

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007934.D
 Acq On : 19 Mar 2022 05:10
 Operator : SY/MD
 Sample : N1958-14
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-14-13-14

Quant Time: Mar 21 03:20:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

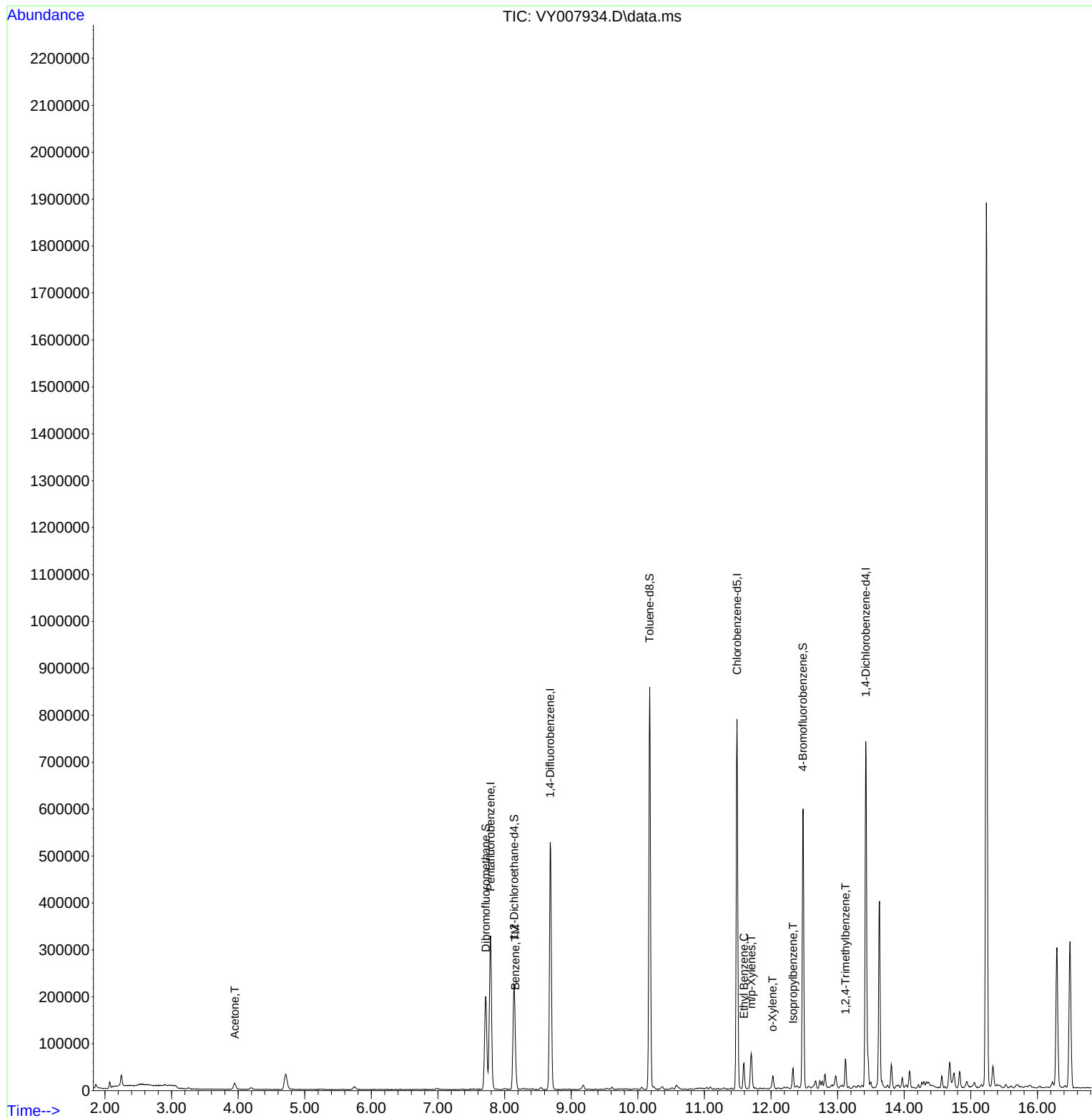
Internal Standards						
1) Pentafluorobenzene	7.789	168	240949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	452441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	418419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151328	55.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.160%	
35) Dibromofluoromethane	7.716	113	141302	44.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.940%	
50) Toluene-d8	10.179	98	555759	58.979	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.960%	
62) 4-Bromofluorobenzene	12.477	95	195491	42.868	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.740%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	22193	30.451	ug/l	96
40) Benzene	8.161	78	43772	3.178	ug/l	96
67) Ethyl Benzene	11.593	91	37786	2.116	ug/l	99
68) m/p-Xylenes	11.703	106	23178	3.328	ug/l	99
69) o-Xylene	12.026	106	7204	1.069	ug/l	94
73) Isopropylbenzene	12.331	105	25936	1.636	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	31537	2.467	ug/l	100

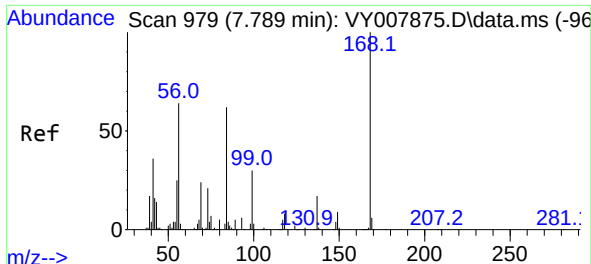
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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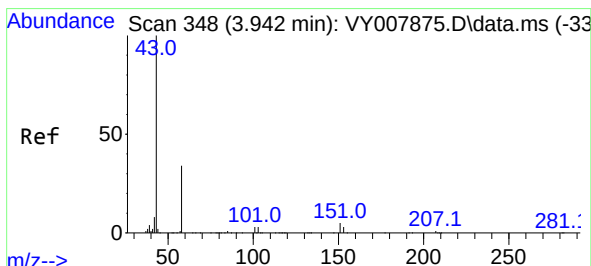
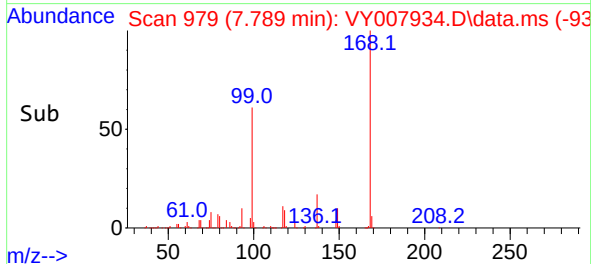
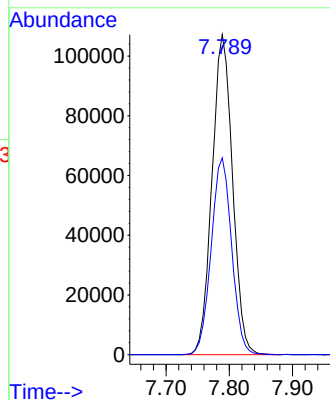
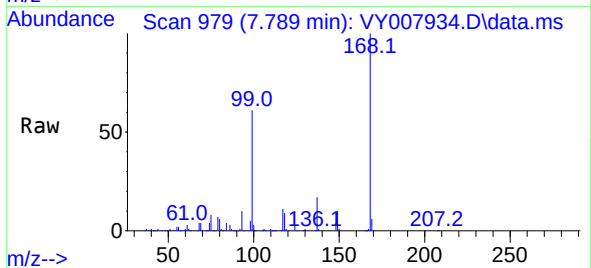




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007934.D
Acq: 19 Mar 2022 05:10

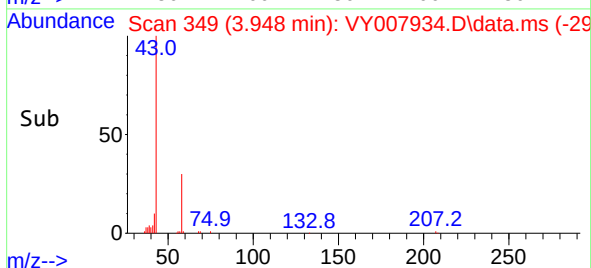
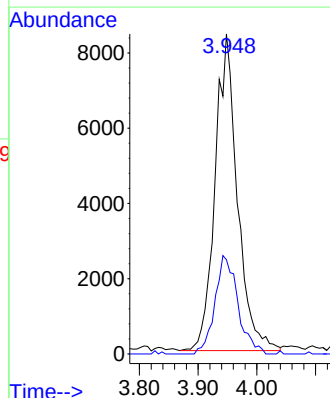
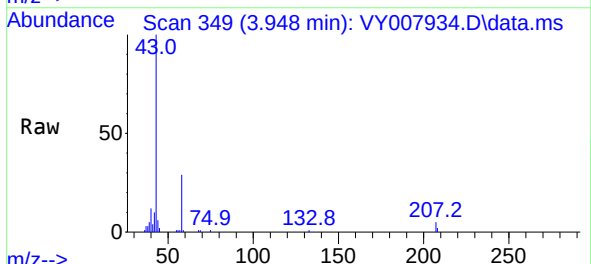
Instrument :
MSVOA_Y
ClientSampleId :
C-14-13-14

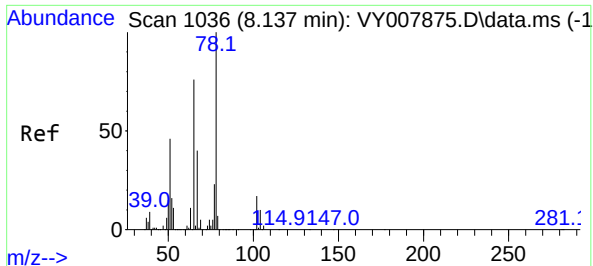
Tgt Ion:168 Resp: 240949
Ion Ratio Lower Upper
168 100
99 61.5 46.9 70.3



#16
Acetone
Concen: 30.451 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007934.D
Acq: 19 Mar 2022 05:10

Tgt Ion: 43 Resp: 22193
Ion Ratio Lower Upper
43 100
58 29.8 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 55.083 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY007934.D

Acq: 19 Mar 2022 05:10

Instrument :

MSVOA_Y

ClientSampleId :

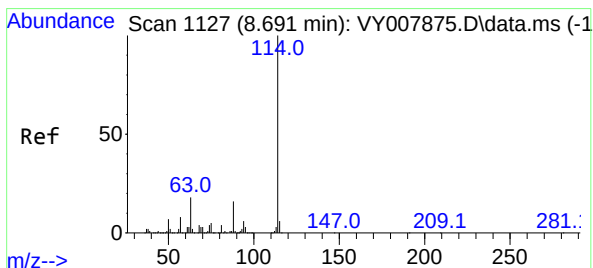
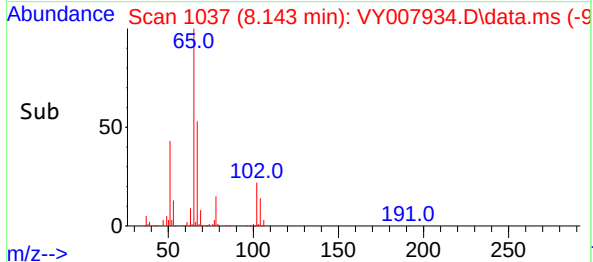
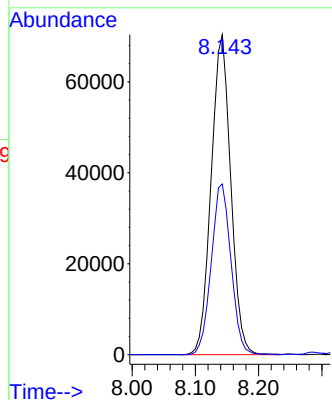
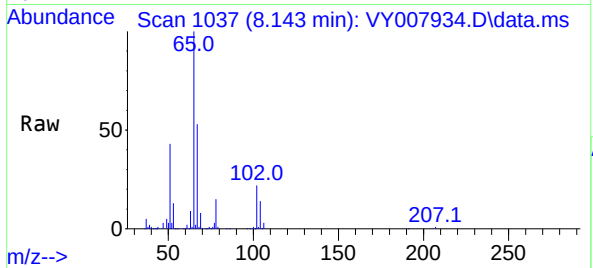
C-14-13-14

Tgt Ion: 65 Resp: 151328

Ion Ratio Lower Upper

65 100

67 53.7 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: VY007934.D

Acq: 19 Mar 2022 05:10

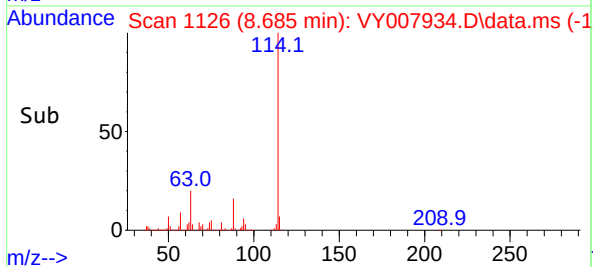
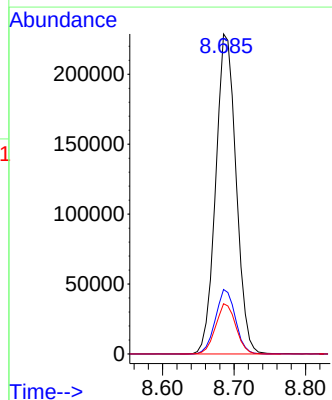
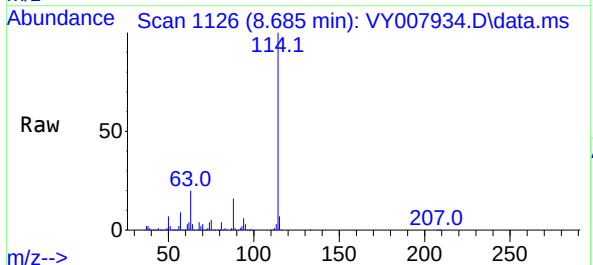
Tgt Ion: 114 Resp: 452441

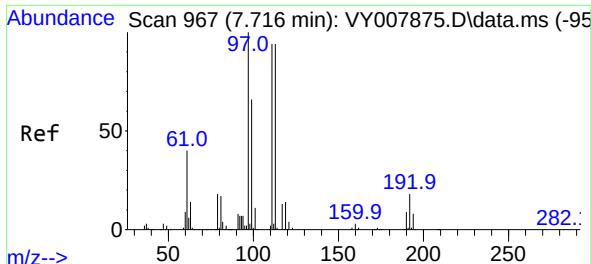
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.7 0.0 31.8

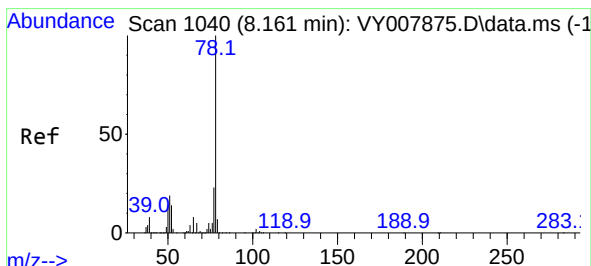
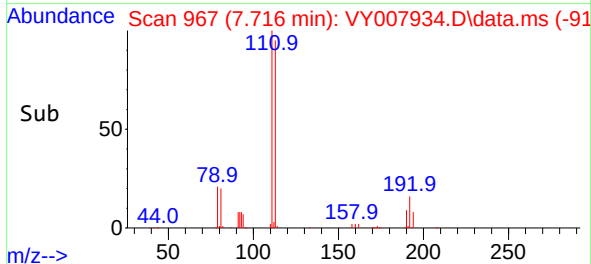
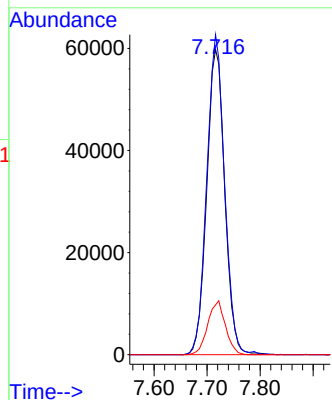
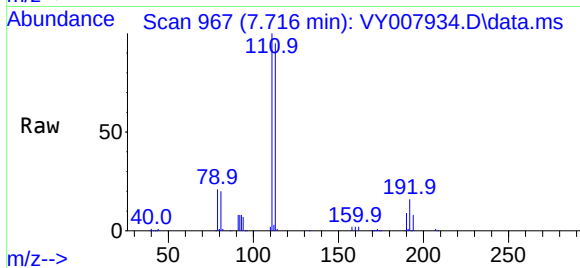




#35
Dibromofluoromethane
Concen: 44.470 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007934.D
Acq: 19 Mar 2022 05:10

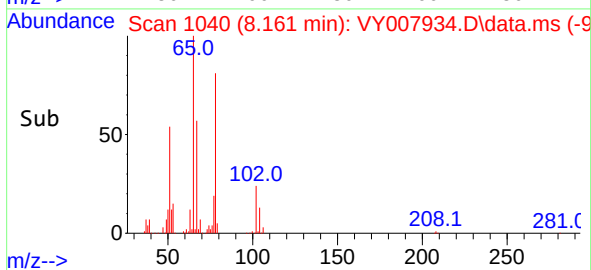
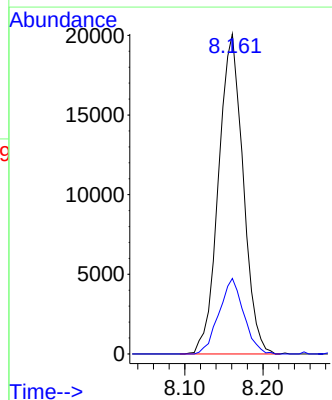
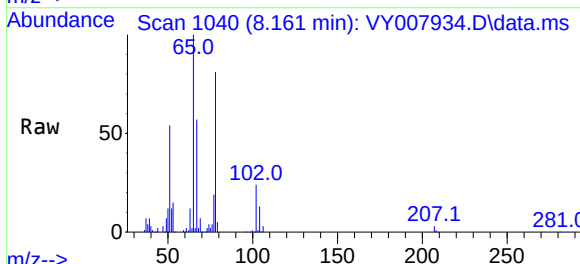
Instrument :
MSVOA_Y
ClientSampleId :
C-14-13-14

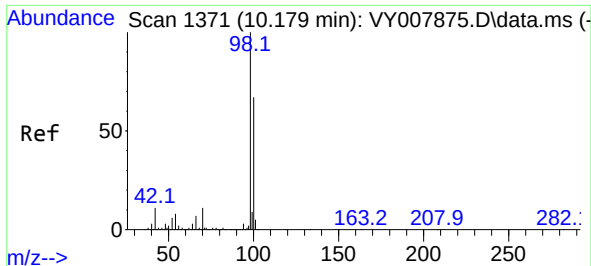
Tgt Ion:113 Resp: 141302
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 17.3 17.6 26.4#



#40
Benzene
Concen: 3.178 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007934.D
Acq: 19 Mar 2022 05:10

Tgt Ion: 78 Resp: 43772
Ion Ratio Lower Upper
78 100
77 23.6 20.4 30.6

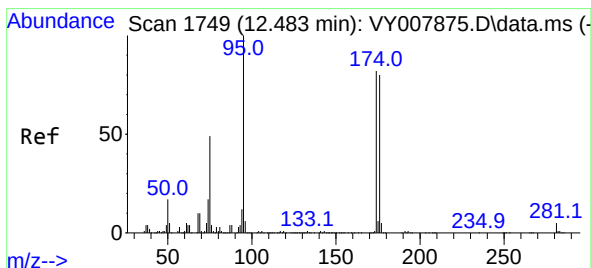
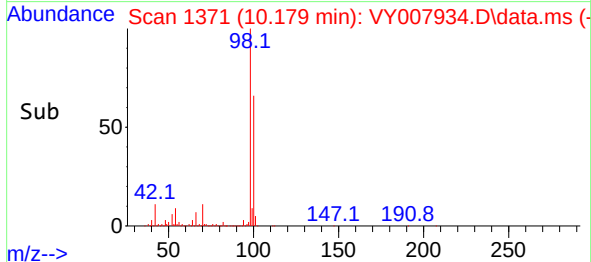
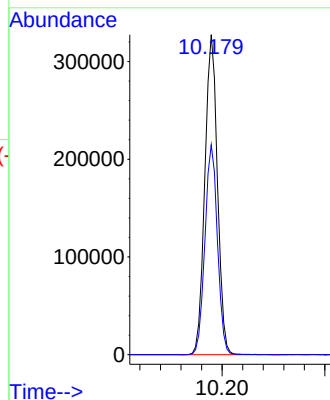
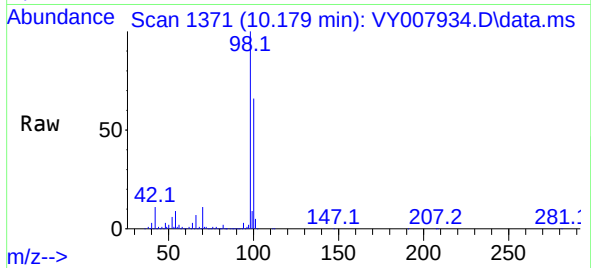




#50
Toluene-d8
Concen: 58.979 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007934.D
Acq: 19 Mar 2022 05:10

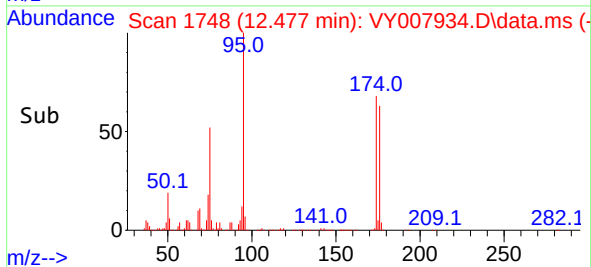
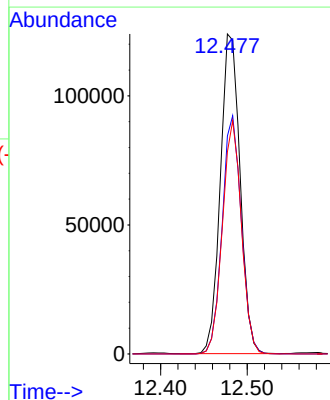
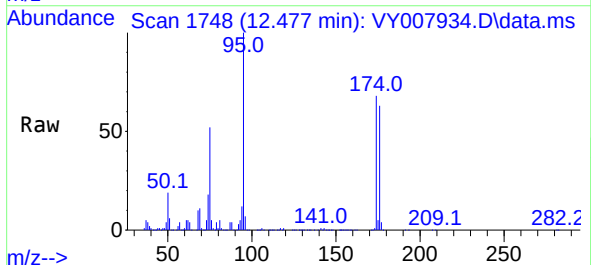
Instrument :
MSVOA_Y
ClientSampleId :
C-14-13-14

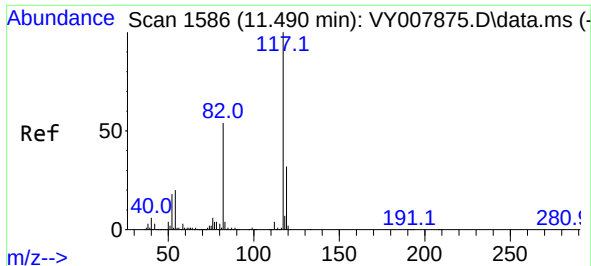
Tgt Ion: 98 Resp: 555759
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.868 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007934.D
Acq: 19 Mar 2022 05:10

Tgt Ion: 95 Resp: 195491
Ion Ratio Lower Upper
95 100
174 72.5 0.0 177.0
176 70.4 0.0 175.8

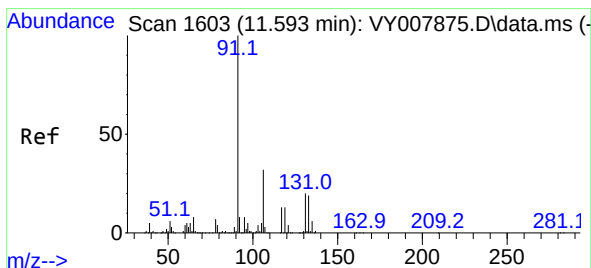
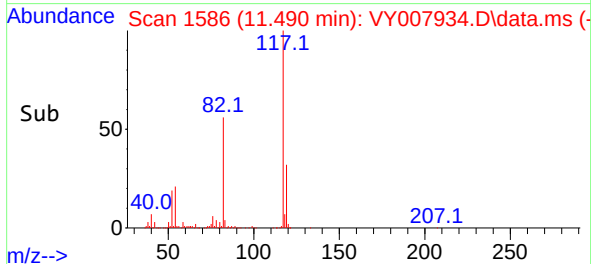
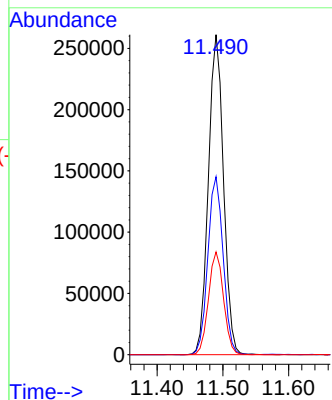
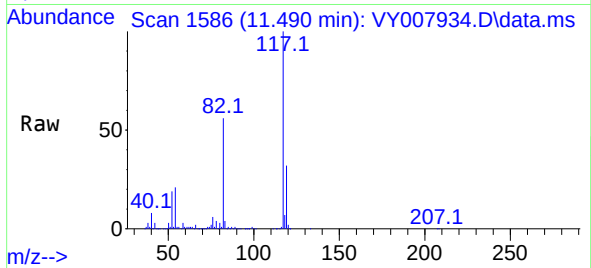




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007934.D
Acq: 19 Mar 2022 05:10

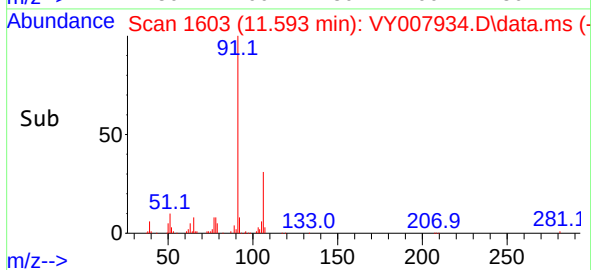
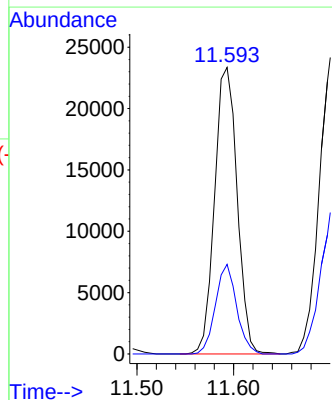
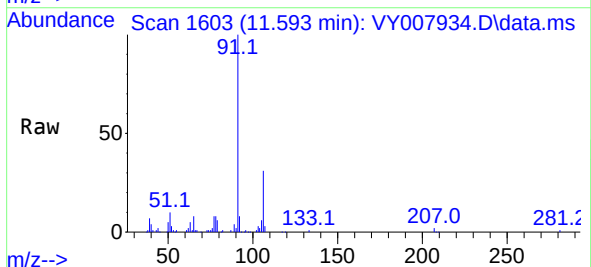
Instrument :
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ClientSampleId :
C-14-13-14

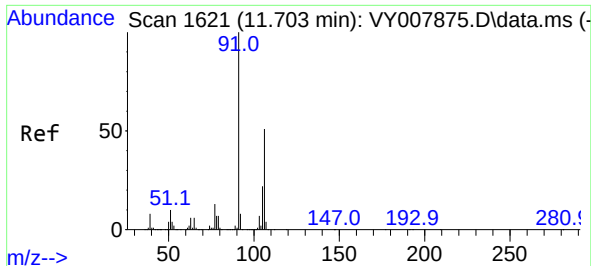
Tgt Ion:117 Resp: 418419
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 32.1 25.4 38.0



#67
Ethyl Benzene
Concen: 2.116 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007934.D
Acq: 19 Mar 2022 05:10

Tgt Ion: 91 Resp: 37786
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7

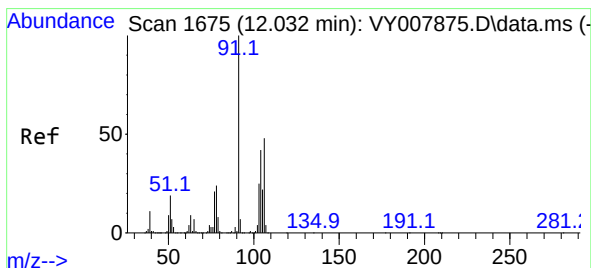
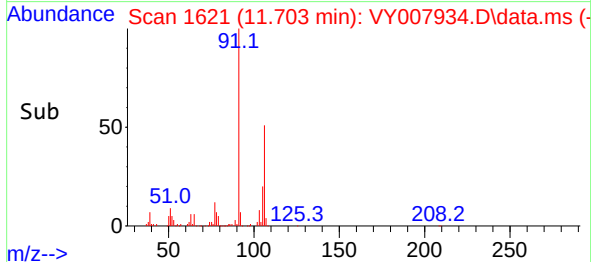
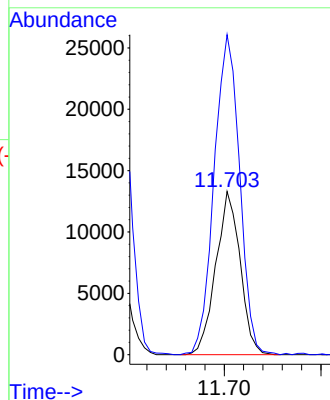
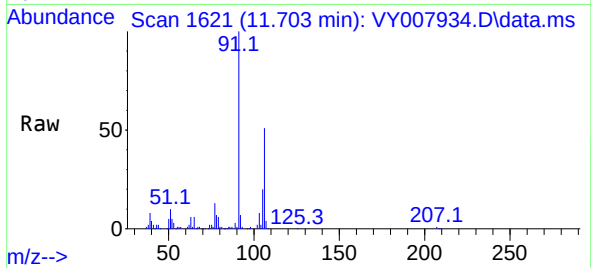




#68
m/p-Xylenes
Concen: 3.328 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007934.D
Acq: 19 Mar 2022 05:10

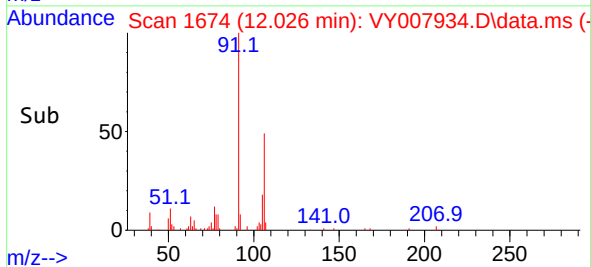
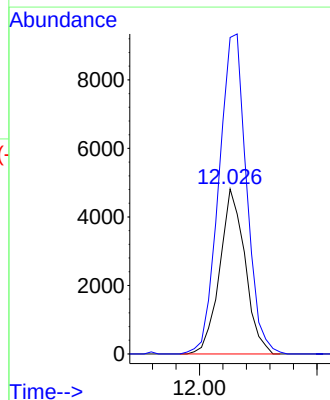
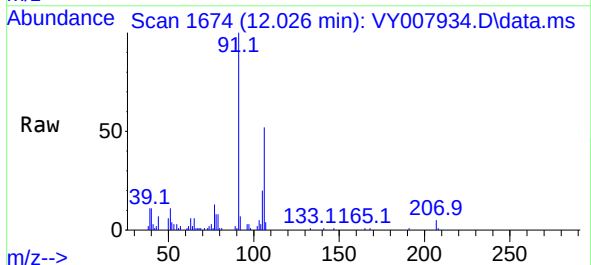
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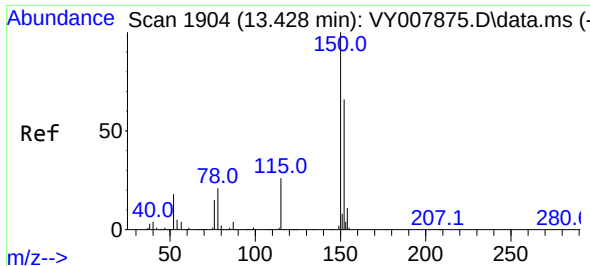
Tgt Ion:106 Resp: 23178
Ion Ratio Lower Upper
106 100
91 205.9 166.6 249.8



#69
o-Xylene
Concen: 1.069 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007934.D
Acq: 19 Mar 2022 05:10

Tgt Ion:106 Resp: 7204
Ion Ratio Lower Upper
106 100
91 211.7 110.3 331.0

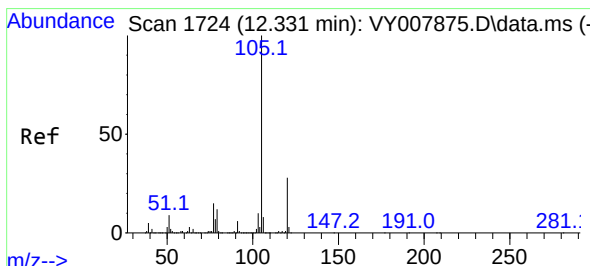
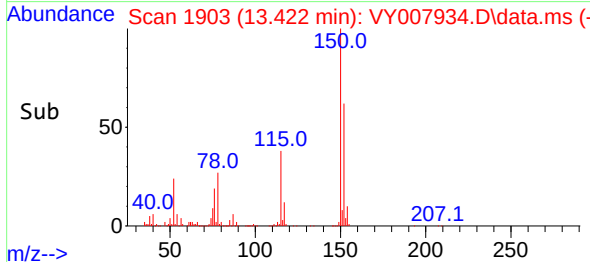
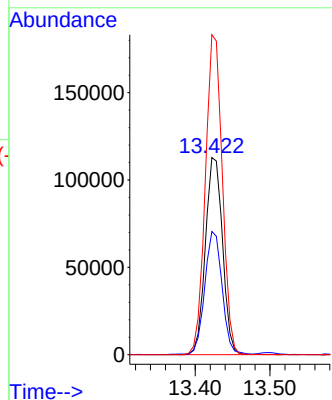
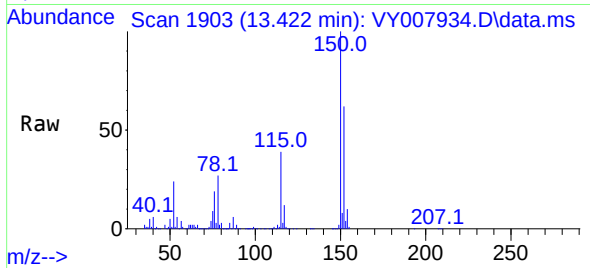




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY007934.D
Acq: 19 Mar 2022 05:10

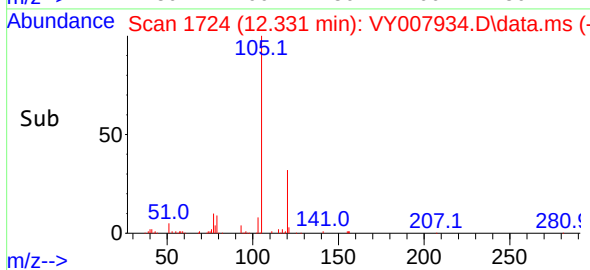
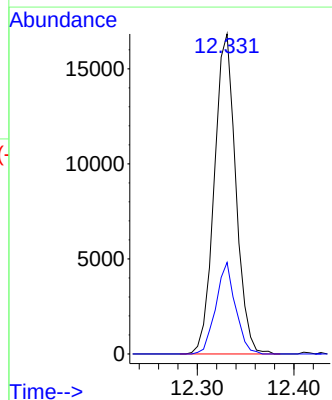
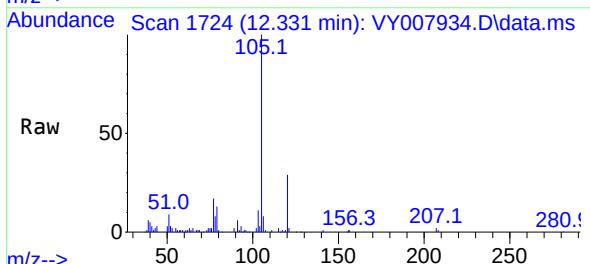
Instrument :
MSVOA_Y
ClientSampleId :
C-14-13-14

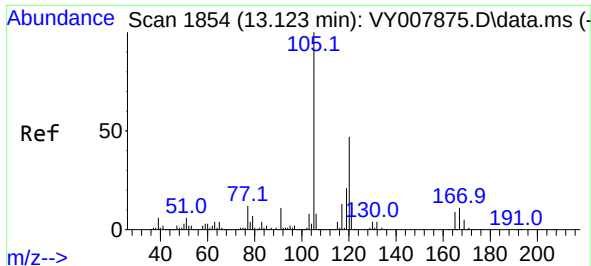
Tgt Ion:152 Resp: 180150
Ion Ratio Lower Upper
152 100
115 63.2 28.2 84.7
150 159.9 0.0 347.6



#73
Isopropylbenzene
Concen: 1.636 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007934.D
Acq: 19 Mar 2022 05:10

Tgt Ion:105 Resp: 25936
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2





#84

1,2,4-Trimethylbenzene

Concen: 2.467 ug/l

RT: 13.117 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007934.D

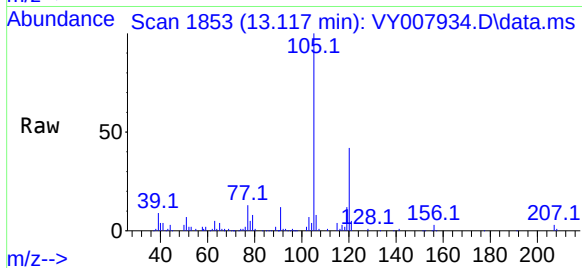
Acq: 19 Mar 2022 05:10

Instrument :

MSVOA_Y

ClientSampleId :

C-14-13-14



Tgt Ion:105 Resp: 31537

Ion Ratio Lower Upper

105 100

120 44.3 22.3 66.9

