

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011075.D
 Acq On : 24 Oct 2022 17:29
 Operator : KP/MD
 Sample : N5253-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124019

Quant Time: Oct 25 05:47:33 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)

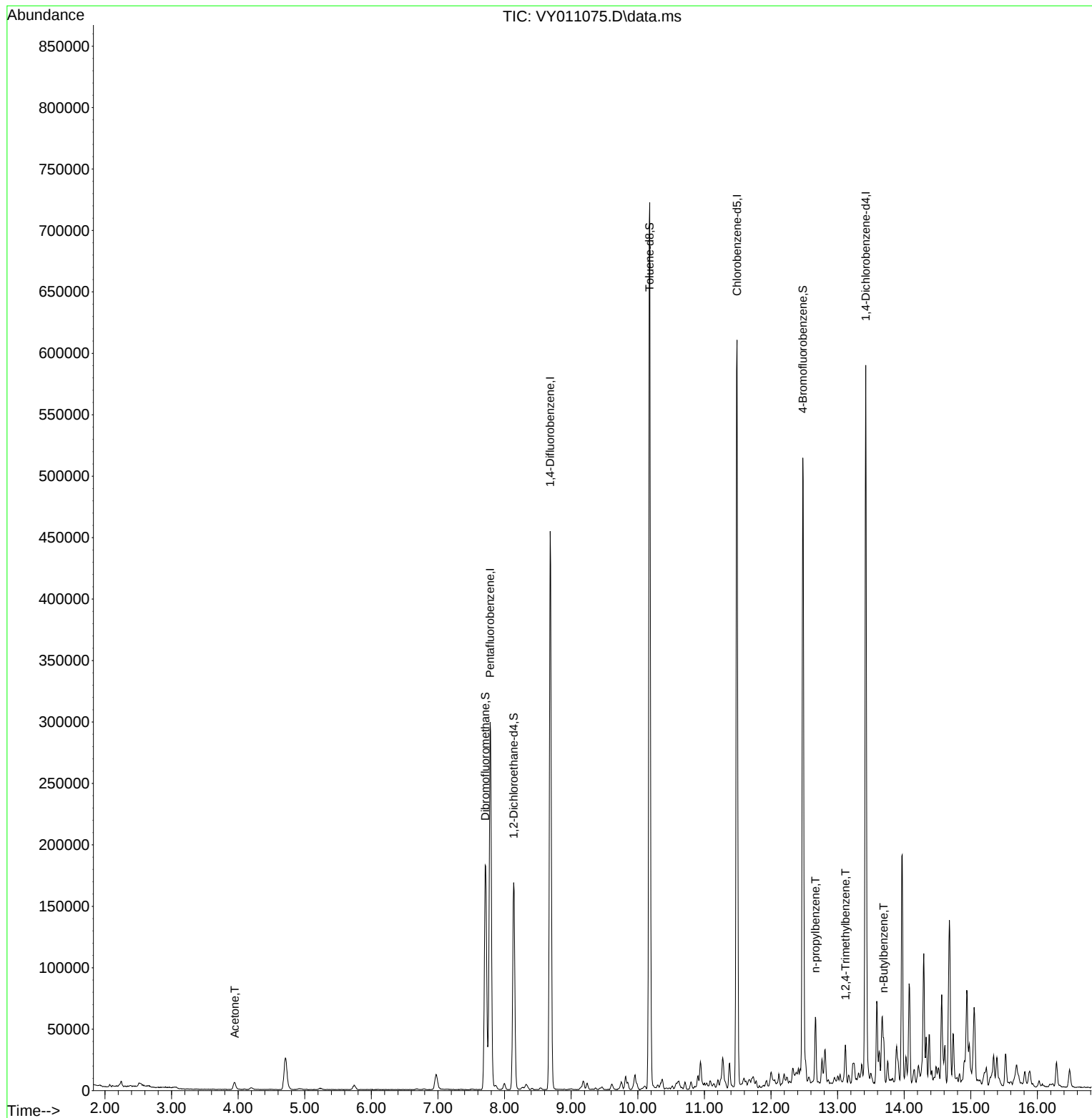
Internal Standards						
1) Pentafluorobenzene	7.783	168	234446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	394994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	130234	60.305	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.600%		
35) Dibromofluoromethane	7.710	113	134905	61.778	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 123.560%		
50) Toluene-d8	10.179	98	475636	57.670	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 115.340%		
62) 4-Bromofluorobenzene	12.477	95	154393	53.034	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 106.060%		
Target Compounds						
						Qvalue
16) Acetone	3.948	43	10275	16.384	ug/l #	83
78) n-propylbenzene	12.666	91	40982	3.166	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	16111	1.841	ug/l	98
89) n-Butylbenzene	13.690	91	22599	2.527	ug/l #	69

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

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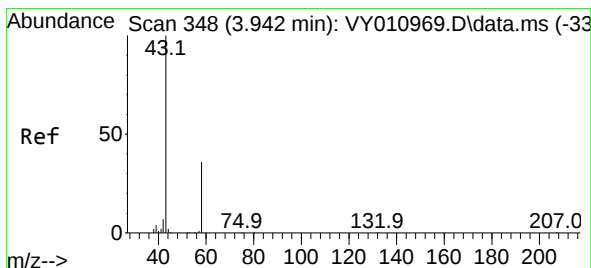
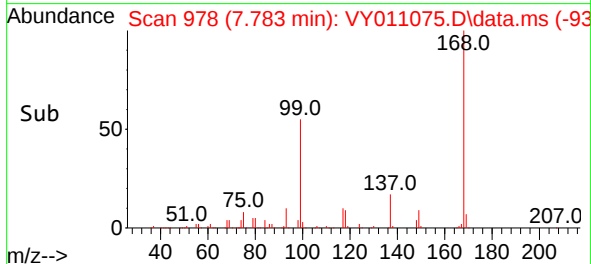
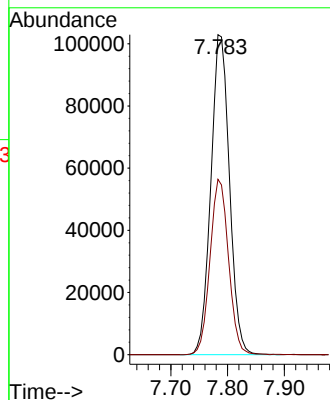
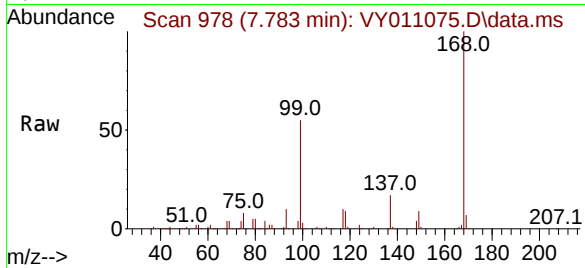




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011075.D
Acq: 24 Oct 2022 17:29

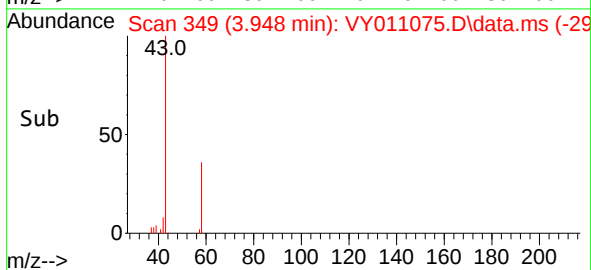
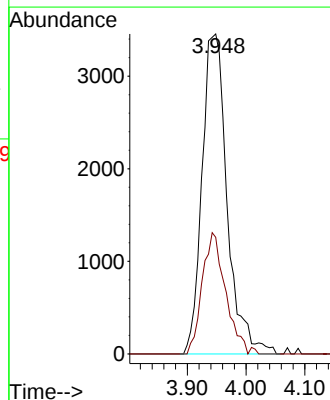
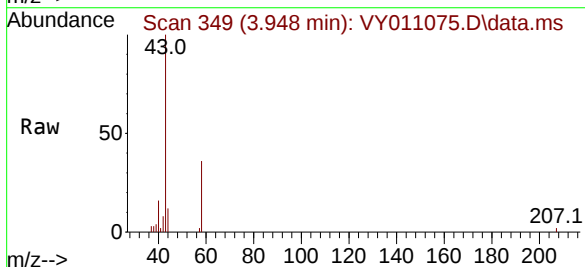
Instrument :
MSVOA_Y
ClientSampleId :
124019

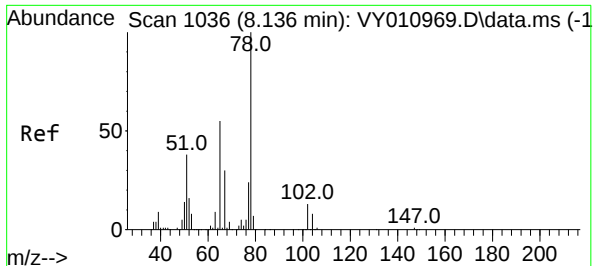
Tgt Ion:168 Resp: 234446
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#16
Acetone
Concen: 16.384 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011075.D
Acq: 24 Oct 2022 17:29

Tgt Ion: 43 Resp: 10275
Ion Ratio Lower Upper
43 100
58 36.4 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 60.305 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY011075.D

Acq: 24 Oct 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

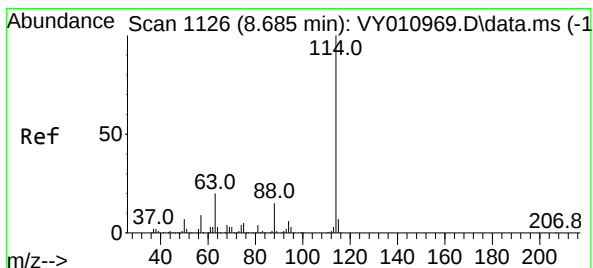
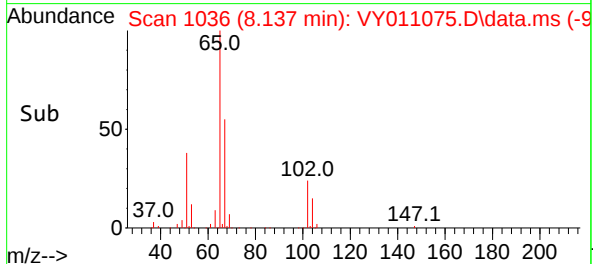
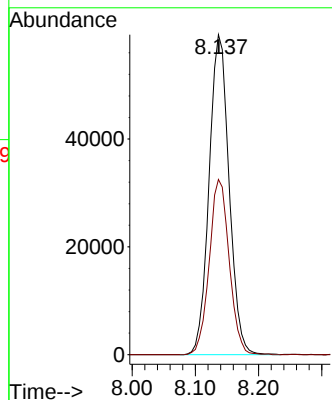
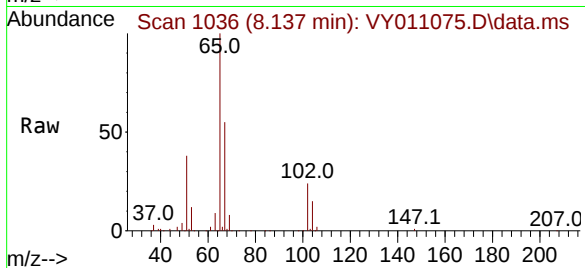
124019

Tgt Ion: 65 Resp: 130234

Ion Ratio Lower Upper

65 100

67 54.6 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: VY011075.D

Acq: 24 Oct 2022 17:29

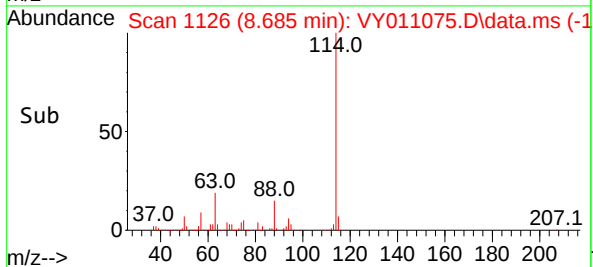
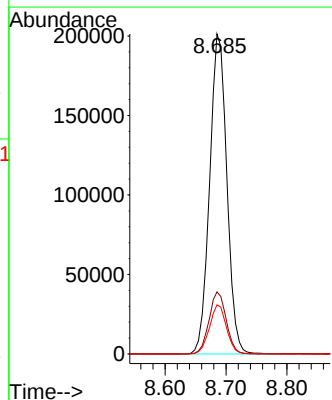
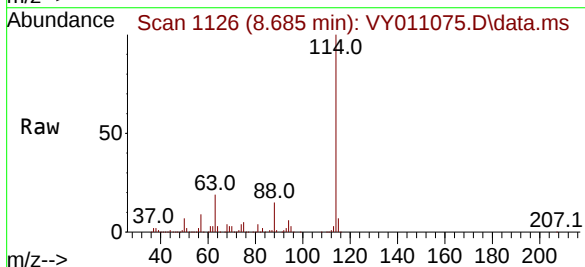
Tgt Ion: 114 Resp: 394994

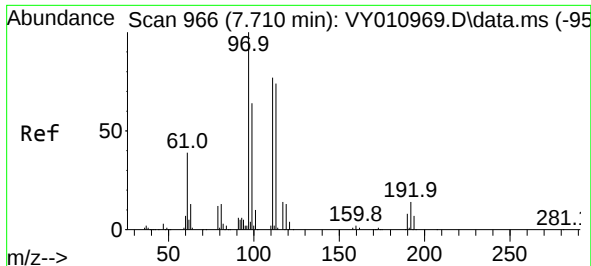
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.4 0.0 31.8

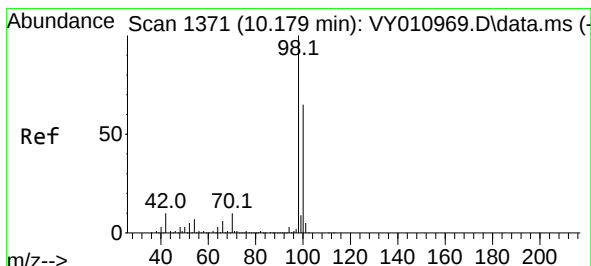
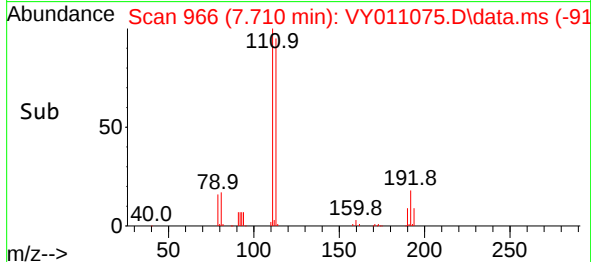
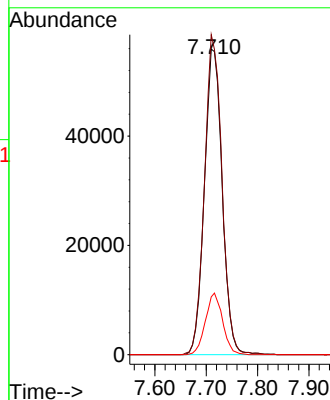
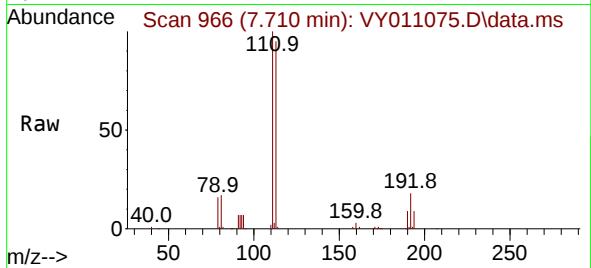




#35
Dibromofluoromethane
Concen: 61.778 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011075.D
Acq: 24 Oct 2022 17:29

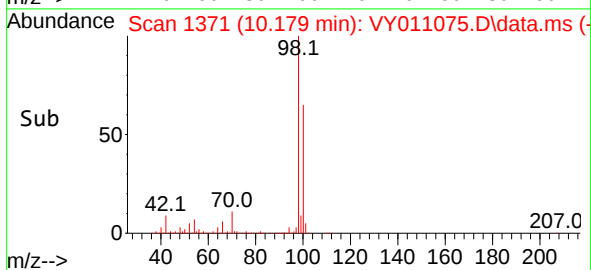
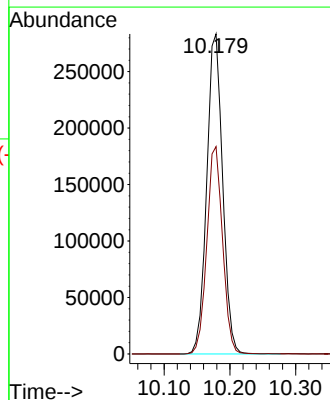
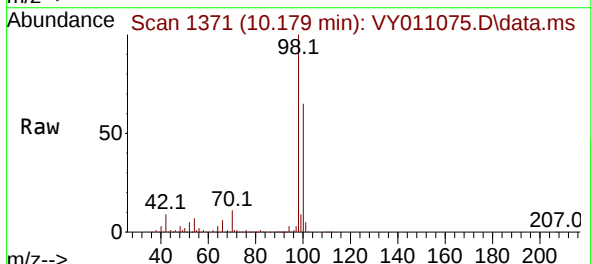
Instrument :
MSVOA_Y
ClientSampleId :
124019

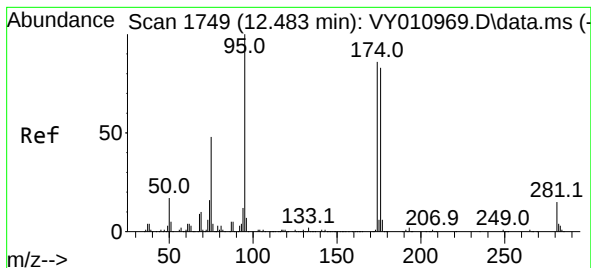
Tgt Ion:113 Resp: 134905
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 57.670 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011075.D
Acq: 24 Oct 2022 17:29

Tgt Ion: 98 Resp: 475636
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

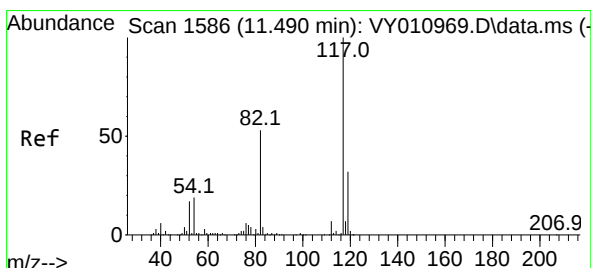
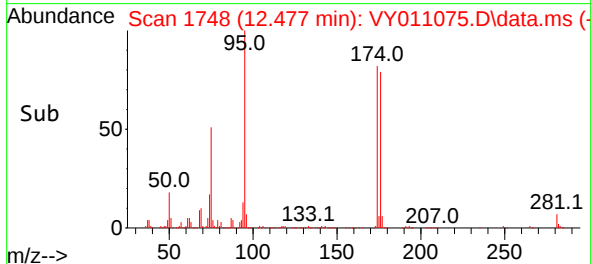
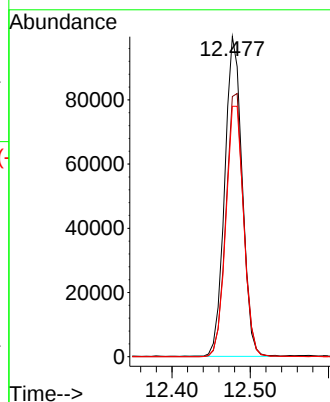
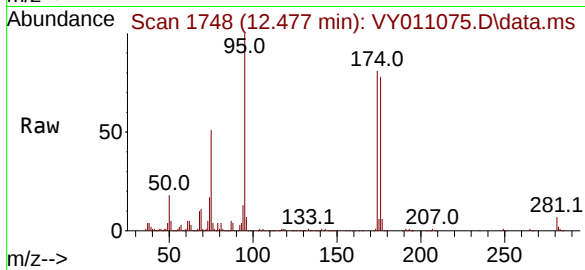




#62
4-Bromofluorobenzene
Concen: 53.034 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011075.D
Acq: 24 Oct 2022 17:29

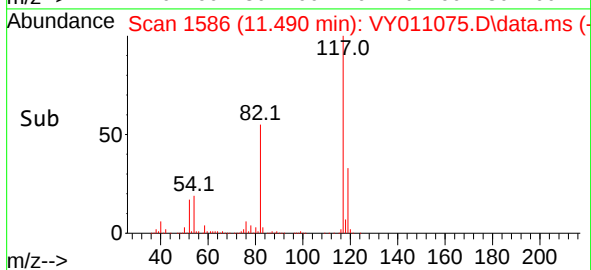
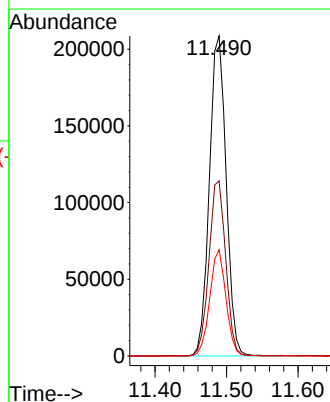
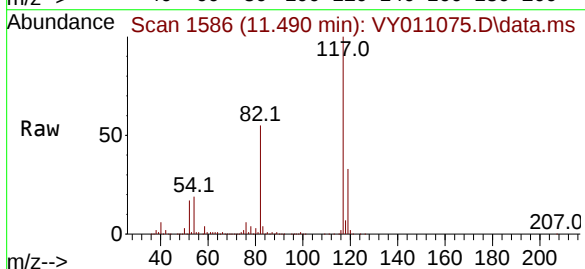
Instrument :
MSVOA_Y
ClientSampleId :
124019

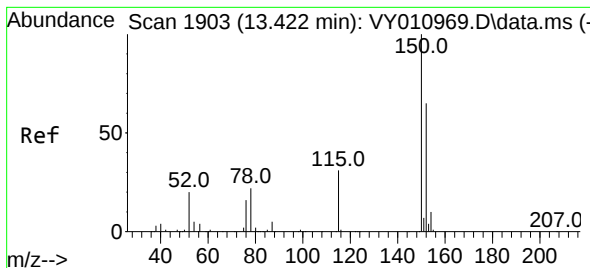
Tgt Ion: 95 Resp: 154393
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 80.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011075.D
Acq: 24 Oct 2022 17:29

Tgt Ion: 117 Resp: 340377
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 33.2 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: VY011075.D

Acq: 24 Oct 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

124019

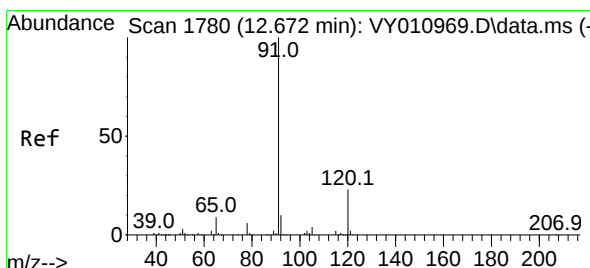
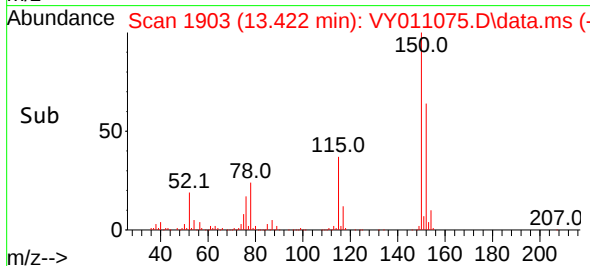
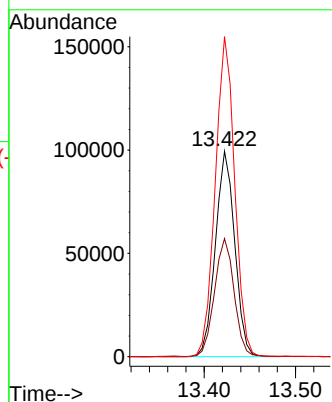
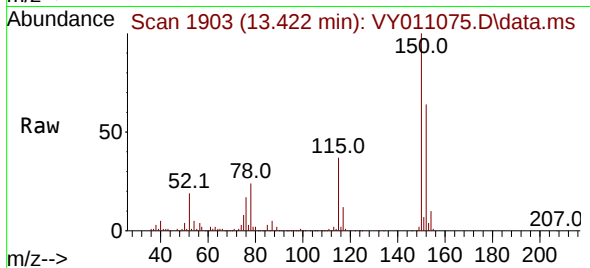
Tgt Ion:152 Resp: 146438

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 156.3 0.0 347.6



#78

n-propylbenzene

Concen: 3.166 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY011075.D

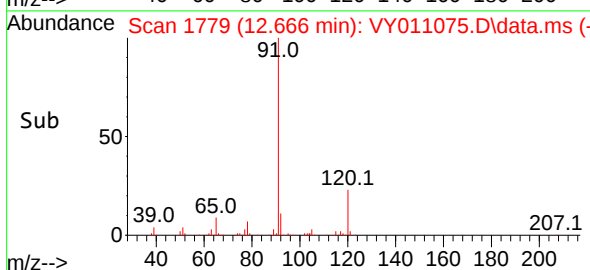
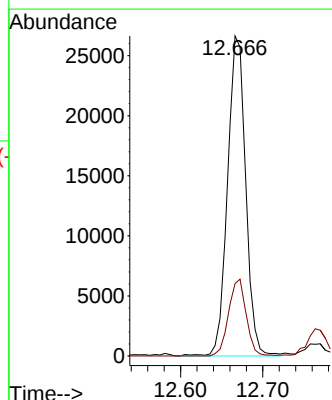
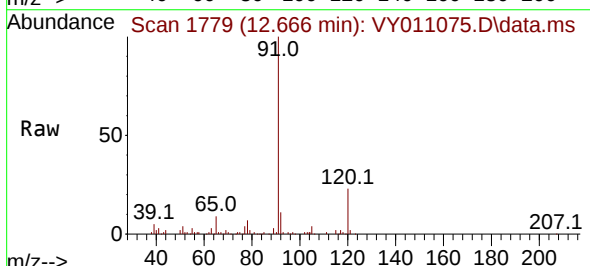
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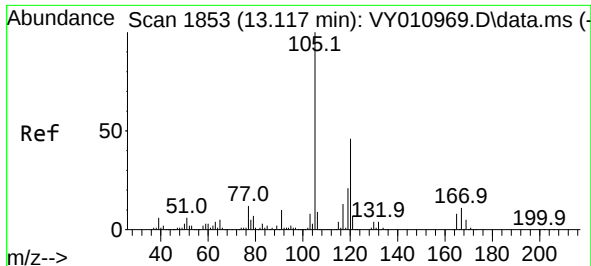
Tgt Ion: 91 Resp: 40982

Ion Ratio Lower Upper

91 100

120 23.3 11.3 33.9

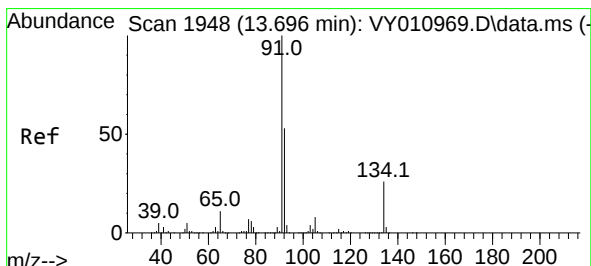
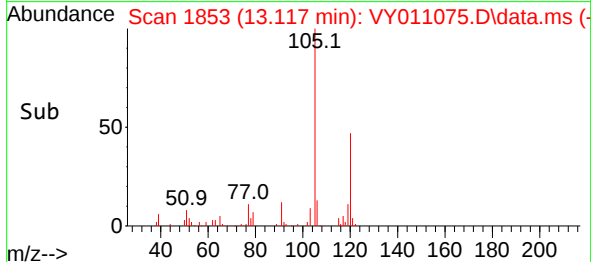
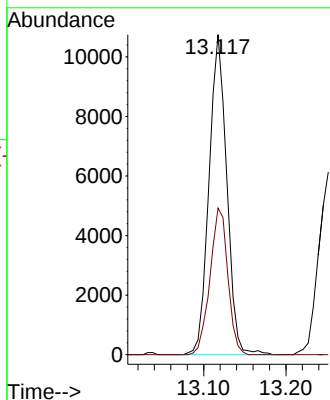
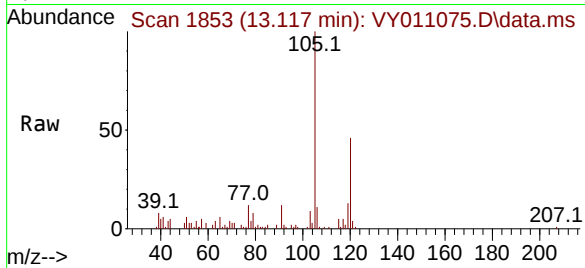




#84
1,2,4-Trimethylbenzene
Concen: 1.841 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011075.D
Acq: 24 Oct 2022 17:29

Instrument :
MSVOA_Y
ClientSampleId :
124019

Tgt Ion:105 Resp: 16111
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.9



#89
n-Butylbenzene
Concen: 2.527 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY011075.D
Acq: 24 Oct 2022 17:29

Tgt Ion: 91 Resp: 22599
Ion Ratio Lower Upper
91 100
92 44.2 26.3 78.9
134 61.6 13.0 38.9#

