

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011090.D
 Acq On : 25 Oct 2022 12:15
 Operator : KP/MD
 Sample : N5253-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124055

Quant Time: Oct 26 08:37:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

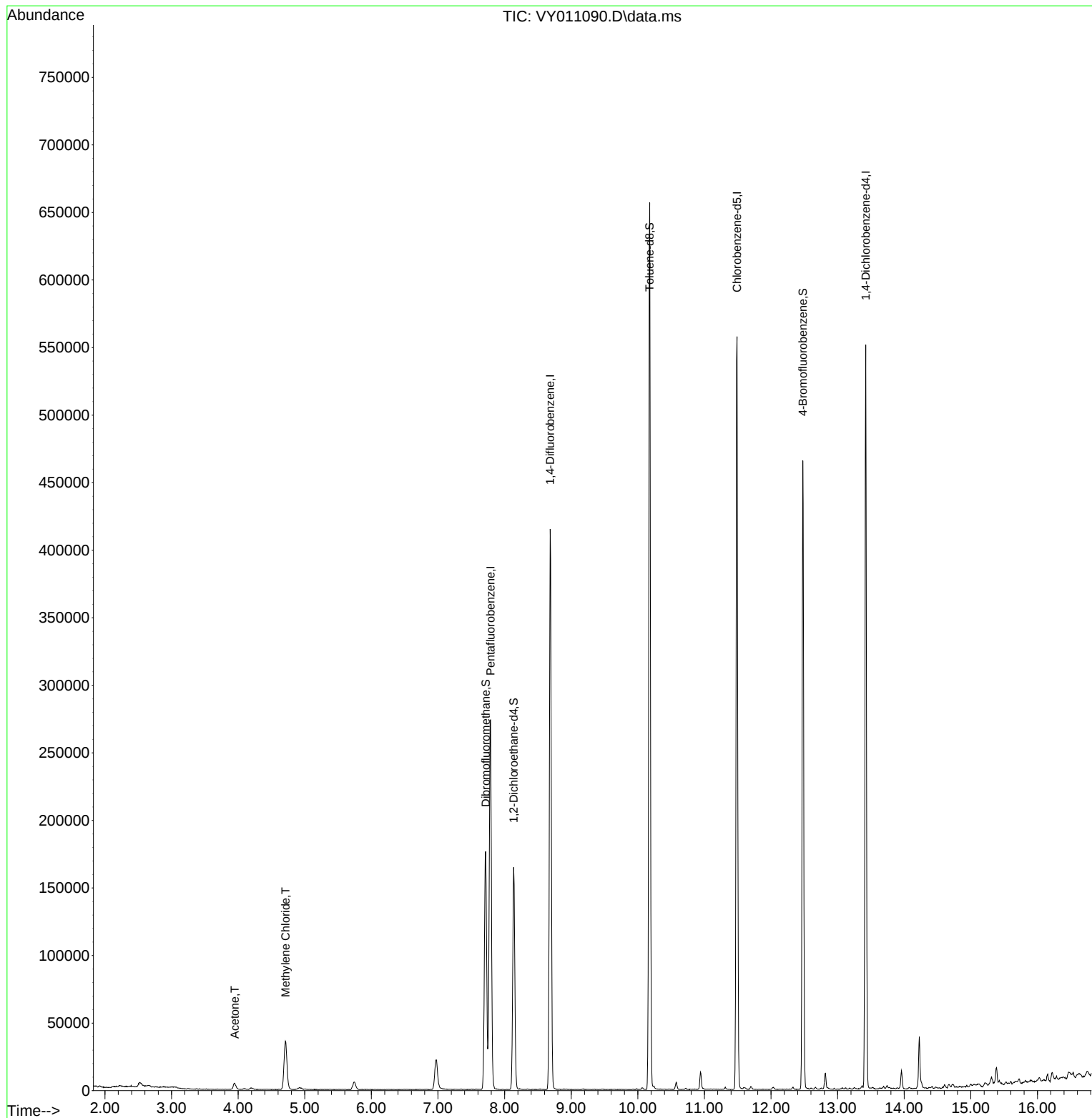
Internal Standards						
1) Pentafluorobenzene	7.789	168	219840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	360343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124627	61.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.080%	
35) Dibromofluoromethane	7.716	113	129042	64.885	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.760%	
50) Toluene-d8	10.179	98	437180	58.105	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.220%	
62) 4-Bromofluorobenzene	12.477	95	144708	54.576	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.160%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	8360	14.216	ug/l #	81
20) Methylene Chloride	4.710	84	28127	5.331	ug/l #	83

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

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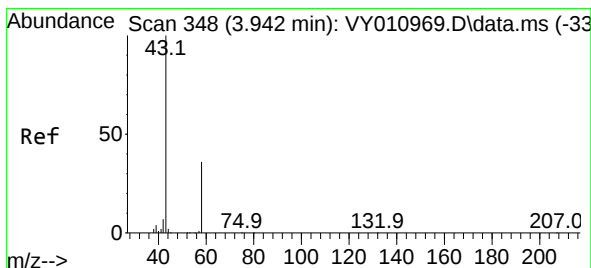
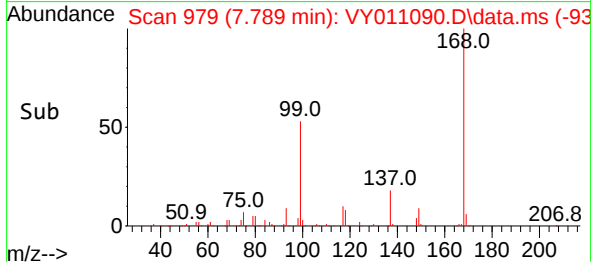
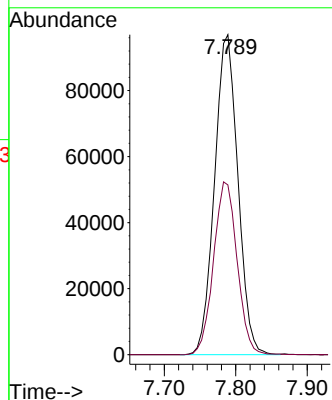
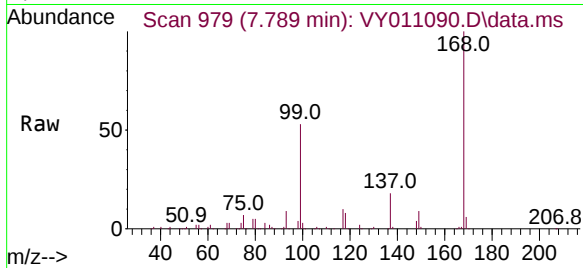




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011090.D
Acq: 25 Oct 2022 12:15

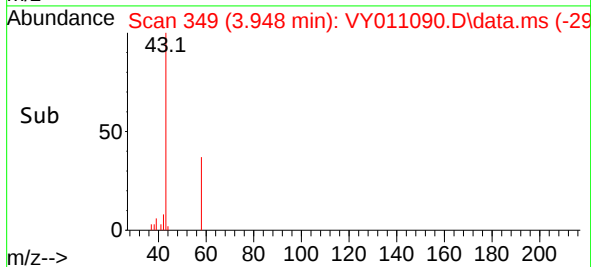
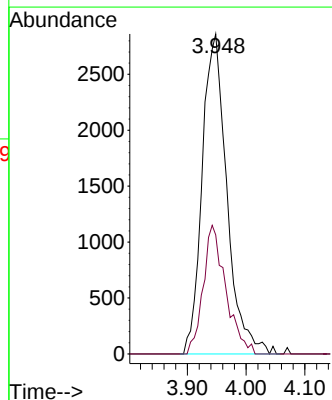
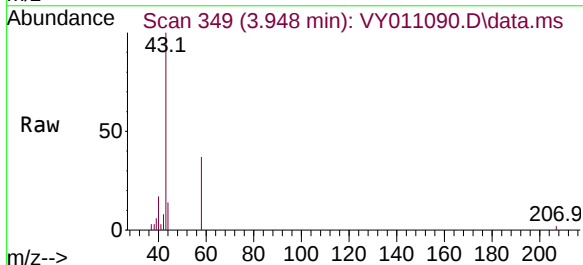
Instrument :
MSVOA_Y
ClientSampleId :
124055

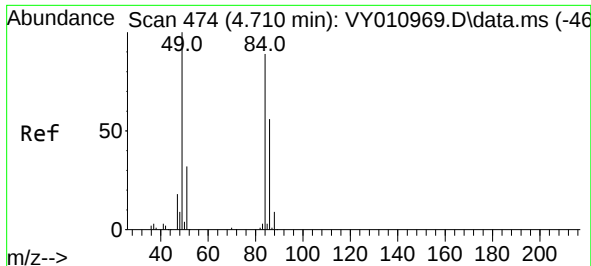
Tgt Ion:168 Resp: 219840
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#16
Acetone
Concen: 14.216 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011090.D
Acq: 25 Oct 2022 12:15

Tgt Ion: 43 Resp: 8360
Ion Ratio Lower Upper
43 100
58 37.2 22.0 33.0#

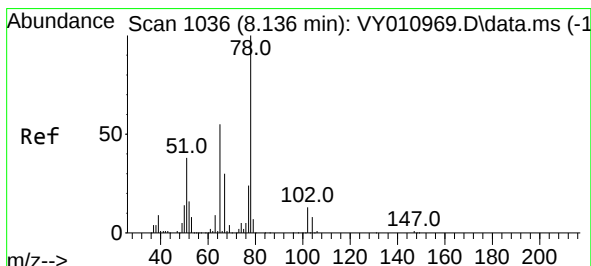
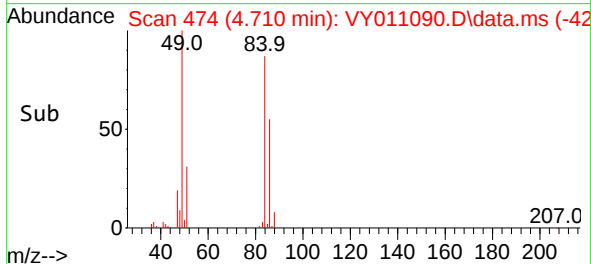
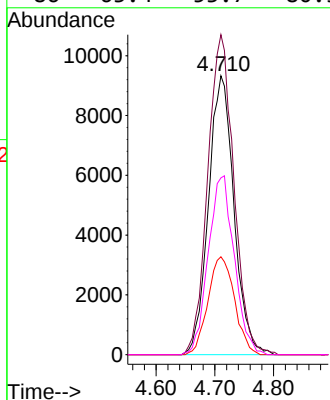
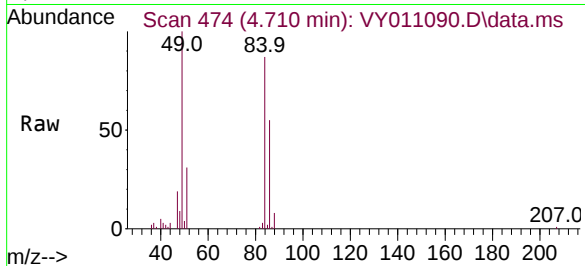




#20
Methylene Chloride
Concen: 5.331 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011090.D
Acq: 25 Oct 2022 12:15

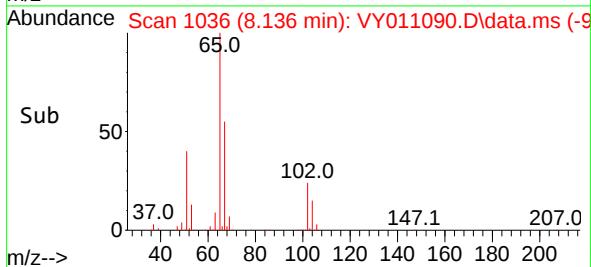
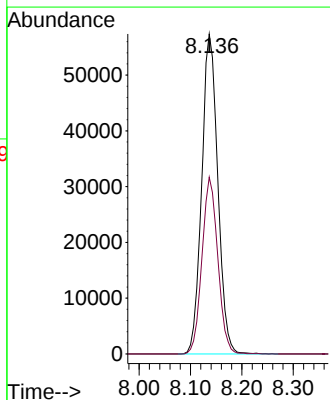
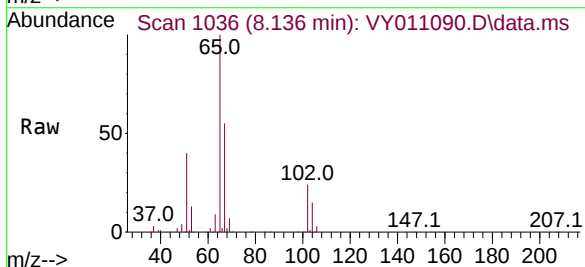
Instrument :
MSVOA_Y
ClientSampleId :
124055

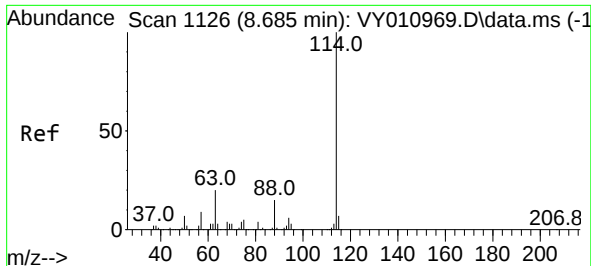
Tgt Ion: 84 Resp: 28127
Ion Ratio Lower Upper
84 100
49 114.7 114.4 171.6
51 35.1 35.3 52.9#
86 63.4 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 61.543 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011090.D
Acq: 25 Oct 2022 12:15

Tgt Ion: 65 Resp: 124627
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011090.D

Acq: 25 Oct 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

124055

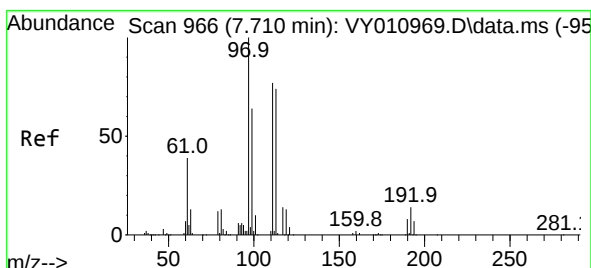
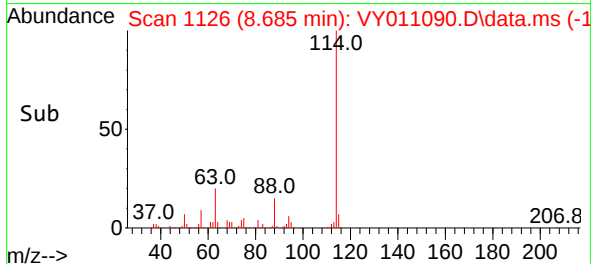
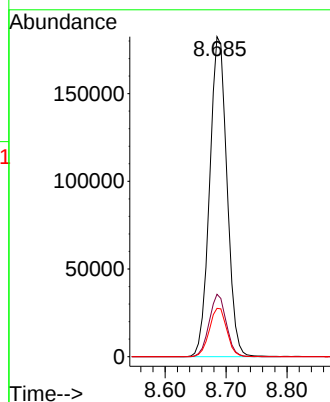
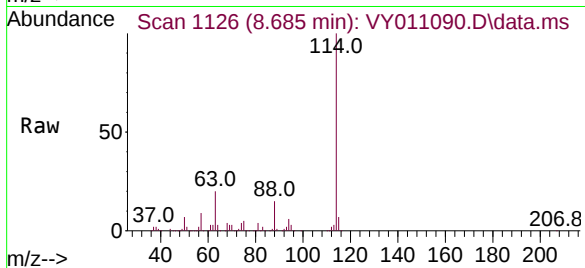
Tgt Ion:114 Resp: 360343

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 64.885 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011090.D

Acq: 25 Oct 2022 12:15

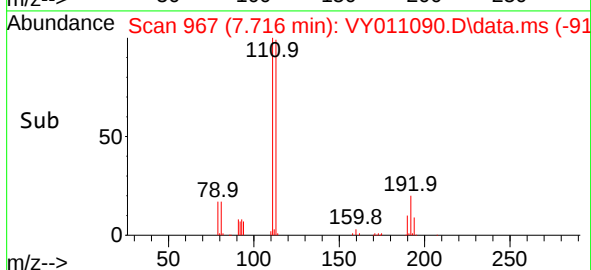
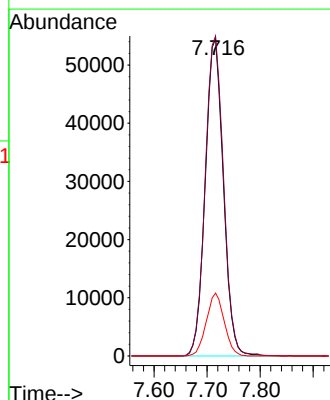
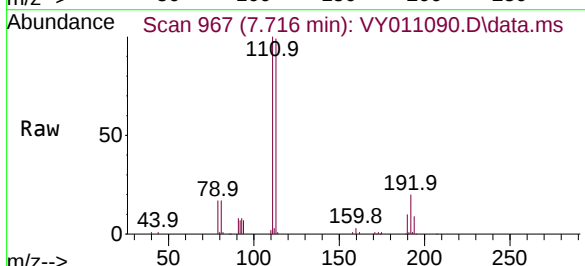
Tgt Ion:113 Resp: 129042

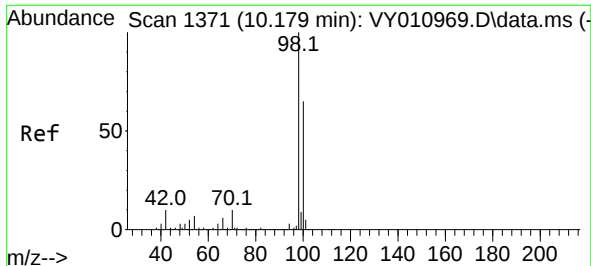
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.6 17.6 26.4

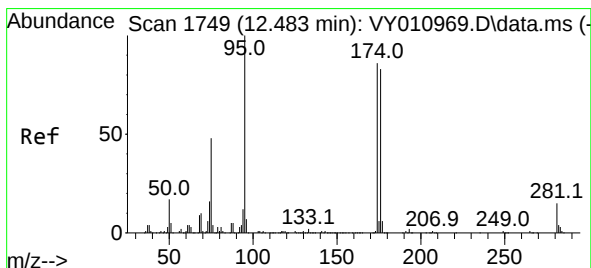
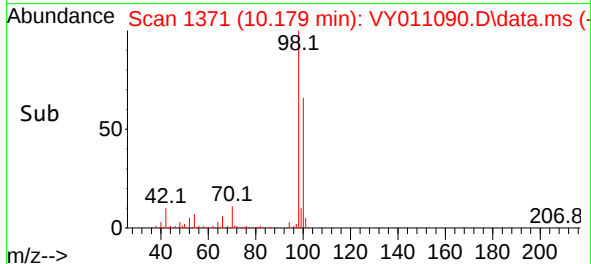
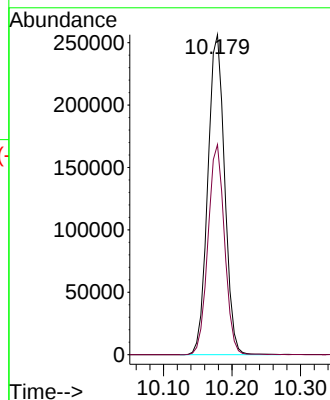
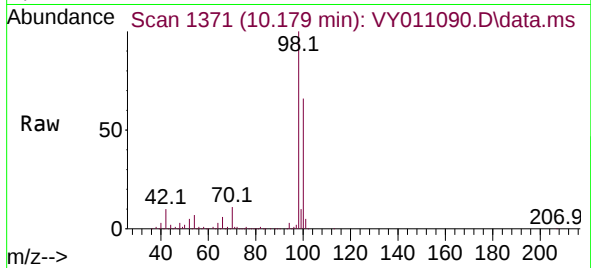




#50
Toluene-d8
Concen: 58.105 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011090.D
Acq: 25 Oct 2022 12:15

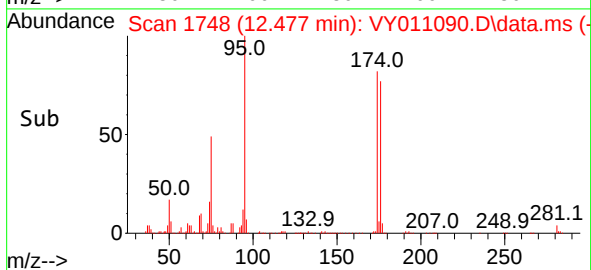
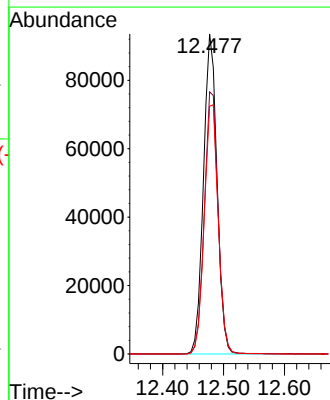
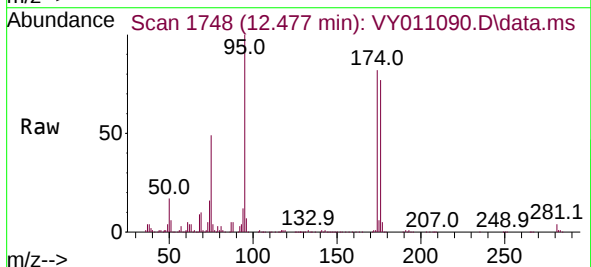
Instrument :
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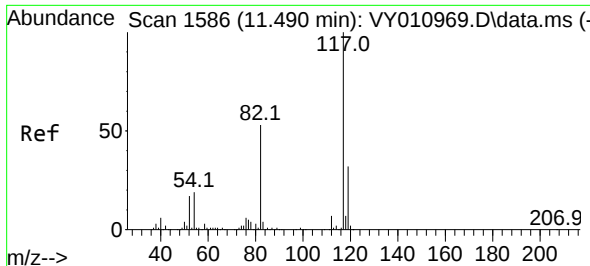
Tgt Ion: 98 Resp: 437180
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.576 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011090.D
Acq: 25 Oct 2022 12:15

Tgt Ion: 95 Resp: 144708
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 80.1 0.0 175.8

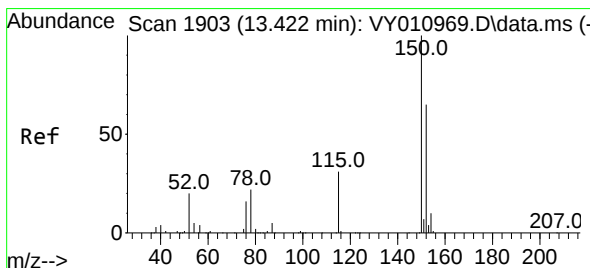
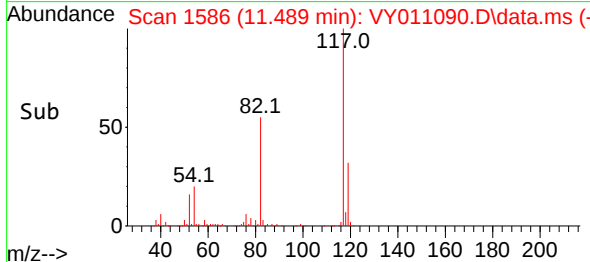
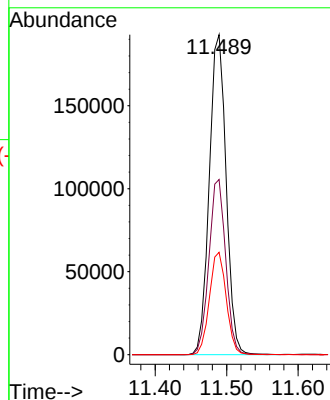
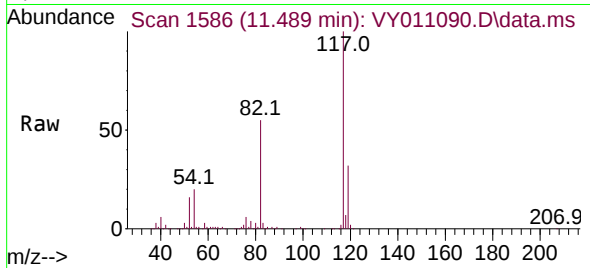




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011090.D
Acq: 25 Oct 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
124055

Tgt Ion:117 Resp: 315279
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.0 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: VY011090.D
Acq: 25 Oct 2022 12:15

Tgt Ion:152 Resp: 141557
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 155.0 0.0 347.6

