

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY007996.D
 Acq On : 22 Mar 2022 13:34
 Operator : SY/MD
 Sample : N1974-10
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-6-7-14-15

Quant Time: Mar 23 05:06:37 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)

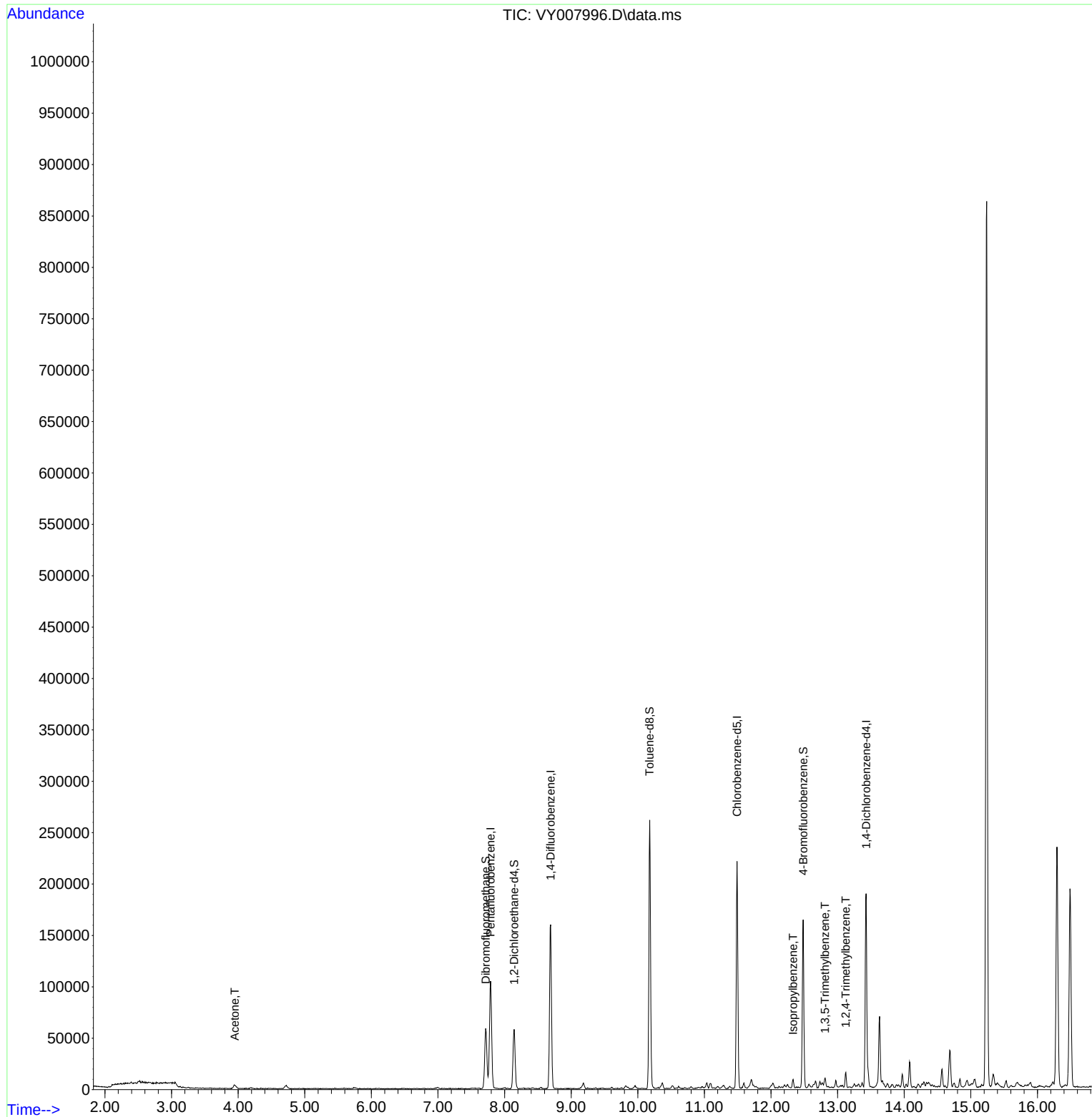
Internal Standards						
1) Pentafluorobenzene	7.789	168	75215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	137473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	114859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	42797	49.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.80%
35) Dibromofluoromethane	7.716	113	40613	42.07	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.14%
50) Toluene-d8	10.179	98	165279	57.59	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.18%
62) 4-Bromofluorobenzene	12.483	95	50009	36.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.18%
Target Compounds						
16) Acetone	3.948	43	6346	27.89	ug/l	91
73) Isopropylbenzene	12.331	105	4966	1.25	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	3270	1.00	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	7081	2.21	ug/l	97

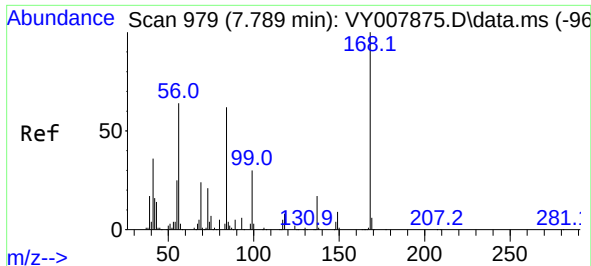
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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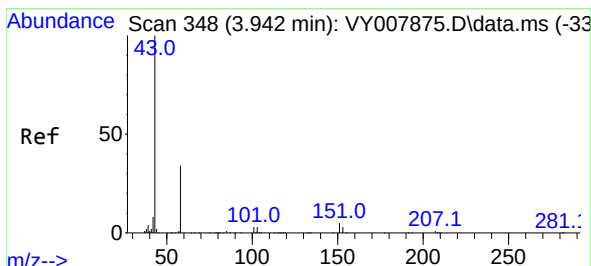
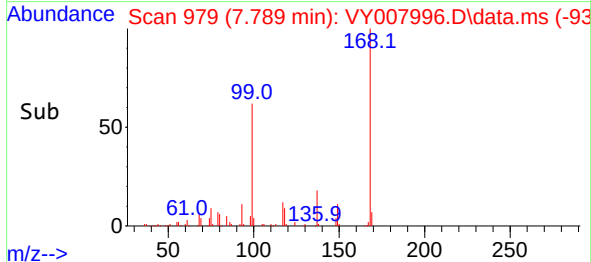
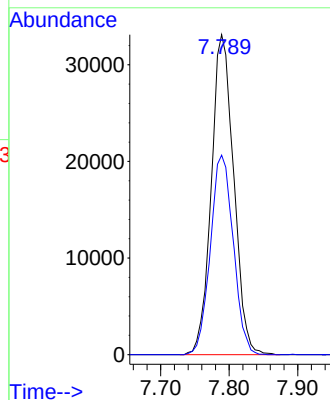
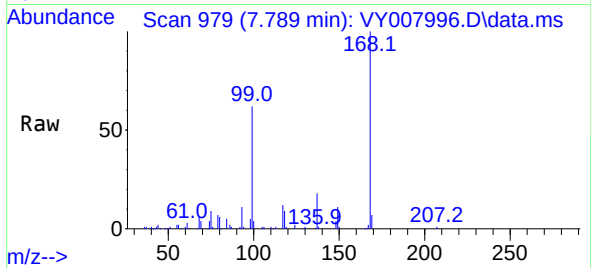




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007996.D
Acq: 22 Mar 2022 13:34

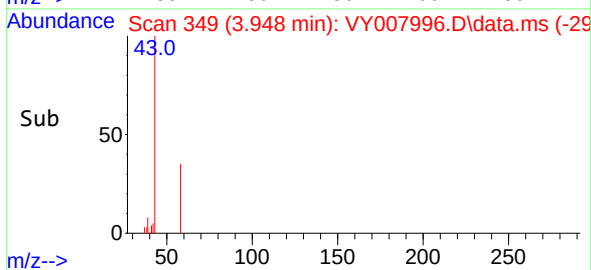
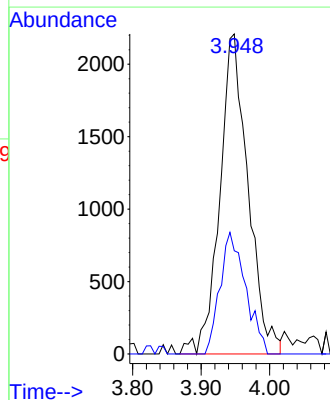
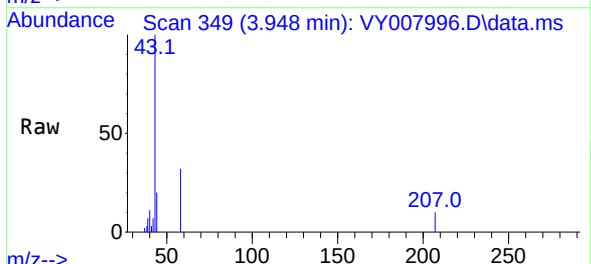
Instrument :
MSVOA_Y
ClientSampleId :
G-6-7-14-15

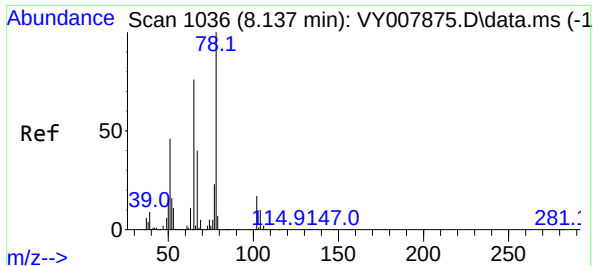
Tgt Ion:168 Resp: 75215
Ion Ratio Lower Upper
168 100
99 62.3 46.9 70.3



#16
Acetone
Concen: 27.89 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007996.D
Acq: 22 Mar 2022 13:34

Tgt Ion: 43 Resp: 6346
Ion Ratio Lower Upper
43 100
58 32.3 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 49.90 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007996.D

Acq: 22 Mar 2022 13:34

Instrument :

MSVOA_Y

ClientSampleId :

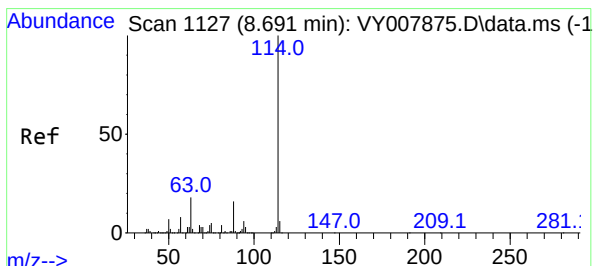
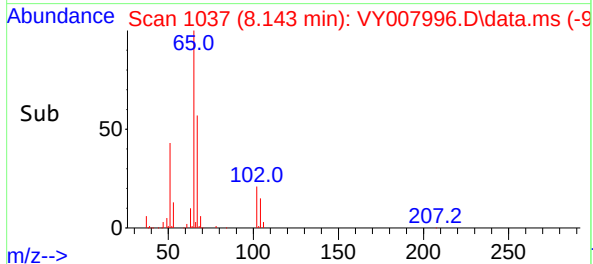
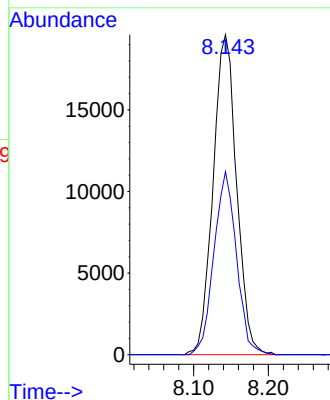
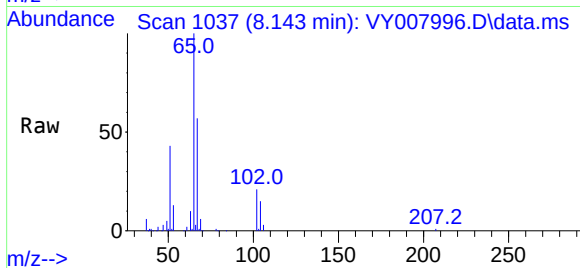
G-6-7-14-15

Tgt Ion: 65 Resp: 42797

Ion Ratio Lower Upper

65 100

67 55.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007996.D

Acq: 22 Mar 2022 13:34

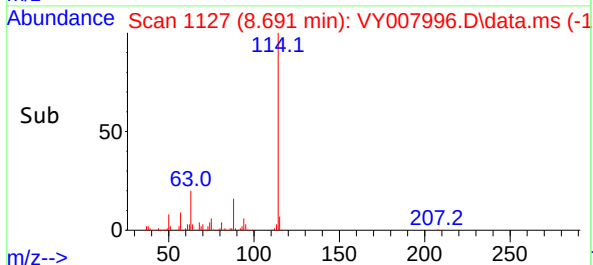
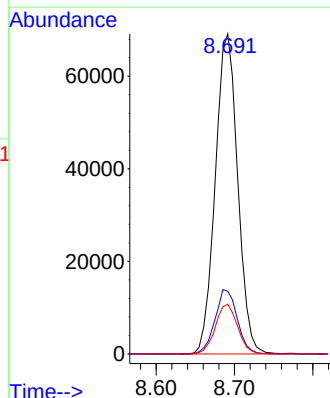
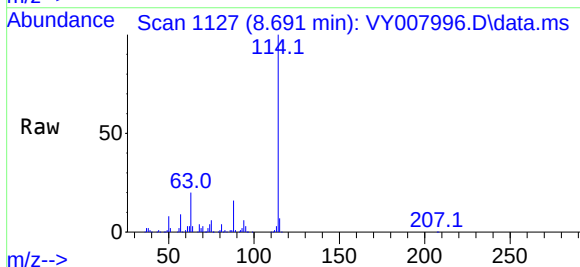
Tgt Ion:114 Resp: 137473

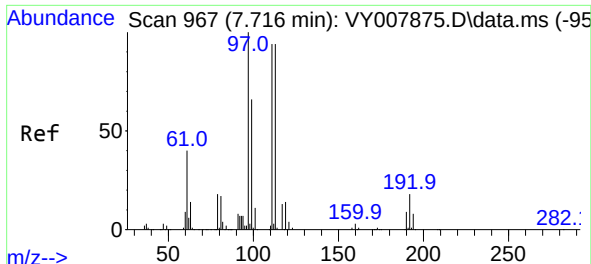
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.5 0.0 31.8

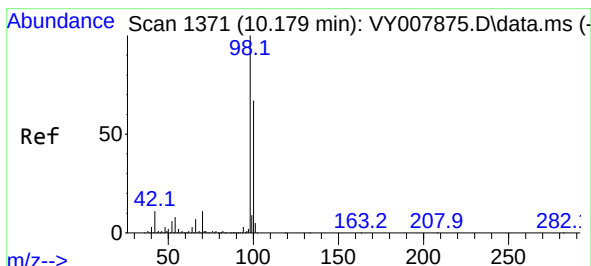
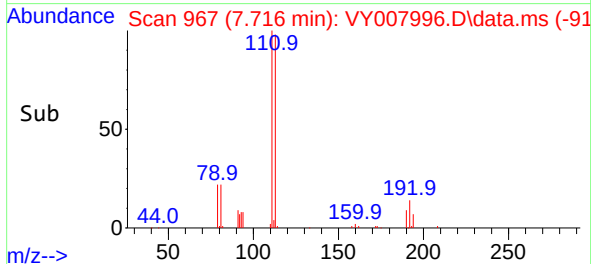
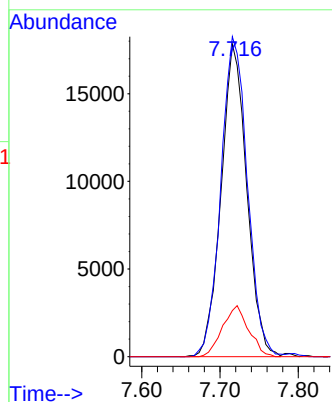
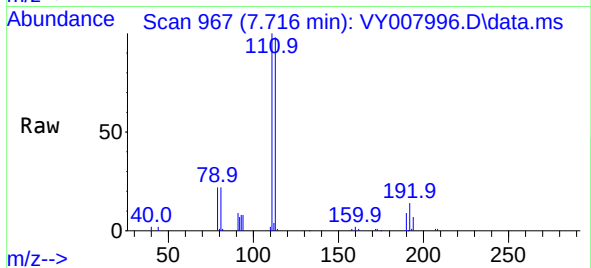




#35
Dibromofluoromethane
Concen: 42.07 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007996.D
Acq: 22 Mar 2022 13:34

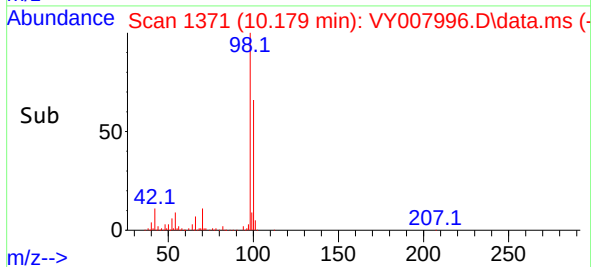
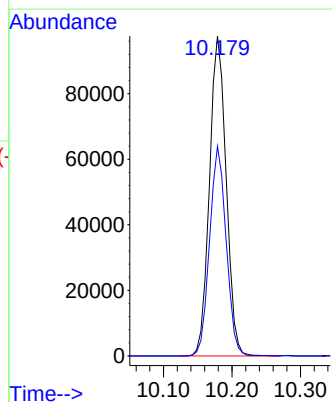
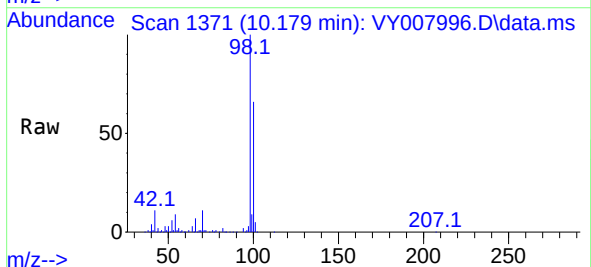
Instrument :
MSVOA_Y
ClientSampleId :
G-6-7-14-15

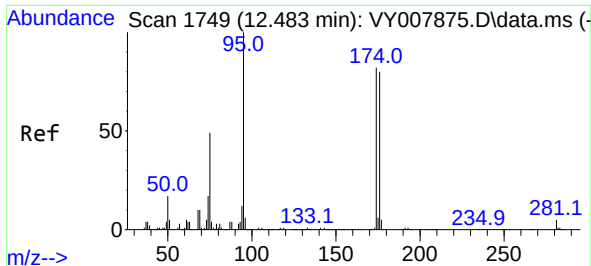
Tgt Ion:113 Resp: 40613
Ion Ratio Lower Upper
113 100
111 105.7 82.6 124.0
192 16.6 17.6 26.4#



#50
Toluene-d8
Concen: 57.59 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007996.D
Acq: 22 Mar 2022 13:34

Tgt Ion: 98 Resp: 165279
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

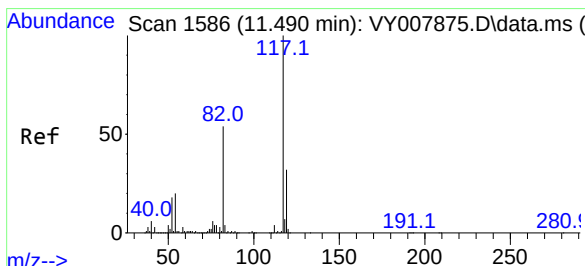
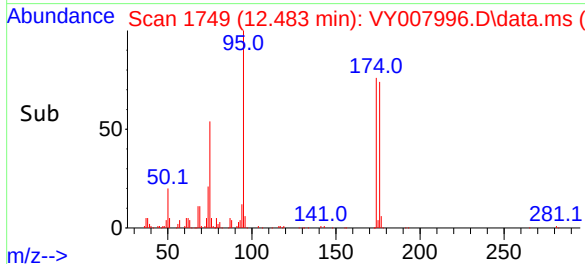
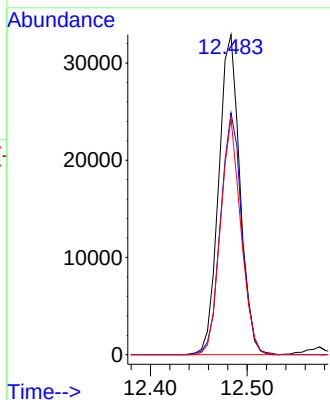
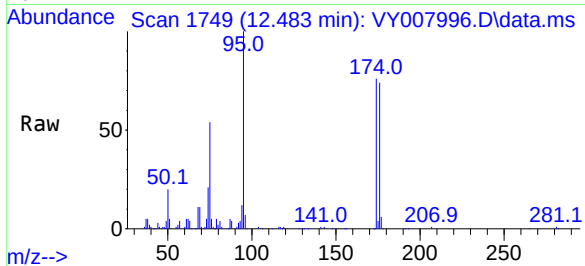




#62
4-Bromofluorobenzene
Concen: 36.09 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007996.D
Acq: 22 Mar 2022 13:34

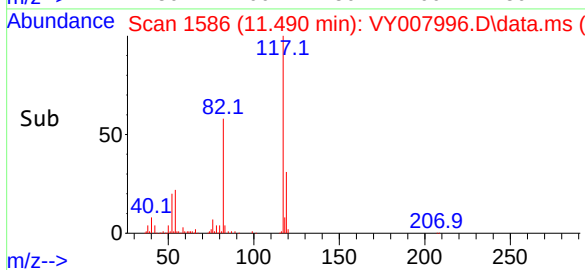
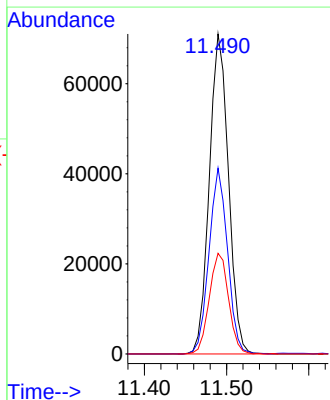
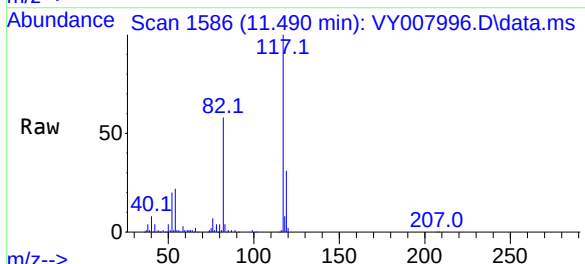
Instrument :
MSVOA_Y
ClientSampleId :
G-6-7-14-15

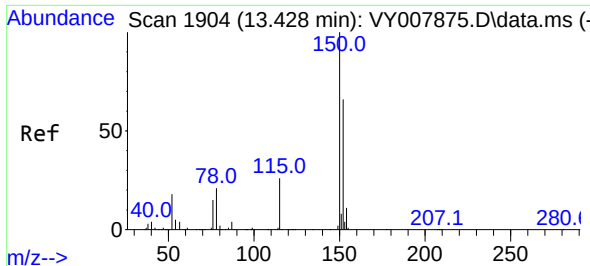
Tgt Ion: 95 Resp: 50009
Ion Ratio Lower Upper
95 100
174 75.4 0.0 177.0
176 71.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007996.D
Acq: 22 Mar 2022 13:34

Tgt Ion: 117 Resp: 114859
Ion Ratio Lower Upper
117 100
82 58.0 43.0 64.4
119 31.4 25.4 38.0

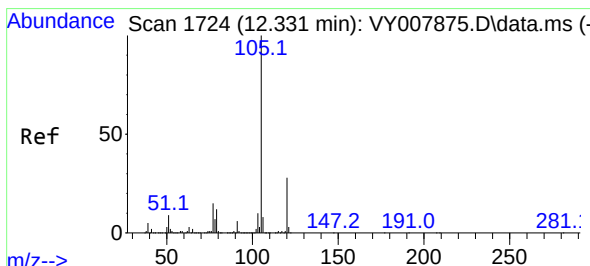
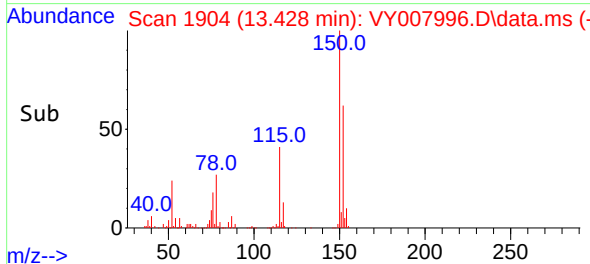
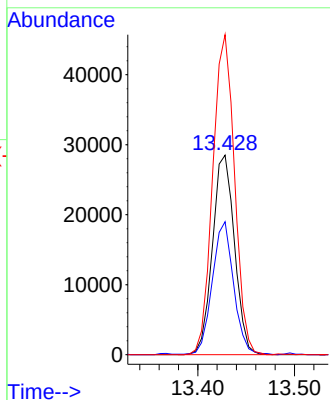
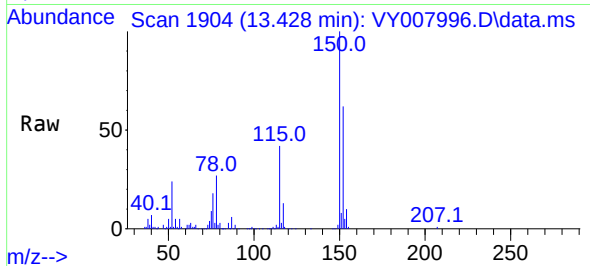




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007996.D
Acq: 22 Mar 2022 13:34

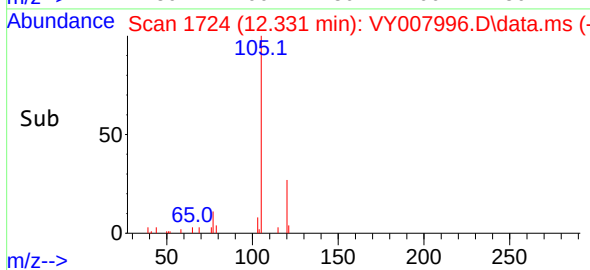
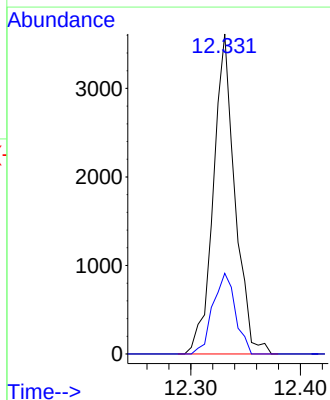
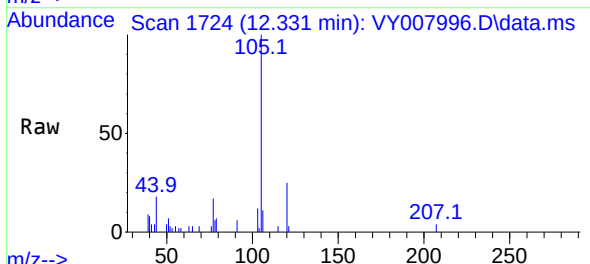
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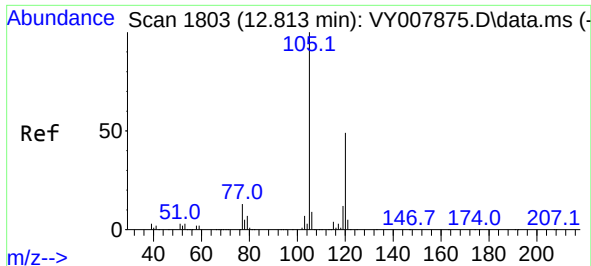
Tgt Ion:152 Resp: 45067
Ion Ratio Lower Upper
152 100
115 64.8 28.2 84.7
150 158.8 0.0 347.6



#73
Isopropylbenzene
Concen: 1.25 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007996.D
Acq: 22 Mar 2022 13:34

Tgt Ion:105 Resp: 4966
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2

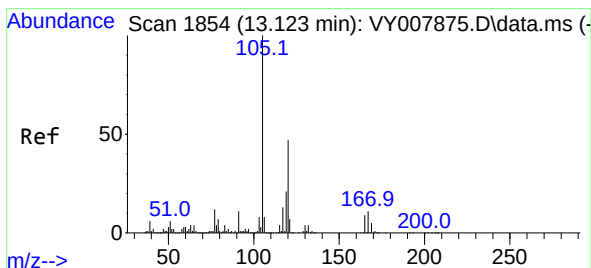
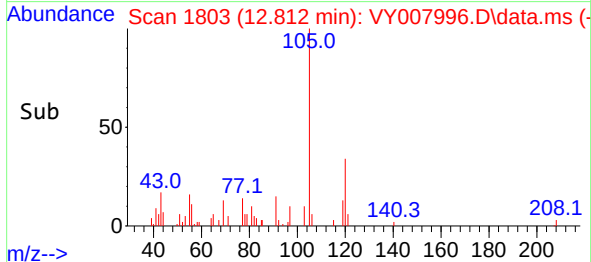
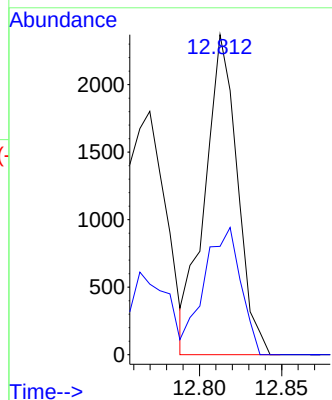
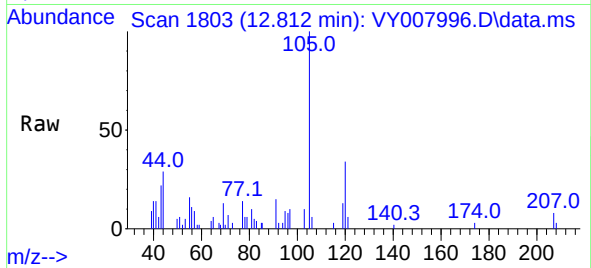




#80
1,3,5-Trimethylbenzene
Concen: 1.00 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007996.D
Acq: 22 Mar 2022 13:34

Instrument :
MSVOA_Y
ClientSampleId :
G-6-7-14-15

Tgt Ion:105 Resp: 3270
Ion Ratio Lower Upper
105 100
120 44.5 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 2.21 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY007996.D
Acq: 22 Mar 2022 13:34

Tgt Ion:105 Resp: 7081
Ion Ratio Lower Upper
105 100
120 46.7 22.3 66.9

