

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
 Data File : VY011728.D
 Acq On : 07 Dec 2022 13:07
 Operator : KP/MD
 Sample : N5897-06
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 21G4

Quant Time: Dec 08 07:56:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

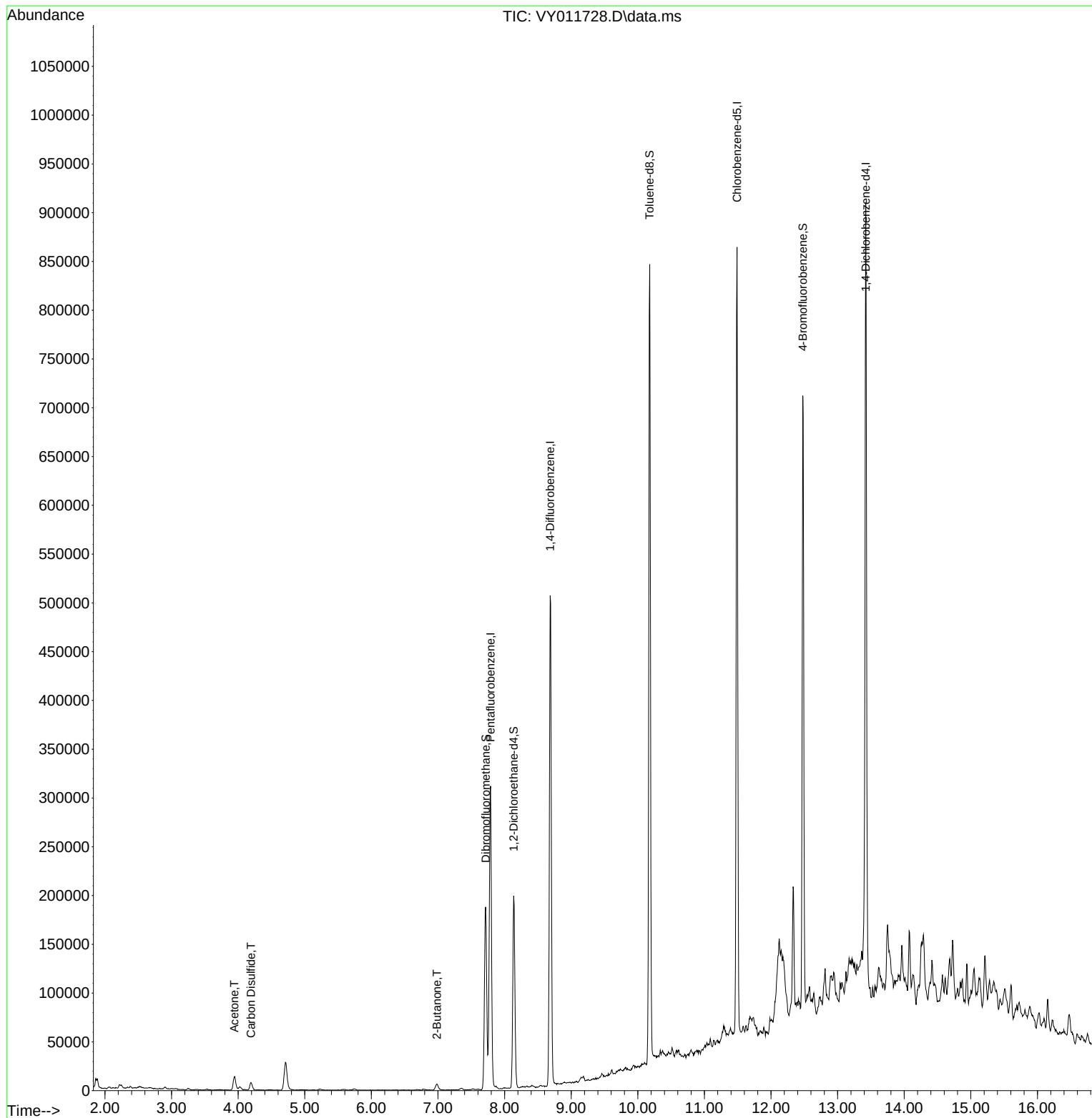
Internal Standards						
1) Pentafluorobenzene	7.789	168	241423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	433892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	435326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	192128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	153059	62.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.880%	
35) Dibromofluoromethane	7.716	113	133425	49.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.900%	
50) Toluene-d8	10.179	98	548498	56.510	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.020%	
62) 4-Bromofluorobenzene	12.477	95	190617	53.116	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.240%	
Target Compounds						
						Qvalue
16) Acetone	3.942	43	24204	30.397	ug/l	90
17) Carbon Disulfide	4.192	76	14779	2.513	ug/l	100
25) 2-Butanone	6.984	43	7709	7.367	ug/l	97

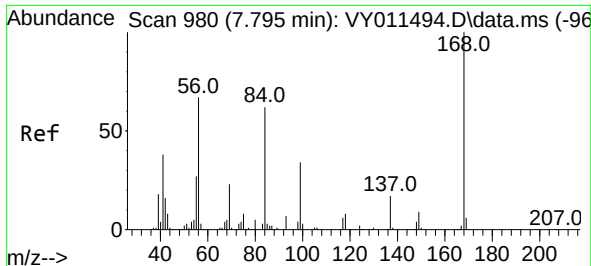
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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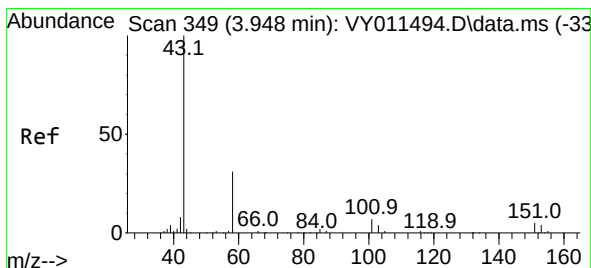
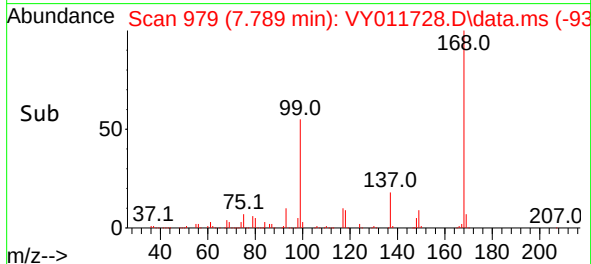
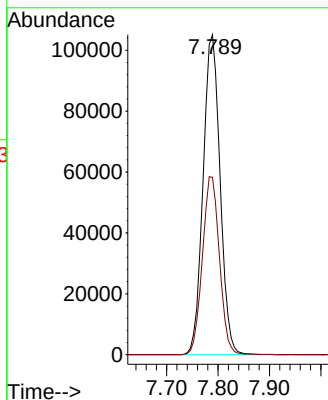
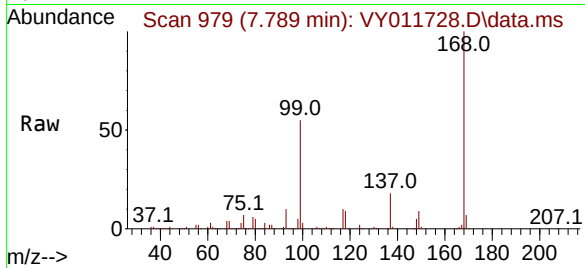




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011728.D
Acq: 07 Dec 2022 13:07

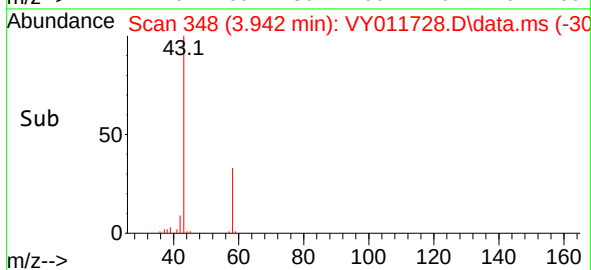
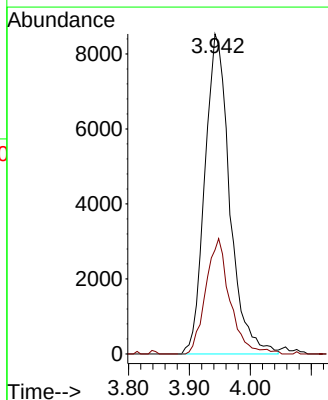
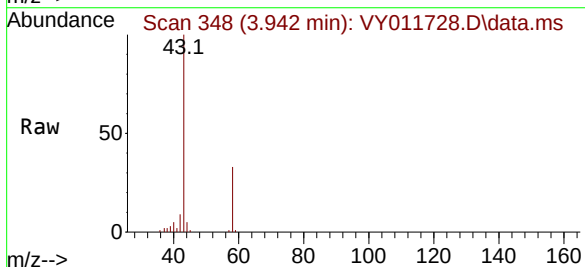
Instrument :
MSVOA_Y
ClientSampleId :
21G4

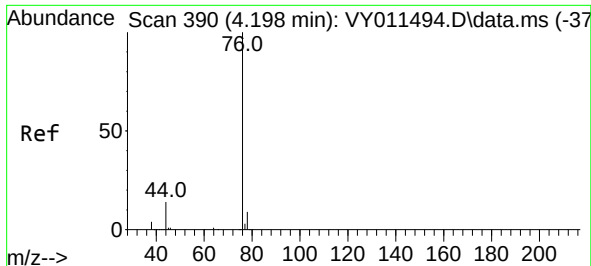
Tgt Ion:168 Resp: 241423
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#16
Acetone
Concen: 30.397 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011728.D
Acq: 07 Dec 2022 13:07

Tgt Ion: 43 Resp: 24204
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0

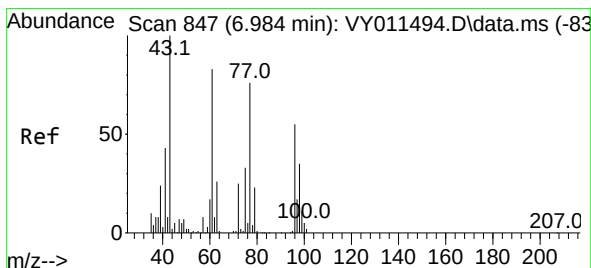
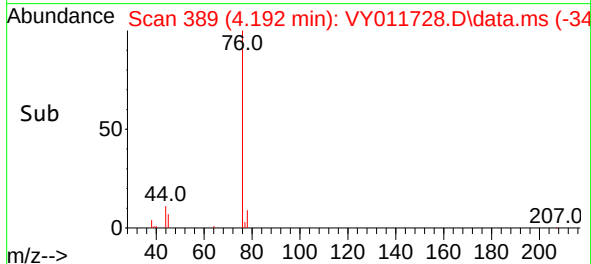
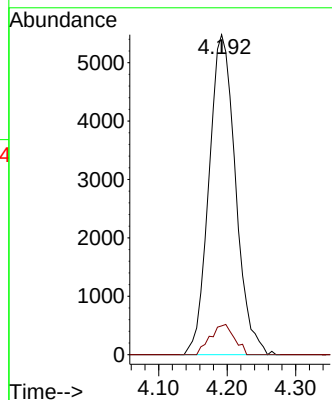
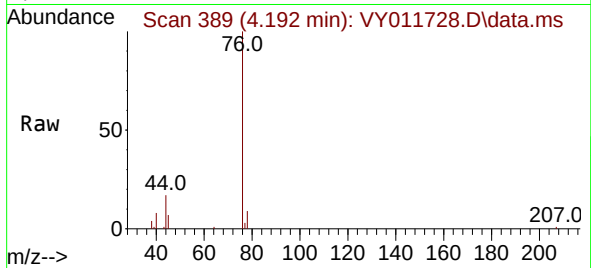




#17
Carbon Disulfide
Concen: 2.513 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY011728.D
Acq: 07 Dec 2022 13:07

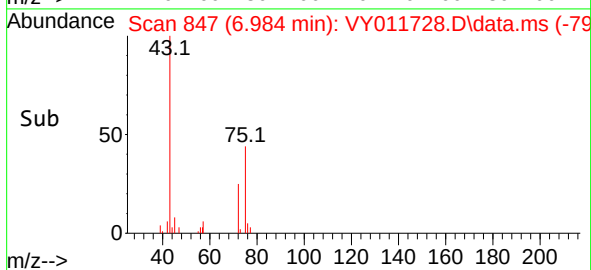
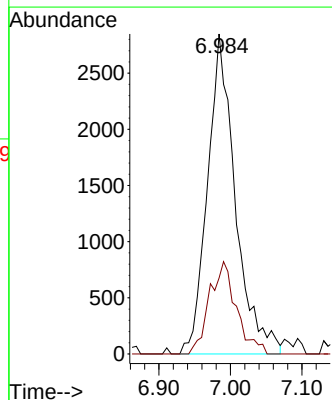
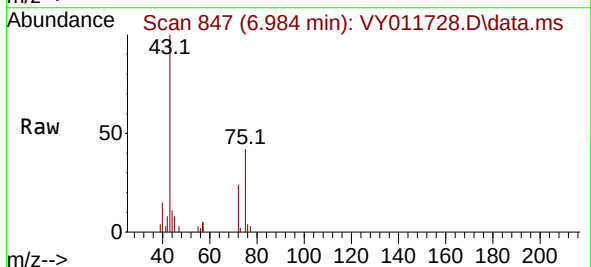
Instrument :
MSVOA_Y
ClientSampleId :
21G4

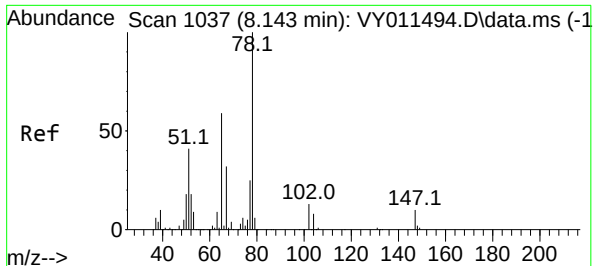
Tgt Ion: 76 Resp: 14779
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#25
2-Butanone
Concen: 7.367 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011728.D
Acq: 07 Dec 2022 13:07

Tgt Ion: 43 Resp: 7709
Ion Ratio Lower Upper
43 100
72 23.8 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 62.437 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY011728.D

Acq: 07 Dec 2022 13:07

Instrument :

MSVOA_Y

ClientSampleId :

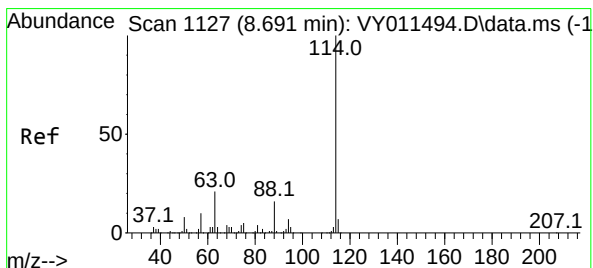
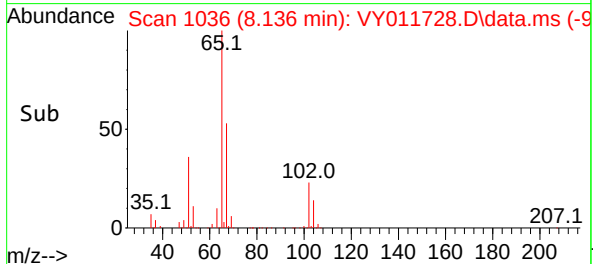
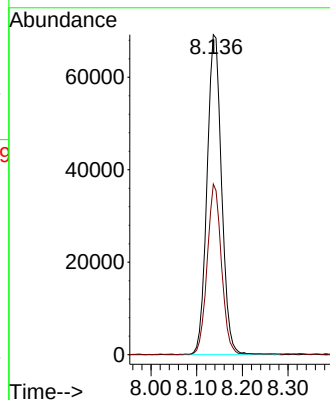
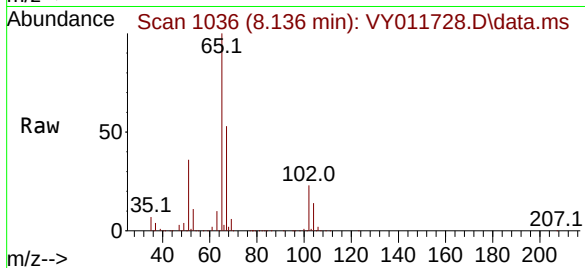
21G4

Tgt Ion: 65 Resp: 153059

Ion Ratio Lower Upper

65 100

67 52.7 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: VY011728.D

Acq: 07 Dec 2022 13:07

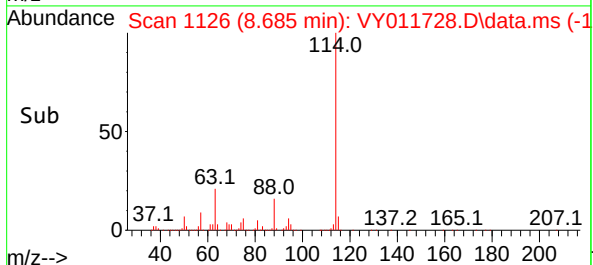
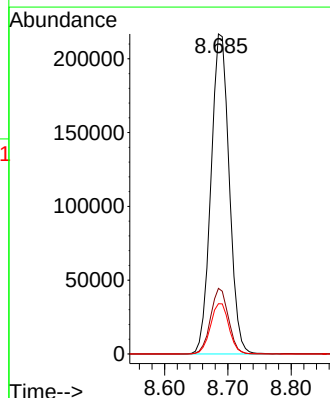
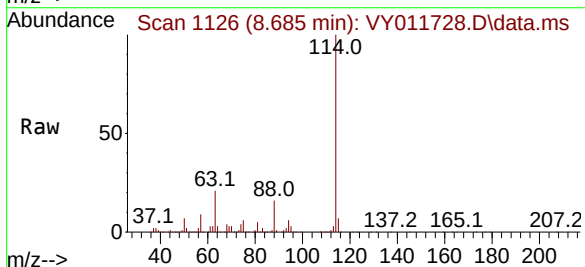
Tgt Ion: 114 Resp: 433892

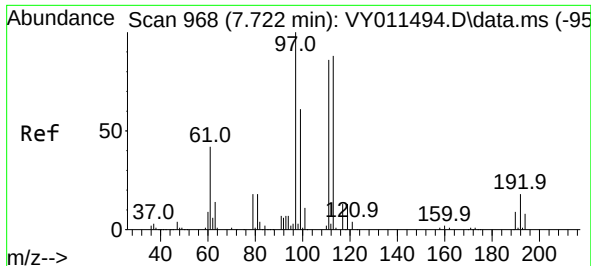
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.7 0.0 31.8

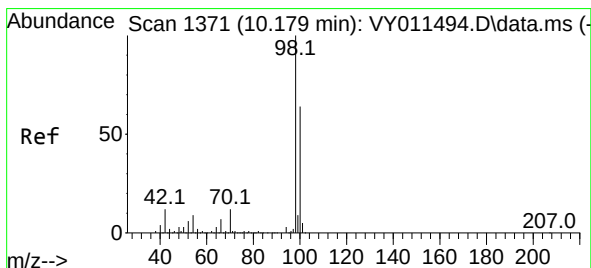
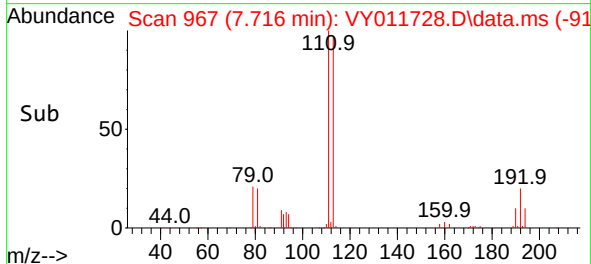
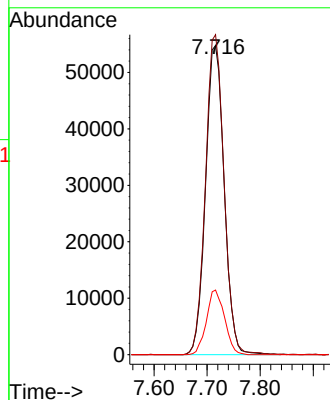
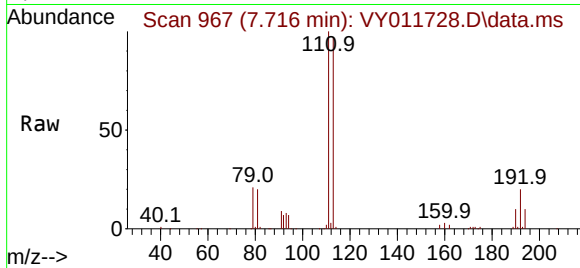




#35
Dibromofluoromethane
Concen: 49.953 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY011728.D
Acq: 07 Dec 2022 13:07

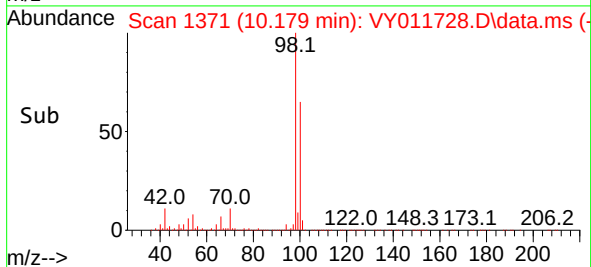
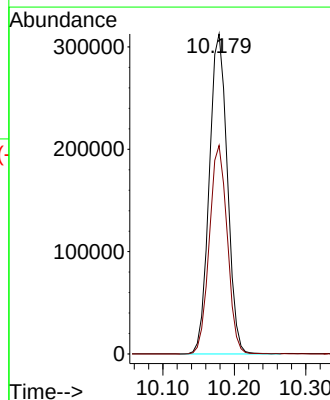
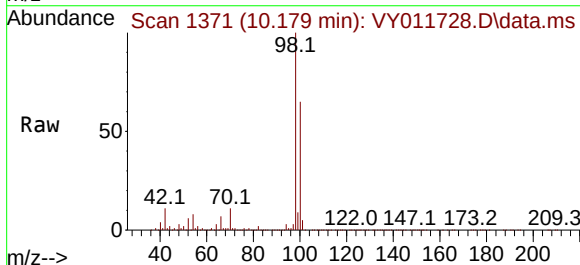
Instrument :
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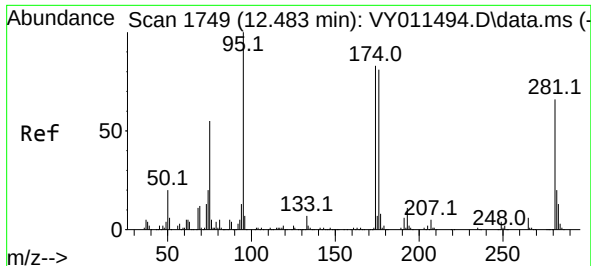
Tgt Ion:113 Resp: 133425
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 56.510 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011728.D
Acq: 07 Dec 2022 13:07

Tgt Ion: 98 Resp: 548498
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

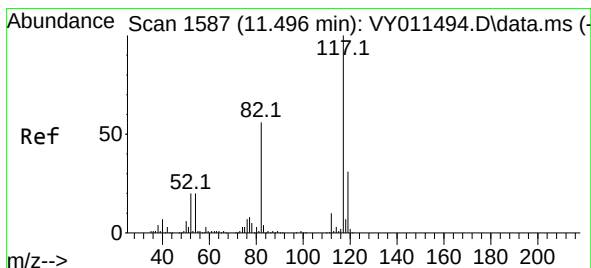
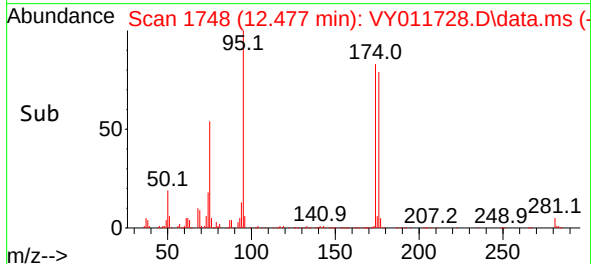
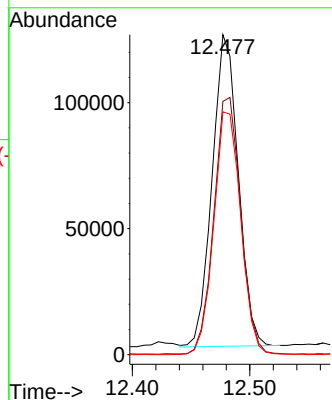
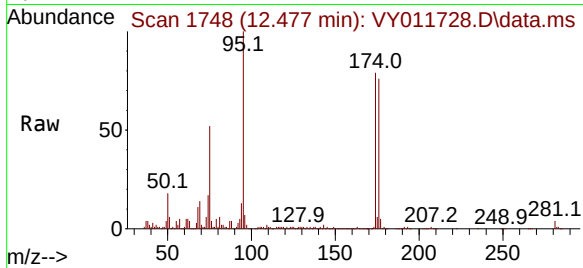




#62
4-Bromofluorobenzene
Concen: 53.116 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011728.D
Acq: 07 Dec 2022 13:07

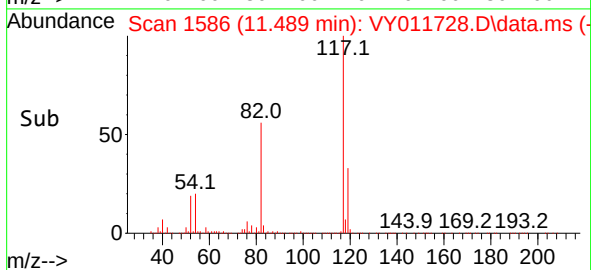
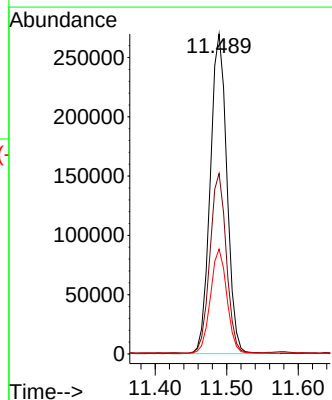
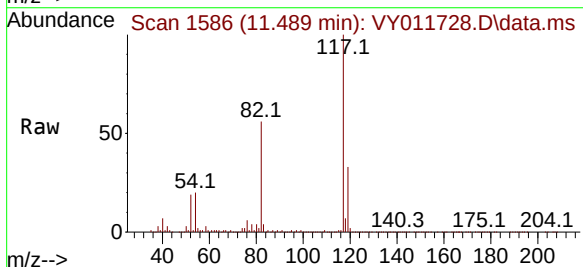
Instrument :
MSVOA_Y
ClientSampleId :
21G4

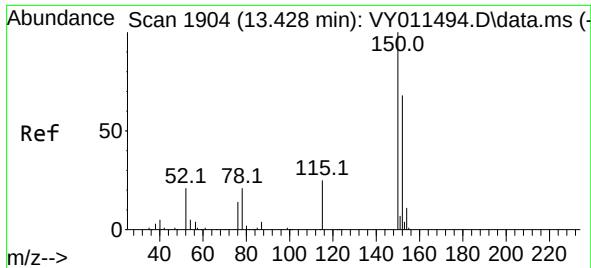
Tgt Ion: 95 Resp: 190617
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 80.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011728.D
Acq: 07 Dec 2022 13:07

Tgt Ion: 117 Resp: 435326
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 32.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY011728.D

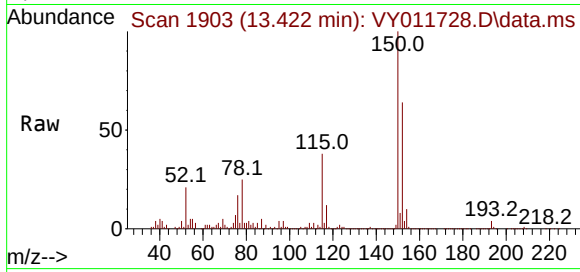
Acq: 07 Dec 2022 13:07

Instrument :

MSVOA_Y

ClientSampleId :

21G4



Tgt Ion:152 Resp: 192128

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 154.1 0.0 347.6

