

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
 Data File : VY011729.D
 Acq On : 07 Dec 2022 13:30
 Operator : KP/MD
 Sample : N5897-07
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2913

Quant Time: Dec 08 07:56:28 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)

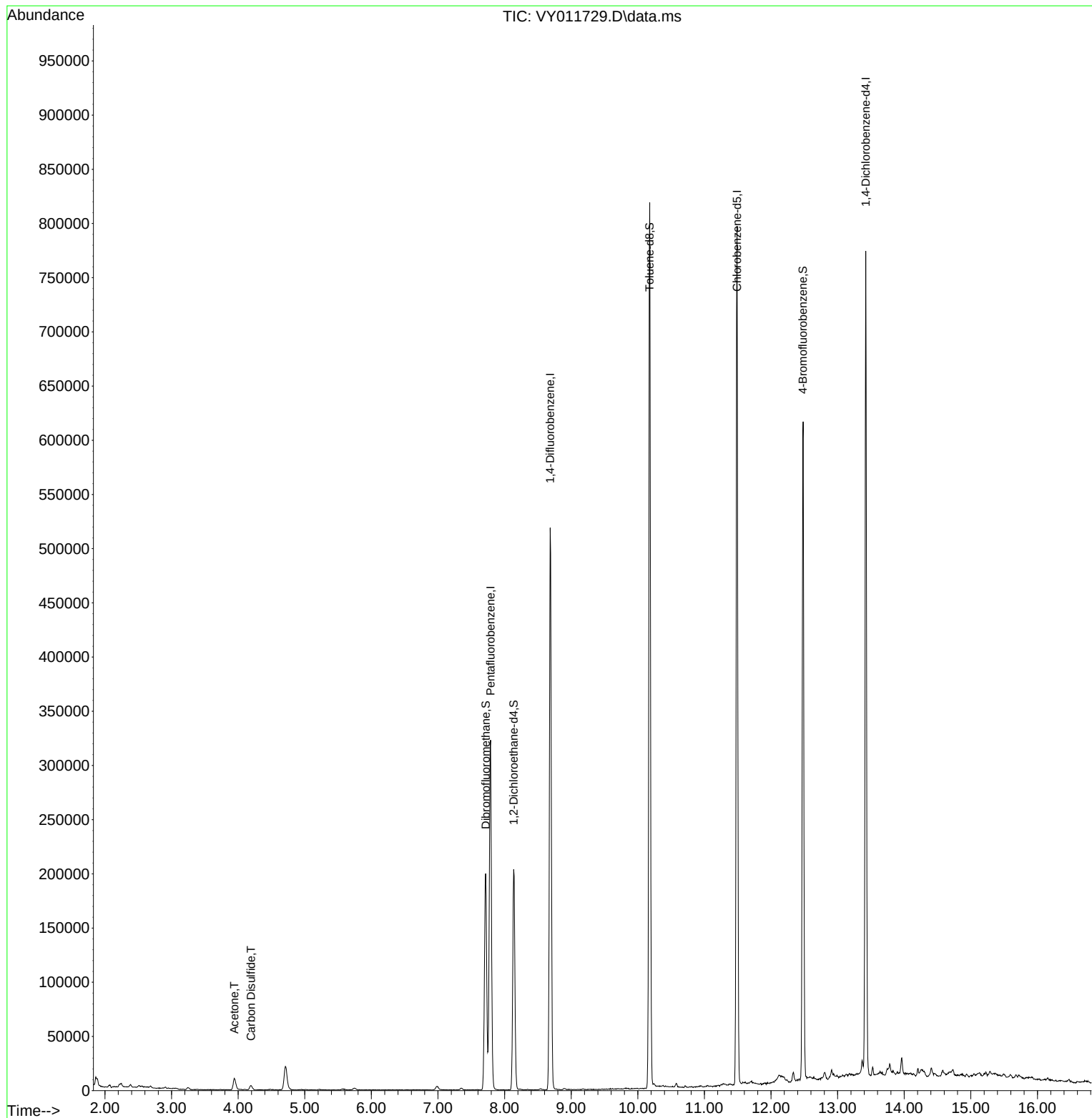
Internal Standards						
1) Pentafluorobenzene	7.789	168	249776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	444004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	429075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	161133	63.533	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.060%	
35) Dibromofluoromethane	7.716	113	141287	51.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.380%	
50) Toluene-d8	10.179	98	538353	54.202	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.477	95	187303	51.004	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.000%	
Target Compounds						Qvalue
16) Acetone	3.942	43	18530	22.493	ug/l	# 86
17) Carbon Disulfide	4.192	76	8122	1.335	ug/l	99

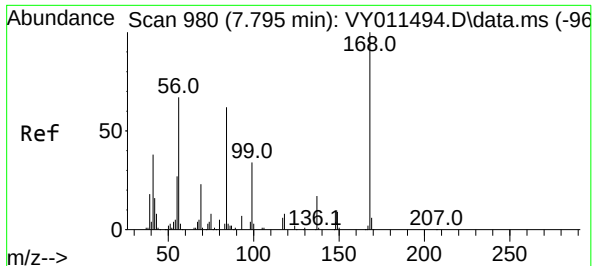
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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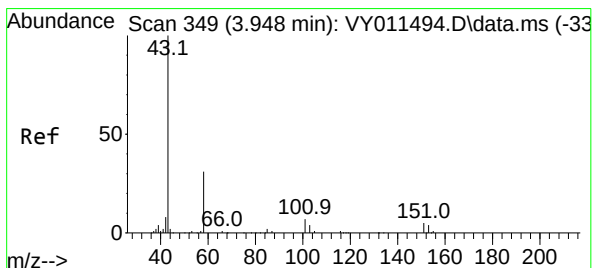
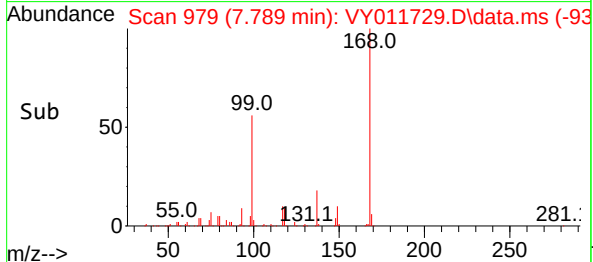
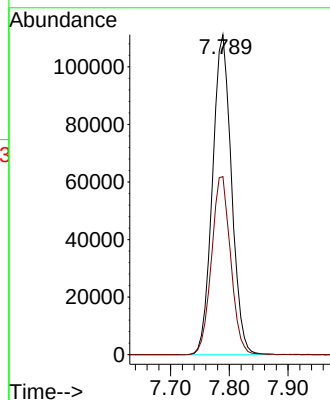
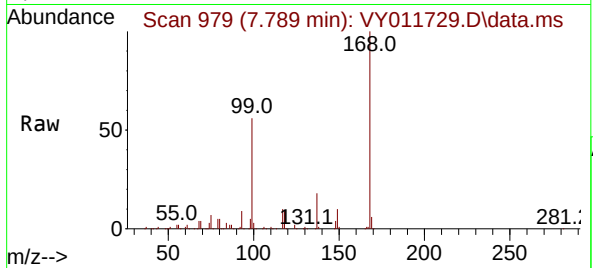




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011729.D
Acq: 07 Dec 2022 13:30

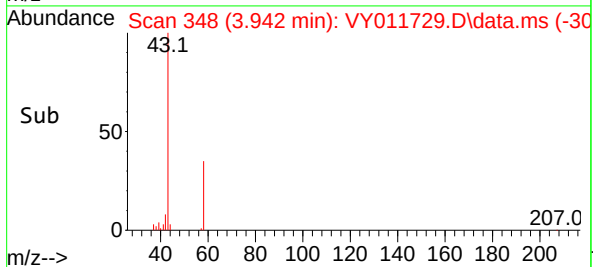
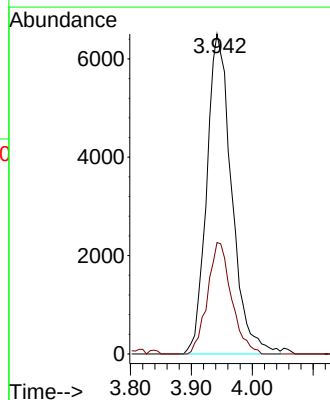
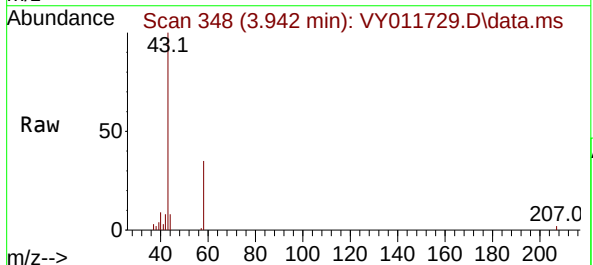
Instrument :
MSVOA_Y
ClientSampleId :
2913

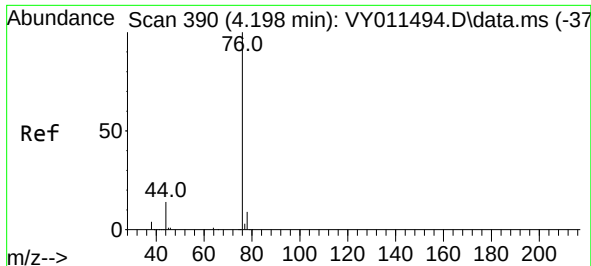
Tgt Ion:168 Resp: 249776
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#16
Acetone
Concen: 22.493 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011729.D
Acq: 07 Dec 2022 13:30

Tgt Ion: 43 Resp: 18530
Ion Ratio Lower Upper
43 100
58 34.8 22.0 33.0#

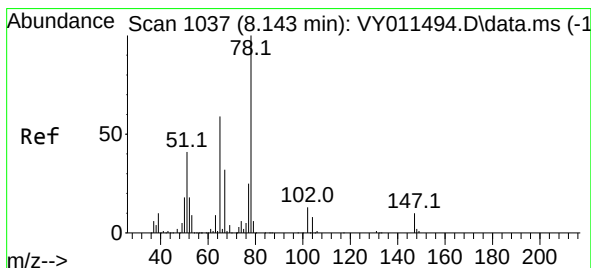
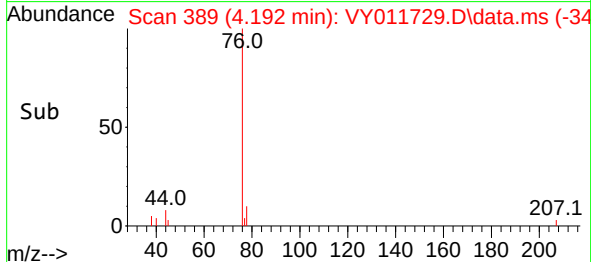
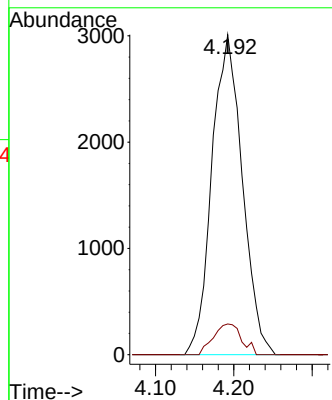
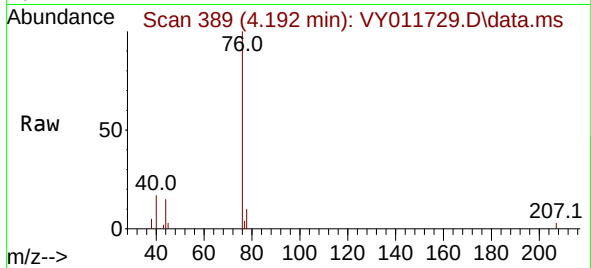




#17
Carbon Disulfide
Concen: 1.335 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY011729.D
Acq: 07 Dec 2022 13:30

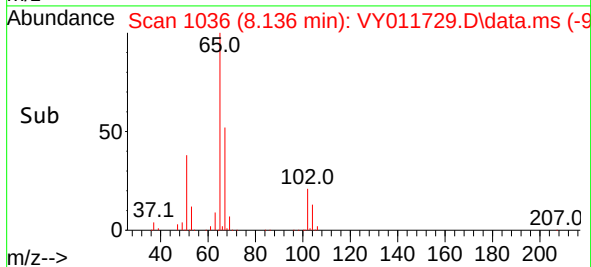
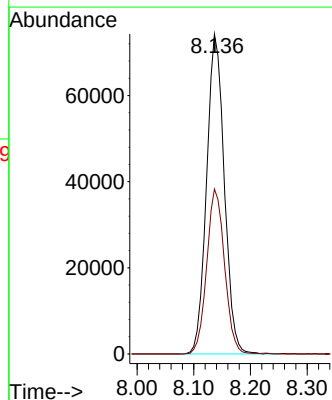
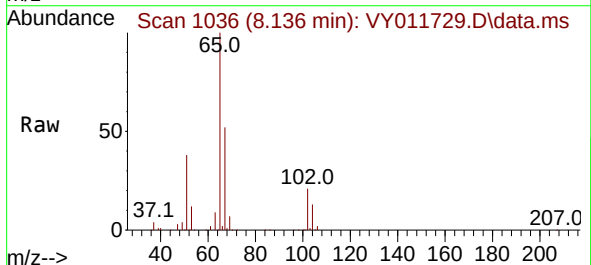
Instrument :
MSVOA_Y
ClientSampleId :
2913

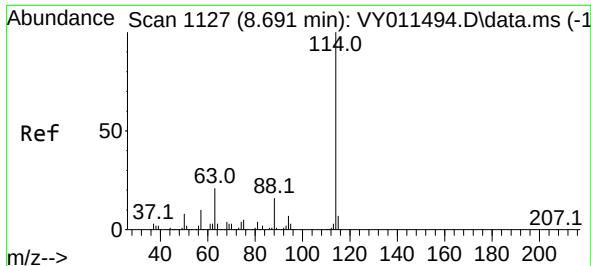
Tgt Ion: 76 Resp: 8122
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 63.533 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011729.D
Acq: 07 Dec 2022 13:30

Tgt Ion: 65 Resp: 161133
Ion Ratio Lower Upper
65 100
67 51.8 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: VY011729.D

Acq: 07 Dec 2022 13:30

Instrument :

MSVOA_Y

ClientSampleId :

2913

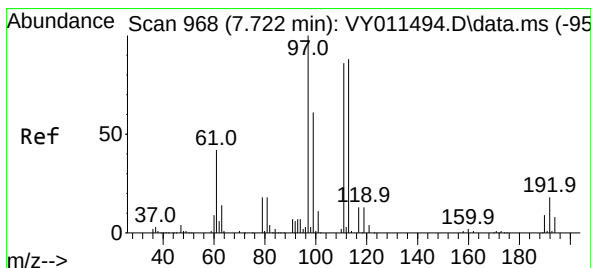
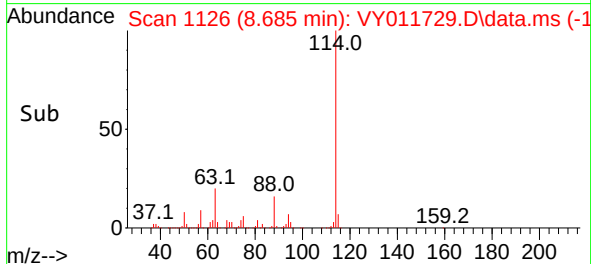
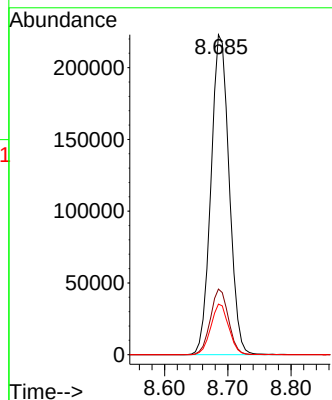
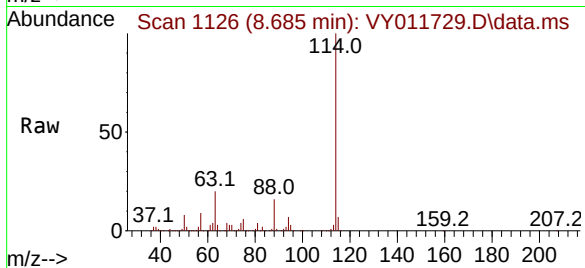
Tgt Ion:114 Resp: 444004

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.692 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011729.D

Acq: 07 Dec 2022 13:30

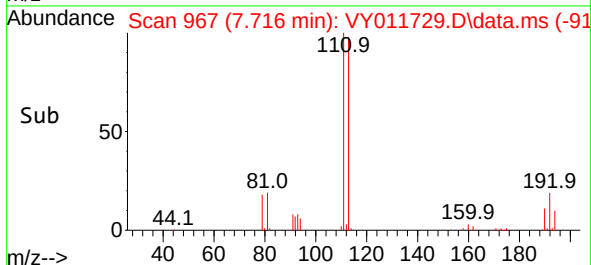
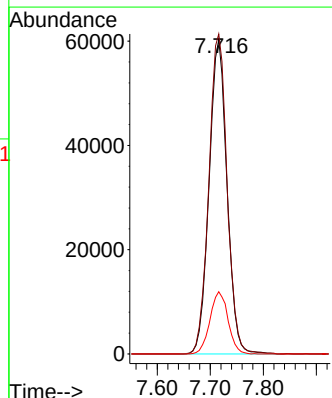
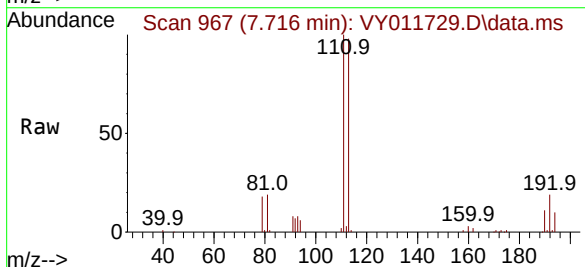
Tgt Ion:113 Resp: 141287

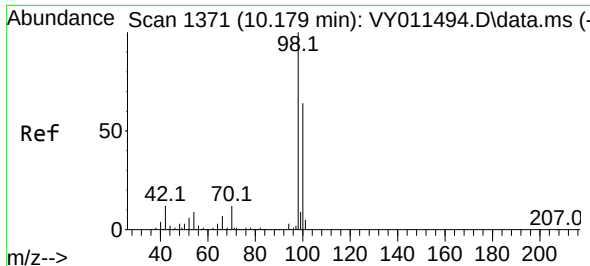
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 20.0 17.6 26.4

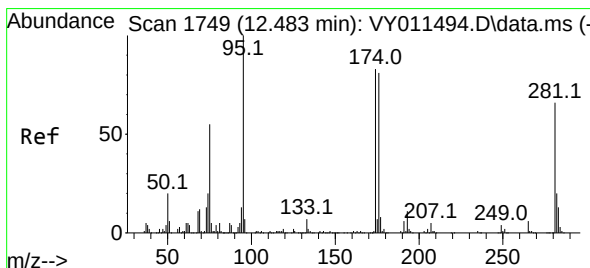
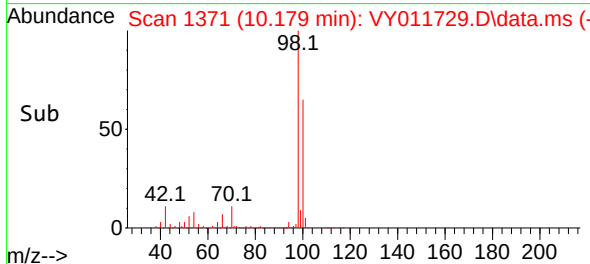
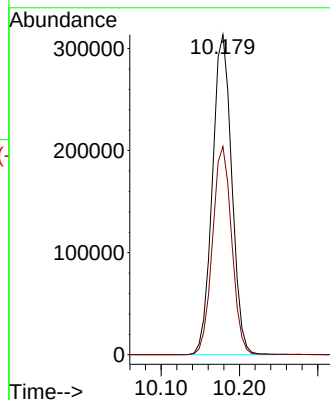
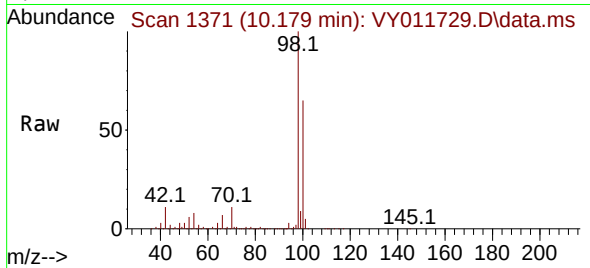




#50
Toluene-d8
Concen: 54.202 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011729.D
Acq: 07 Dec 2022 13:30

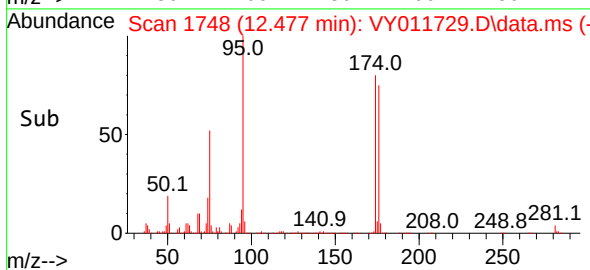
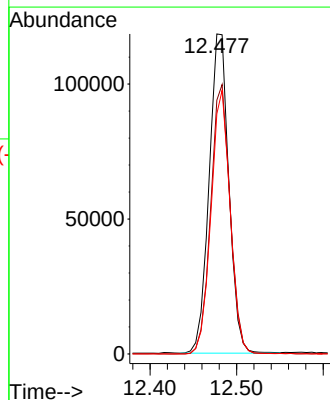
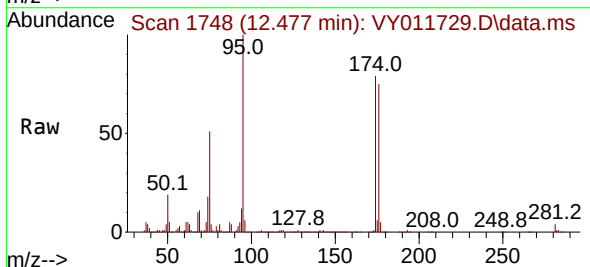
Instrument :
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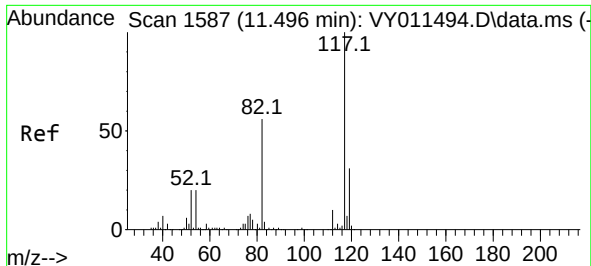
Tgt Ion: 98 Resp: 538353
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.004 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011729.D
Acq: 07 Dec 2022 13:30

Tgt Ion: 95 Resp: 187303
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 80.0 0.0 175.8

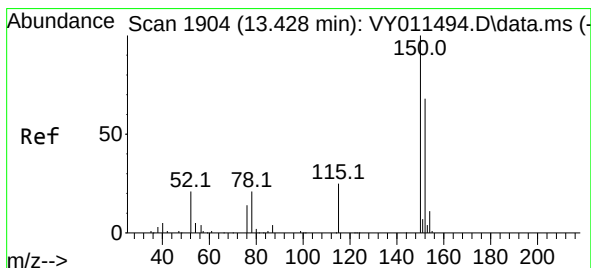
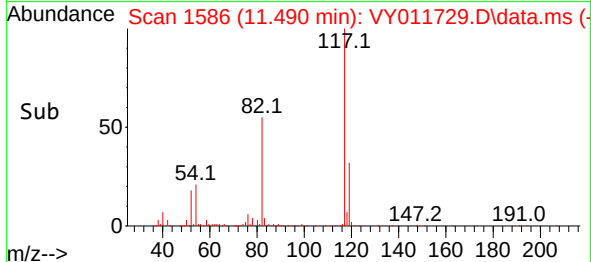
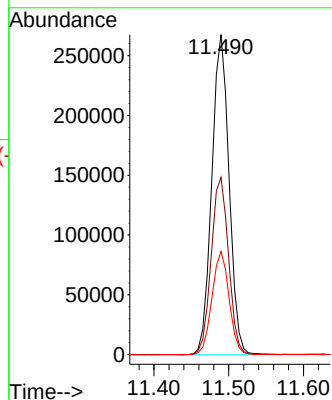
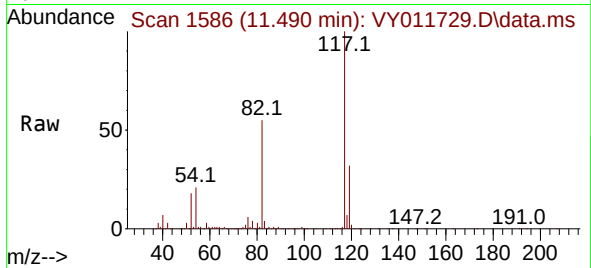




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011729.D
Acq: 07 Dec 2022 13:30

Instrument :
MSVOA_Y
ClientSampleId :
2913

Tgt Ion:117 Resp: 429075
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 32.3 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: VY011729.D
Acq: 07 Dec 2022 13:30

Tgt Ion:152 Resp: 187160
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 158.8 0.0 347.6

