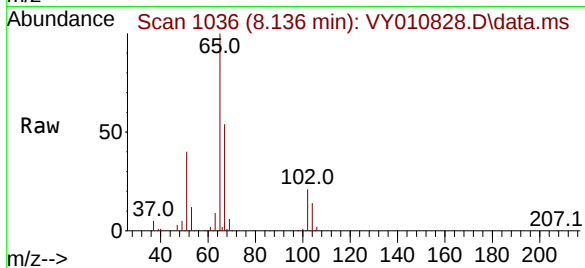
D22009-18

Tgt Ion: 65 Resp: 117986

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010828.D

Acq: 05 Oct 2022 18:17

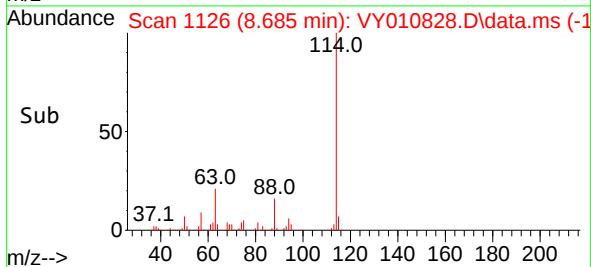
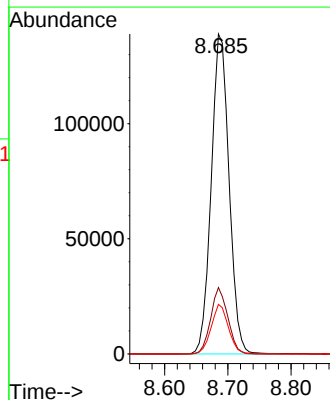
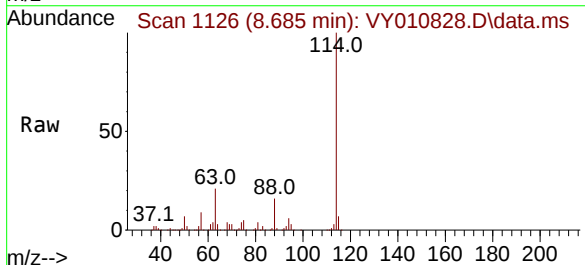
Tgt Ion: 114 Resp: 271903

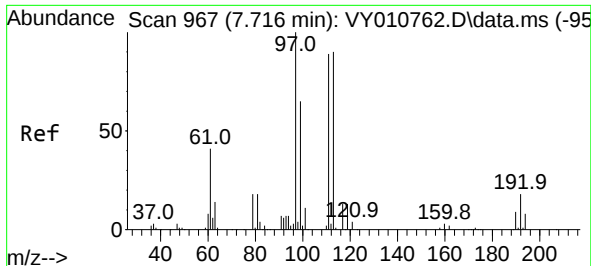
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.5 0.0 31.8

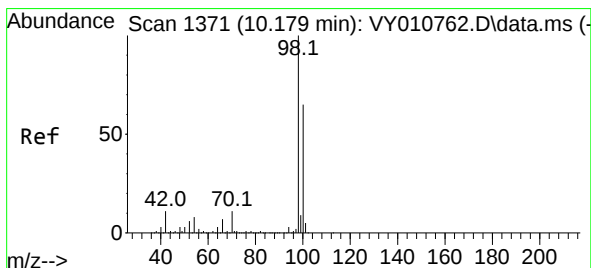
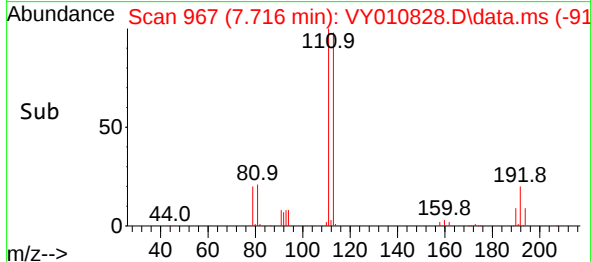
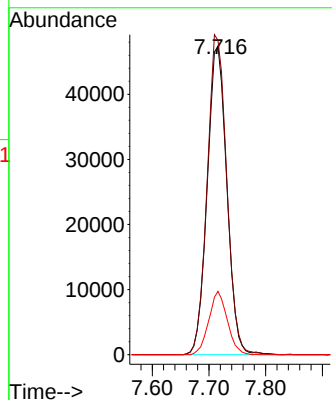
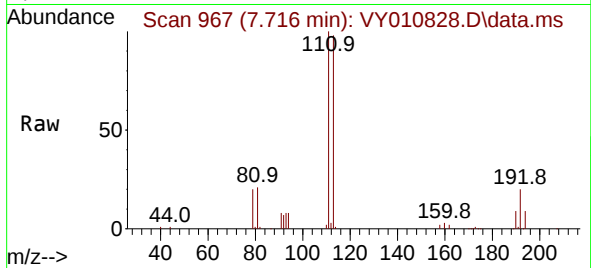




#35
Dibromofluoromethane
Concen: 63.052 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

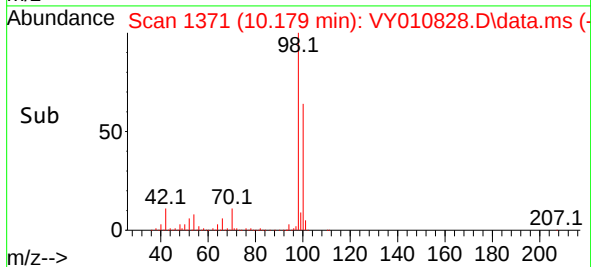
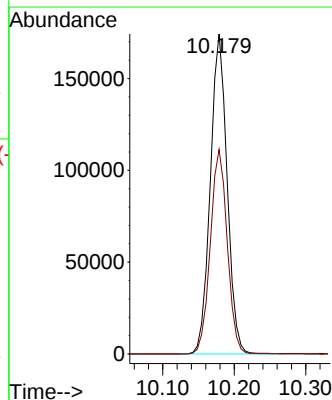
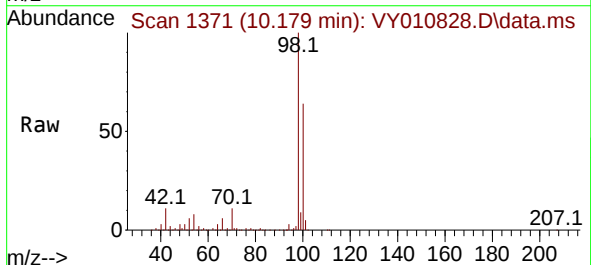
Instrument :
MSVOA_Y
ClientSampleId :
D22009-18

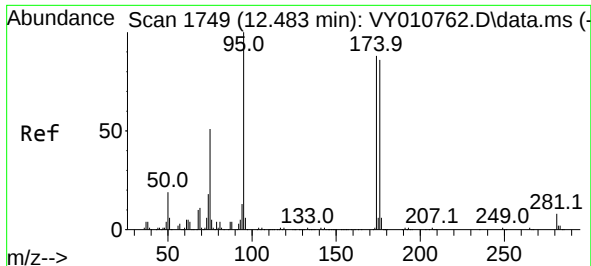
Tgt Ion:113 Resp: 113803
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 46.025 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Tgt Ion: 98 Resp: 284096
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

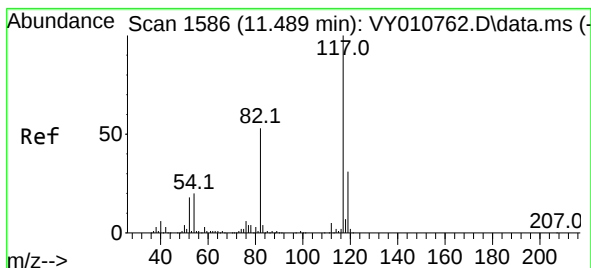
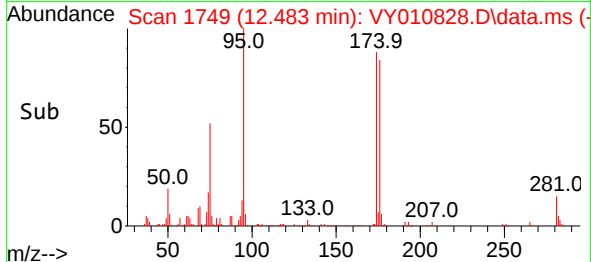
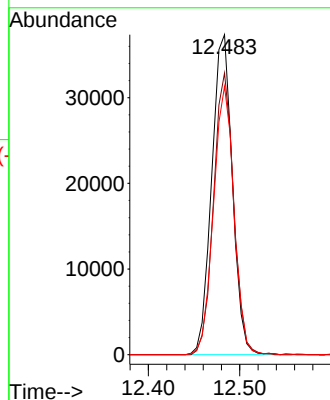
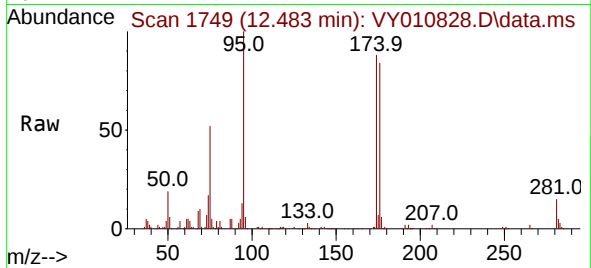




#62
4-Bromofluorobenzene
Concen: 22.266 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

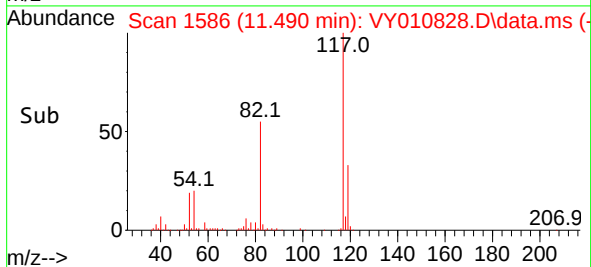
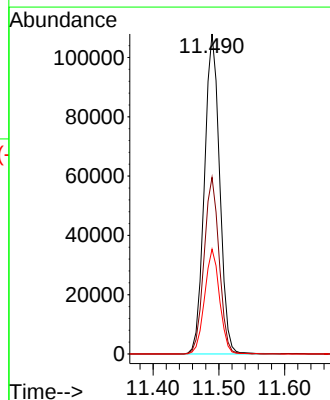
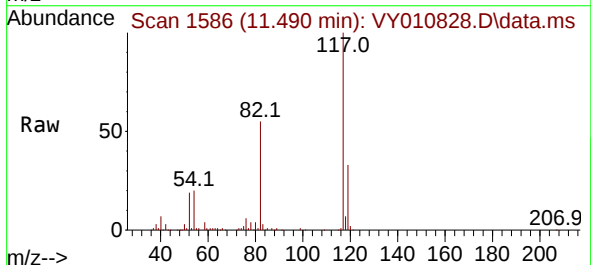
Instrument :
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D22009-18

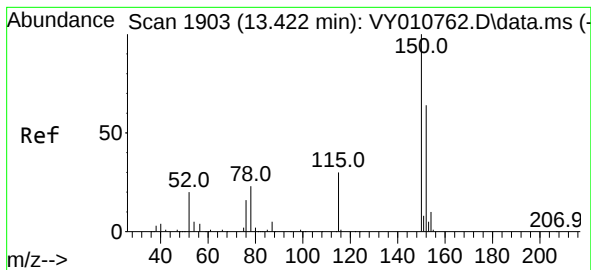
Tgt Ion: 95 Resp: 58616
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 83.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Tgt Ion: 117 Resp: 174051
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010828.D

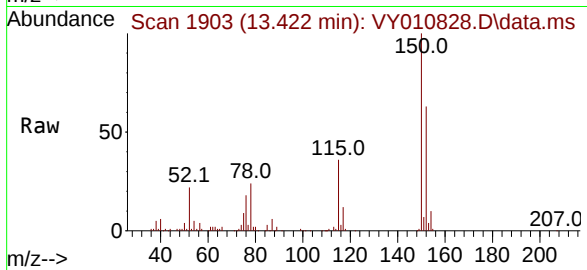
Acq: 05 Oct 2022 18:17

Instrument :

MSVOA_Y

ClientSampleId :

D22009-18



Tgt Ion:152 Resp: 39014

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 159.2 0.0 347.6

