

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
 Data File : VY011733.D
 Acq On : 07 Dec 2022 17:27
 Operator : KP/MD
 Sample : N5897-09
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE

Quant Time: Dec 08 07:57:02 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)

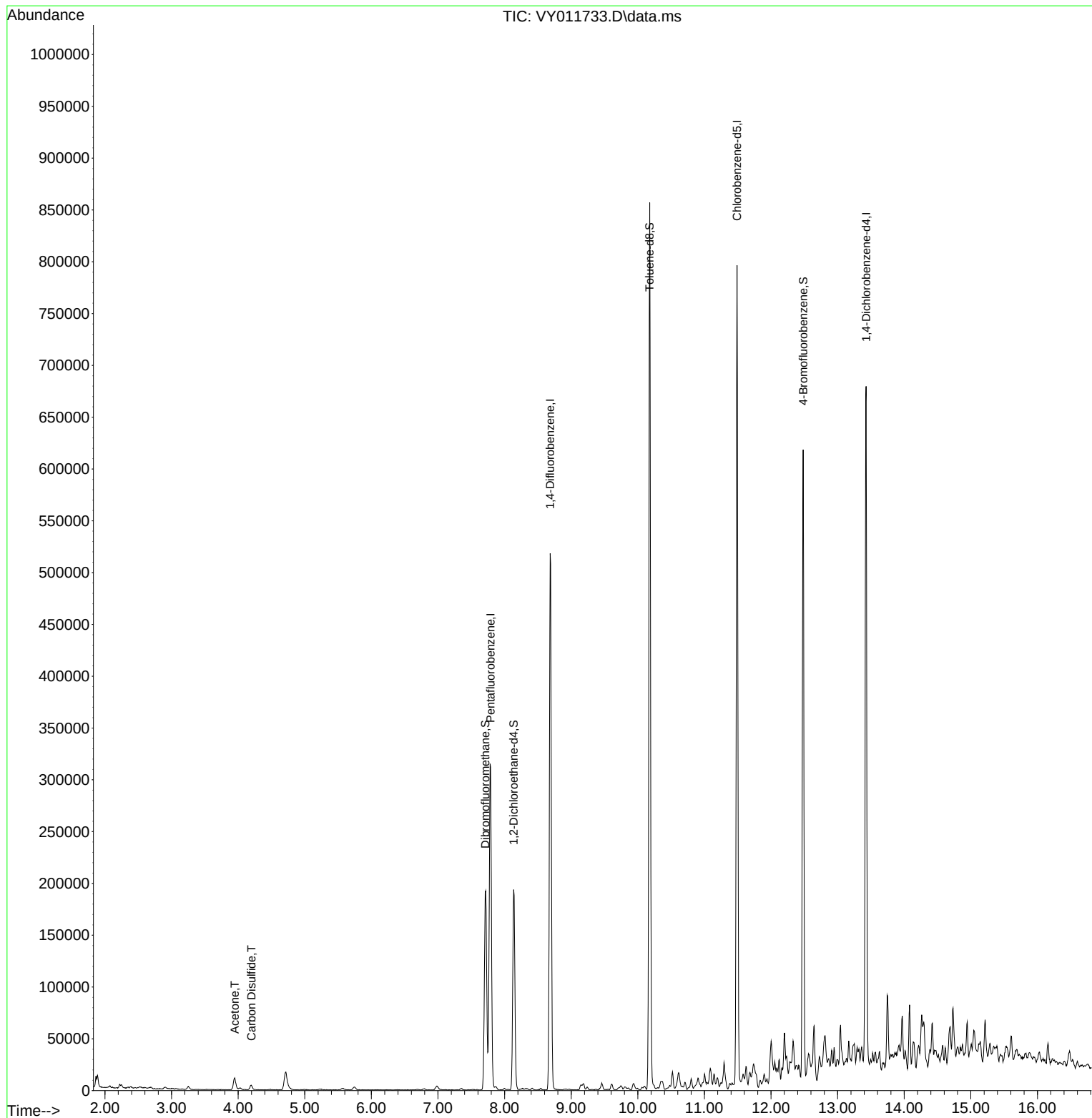
Internal Standards						
1) Pentafluorobenzene	7.789	168	244473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	446337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	419363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	153764	61.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.880%	
35) Dibromofluoromethane	7.710	113	141093	51.351	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.179	98	540513	54.135	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.260%	
62) 4-Bromofluorobenzene	12.483	95	181547	49.178	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.360%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	19998	24.802	ug/l #	86
17) Carbon Disulfide	4.198	76	8229	1.382	ug/l	99

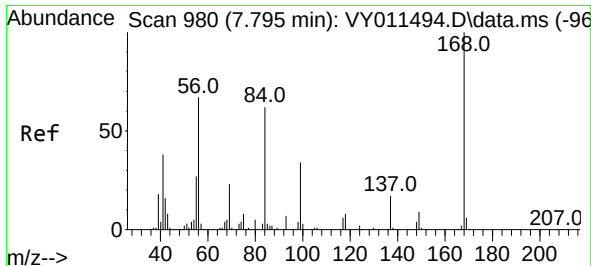
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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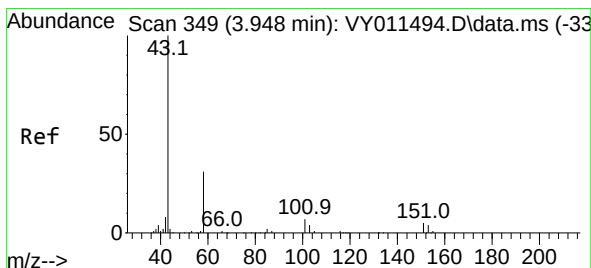
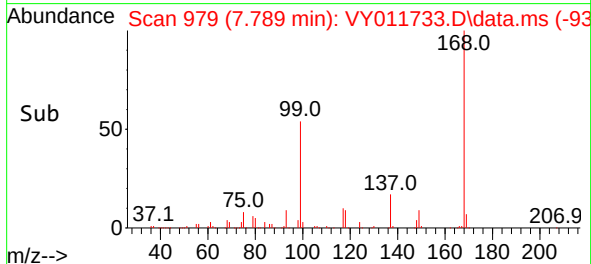
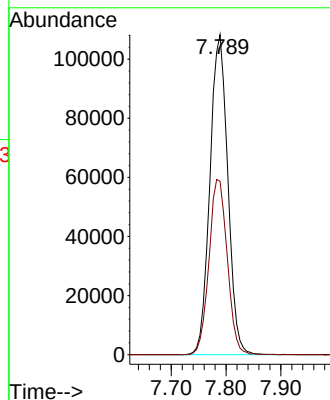
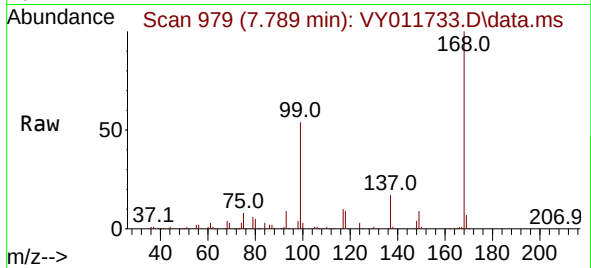




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011733.D
Acq: 07 Dec 2022 17:27

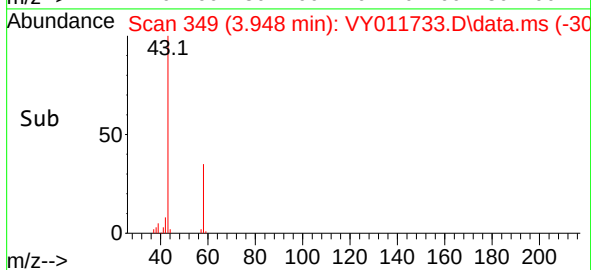
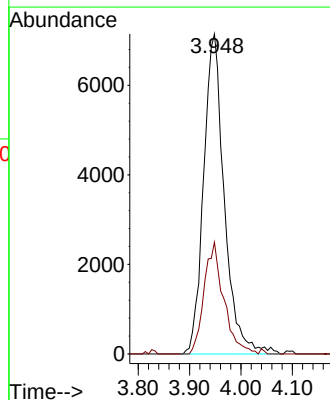
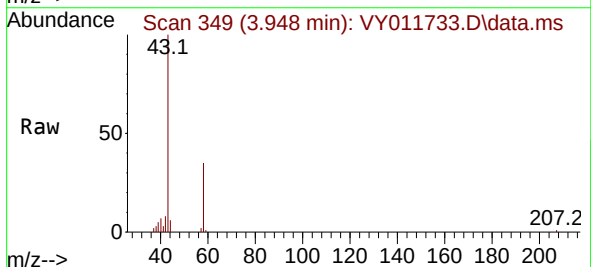
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

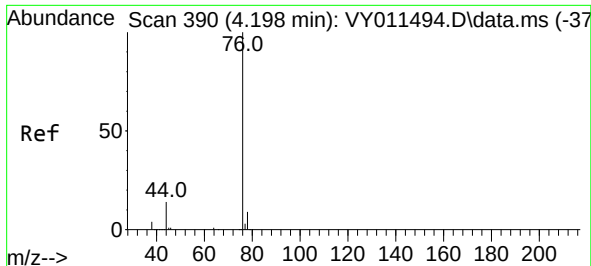
Tgt Ion:168 Resp: 244473
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#16
Acetone
Concen: 24.802 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011733.D
Acq: 07 Dec 2022 17:27

Tgt Ion: 43 Resp: 19998
Ion Ratio Lower Upper
43 100
58 34.9 22.0 33.0#

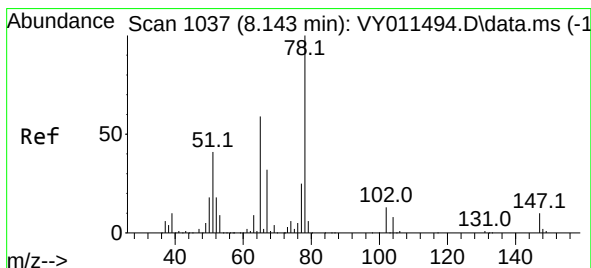
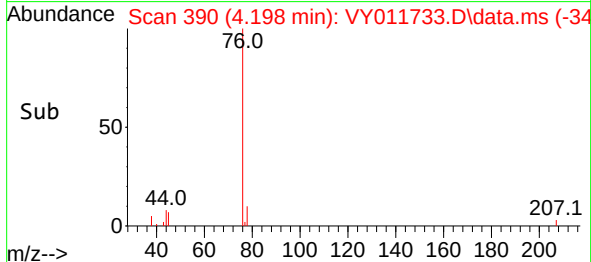
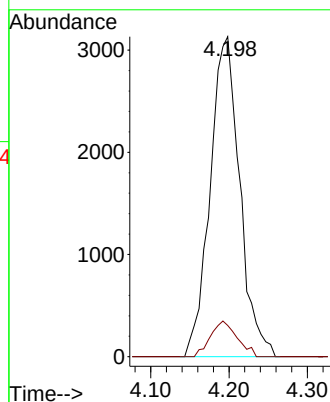
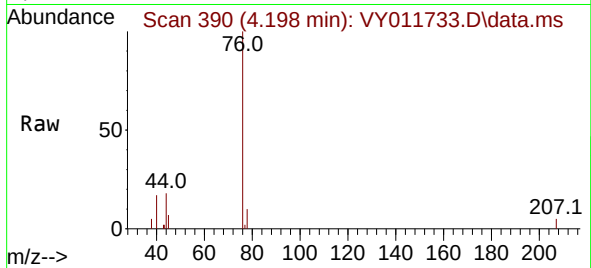




#17
Carbon Disulfide
Concen: 1.382 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011733.D
Acq: 07 Dec 2022 17:27

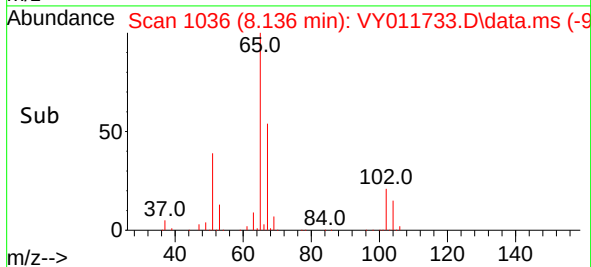
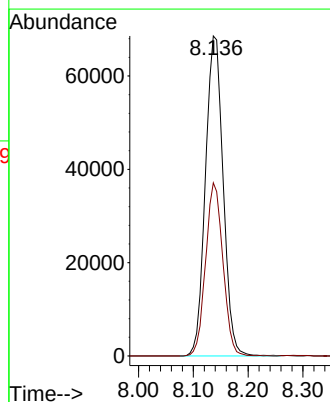
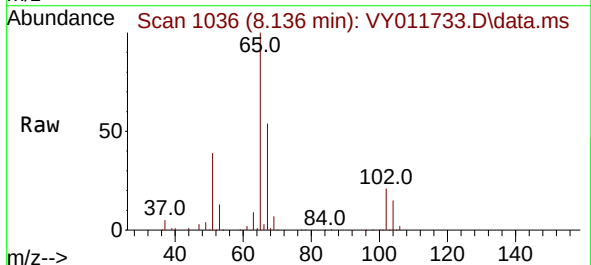
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

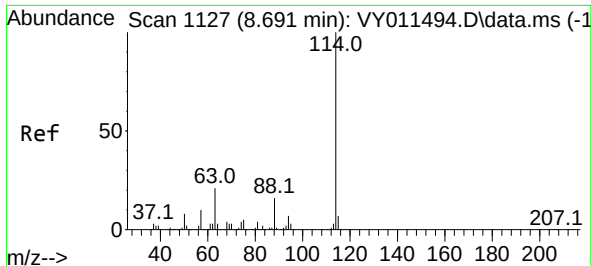
Tgt Ion: 76 Resp: 8229
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 61.942 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011733.D
Acq: 07 Dec 2022 17:27

Tgt Ion: 65 Resp: 153764
Ion Ratio Lower Upper
65 100
67 52.6 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: VY011733.D

Acq: 07 Dec 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE

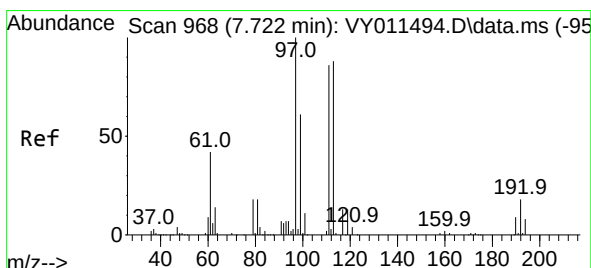
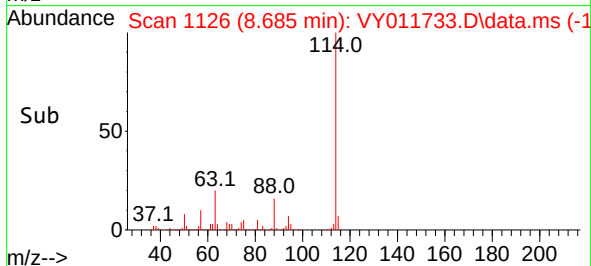
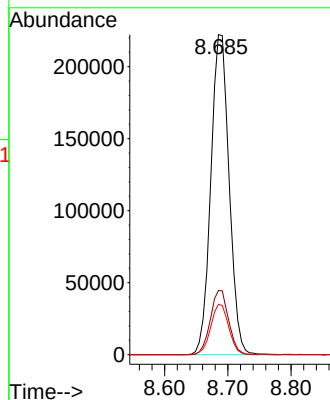
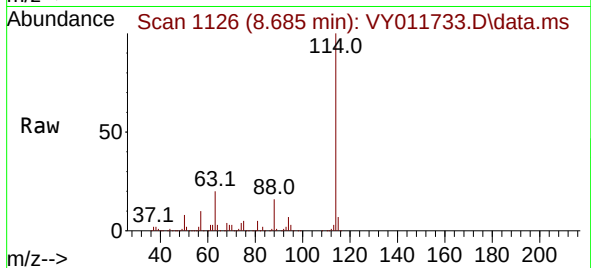
Tgt Ion:114 Resp: 446337

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.351 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY011733.D

Acq: 07 Dec 2022 17:27

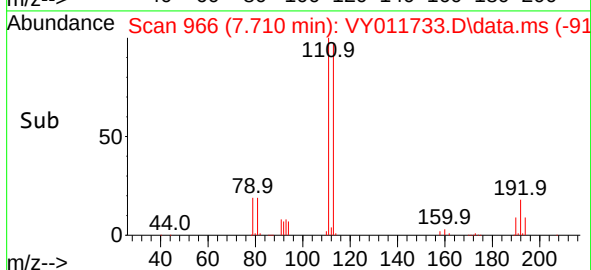
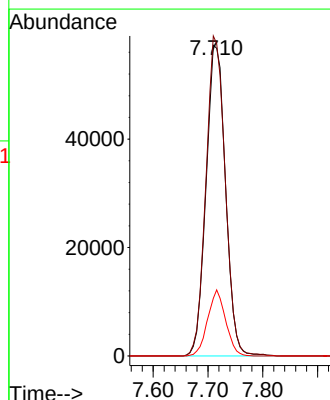
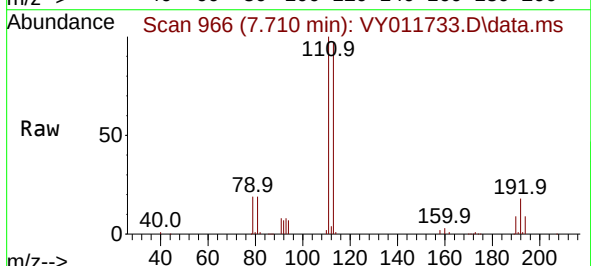
Tgt Ion:113 Resp: 141093

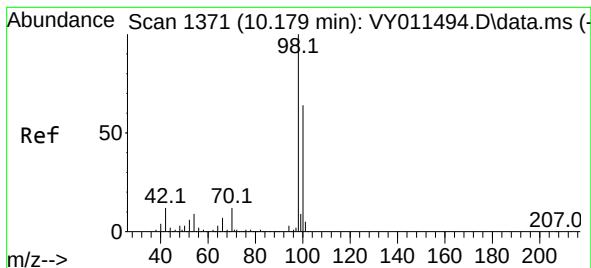
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 19.7 17.6 26.4

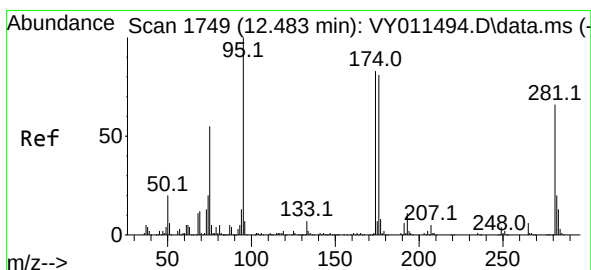
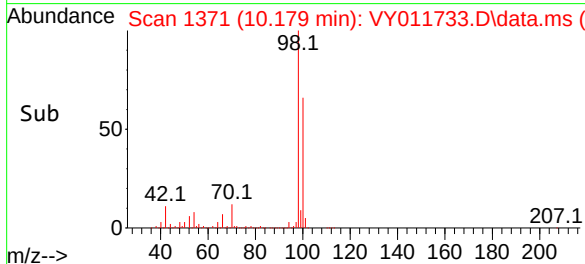
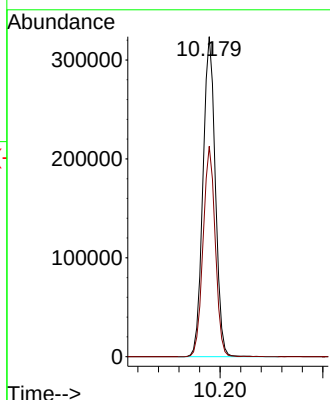
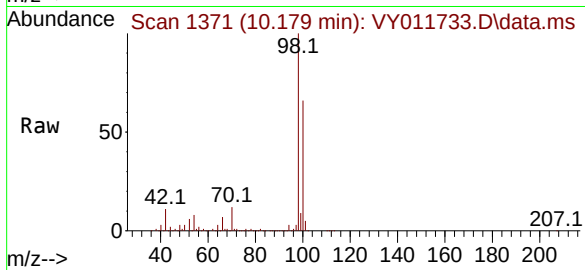




#50
Toluene-d8
Concen: 54.135 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011733.D
Acq: 07 Dec 2022 17:27

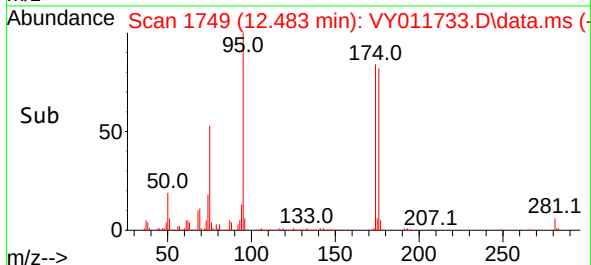
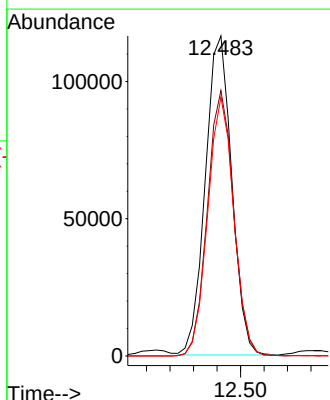
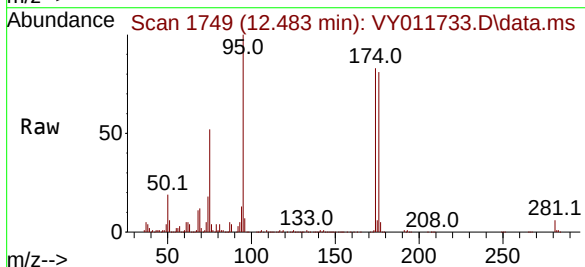
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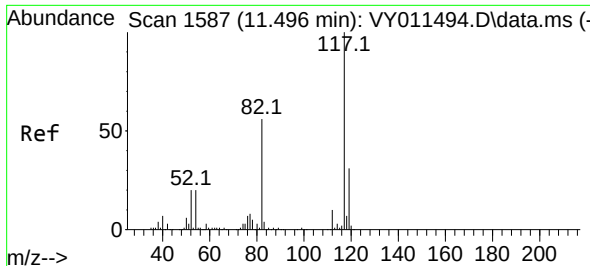
Tgt Ion: 98 Resp: 540513
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.178 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011733.D
Acq: 07 Dec 2022 17:27

Tgt Ion: 95 Resp: 181547
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 80.1 0.0 175.8

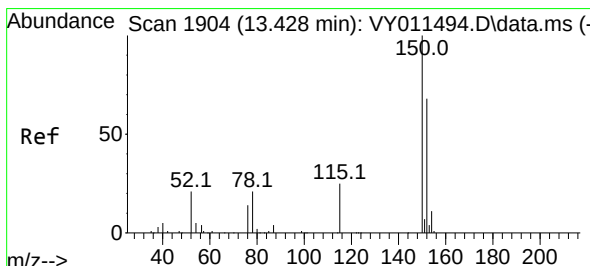
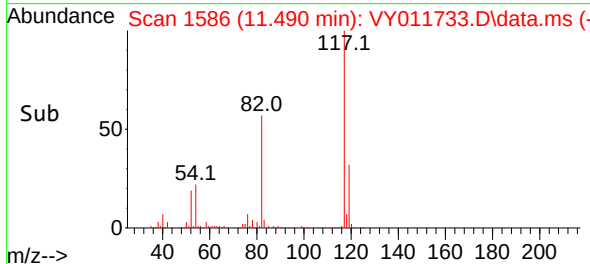
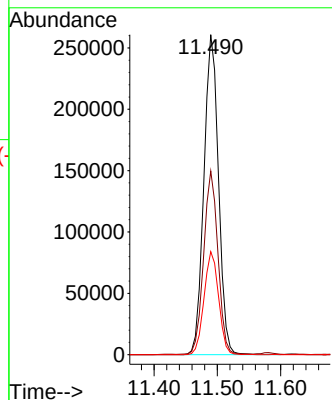
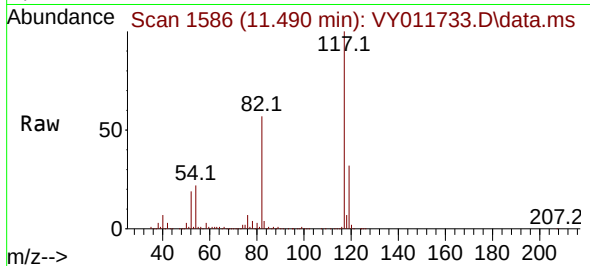




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011733.D
Acq: 07 Dec 2022 17:27

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

Tgt Ion:117 Resp: 419363
Ion Ratio Lower Upper
117 100
82 57.3 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. 0.000 min
Lab File: VY011733.D
Acq: 07 Dec 2022 17:27

Tgt Ion:152 Resp: 175427
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.1 0.0 347.6

