

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
 Data File : VY004664.D
 Acq On : 29 Apr 2021 17:12
 Operator : SY/MD
 Sample : M2196-07
 Misc : 6.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WALL-D-4075-B

Quant Time: Apr 30 04:33:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

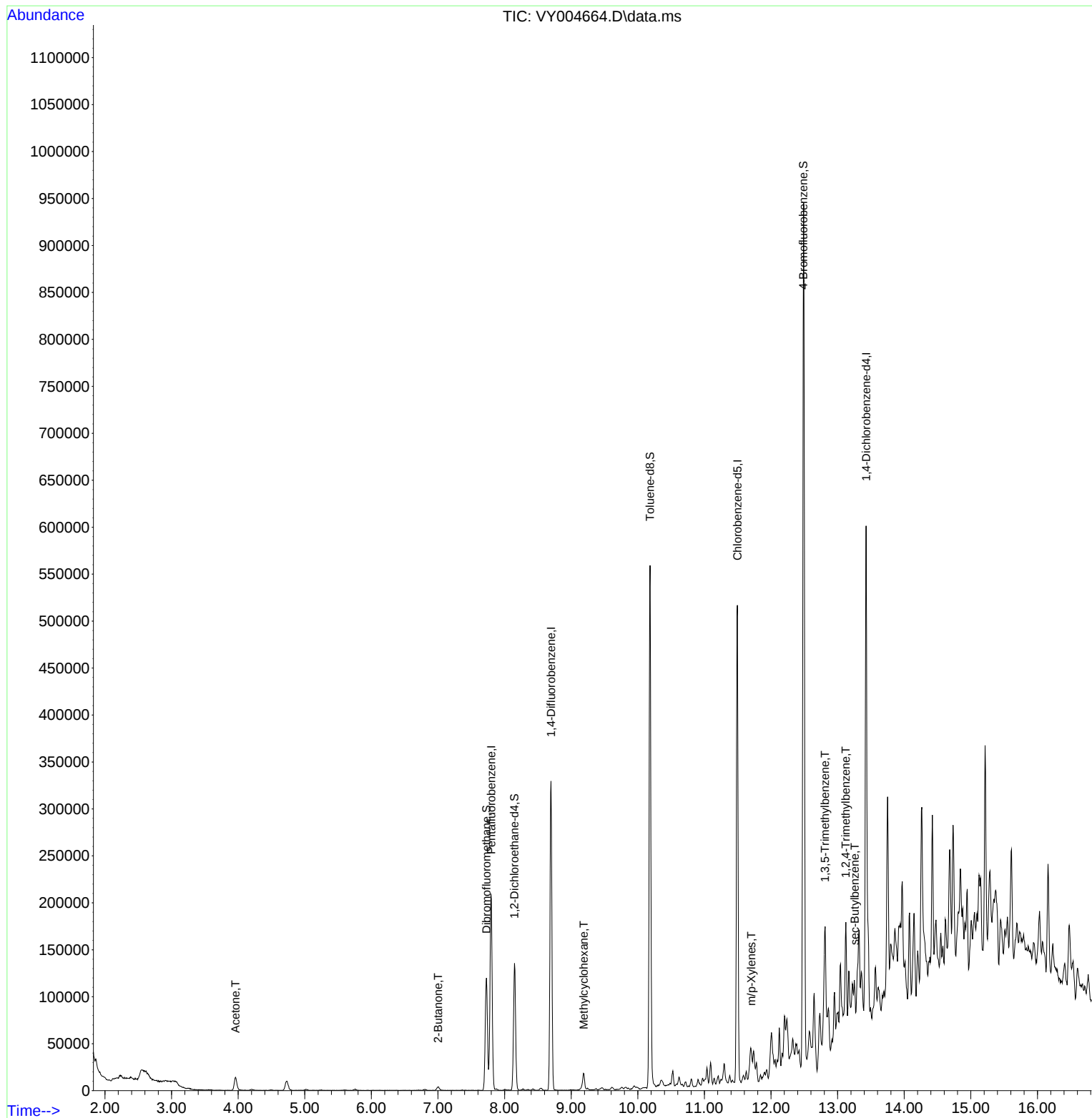
Internal Standards						
1) Pentafluorobenzene	7.801	168	154373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	270883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	262503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102877	59.98	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.96%	
35) Dibromofluoromethane	7.728	113	83047	55.24	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.48%	
50) Toluene-d8	10.185	98	340221	53.21	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.42%	
62) 4-Bromofluorobenzene	12.483	95	123454	56.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.78%	
Target Compounds						
						Qvalue
16) Acetone	3.960	43	24729	52.75	ug/l	99
25) 2-Butanone	7.002	43	7065	10.81	ug/l	94
39) Methylcyclohexane	9.191	83	6981	2.11	ug/l #	84
68) m/p-Xylenes	11.703	106	7487	2.01	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	18422	2.37	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	53284	6.80	ug/l	98
85) sec-Butylbenzene	13.257	105	11173	1.21	ug/l #	65

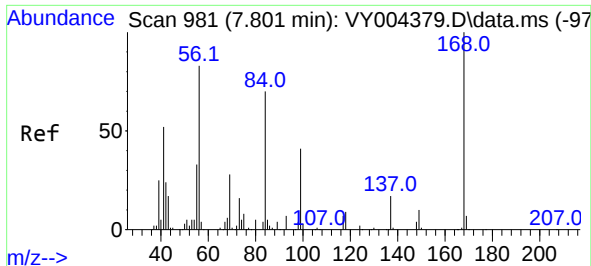
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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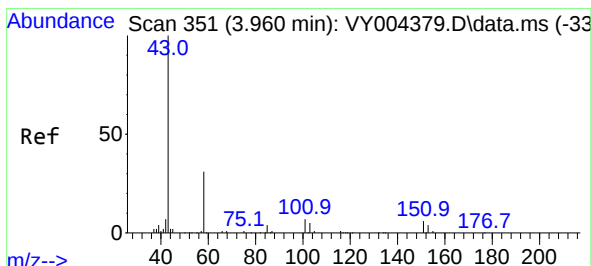
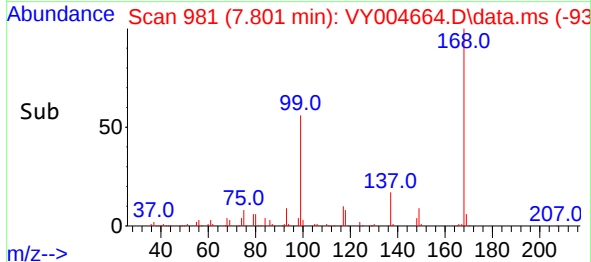
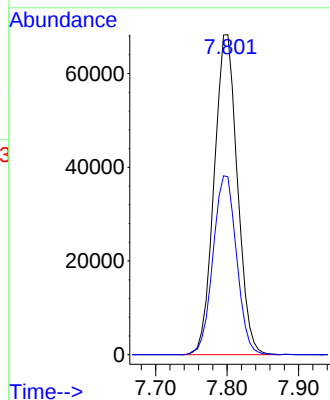
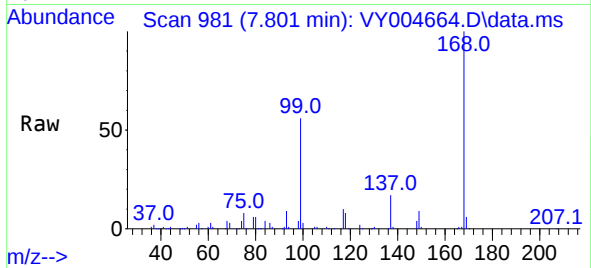




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

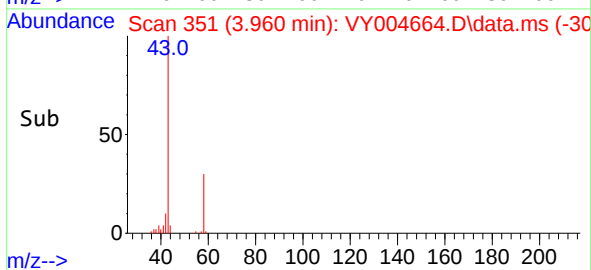
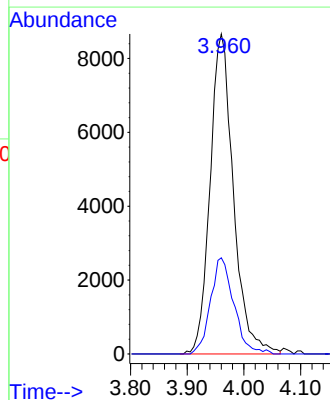
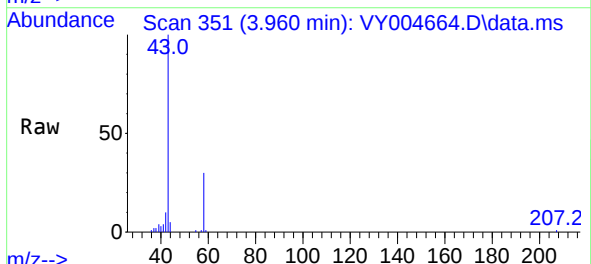
Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-B

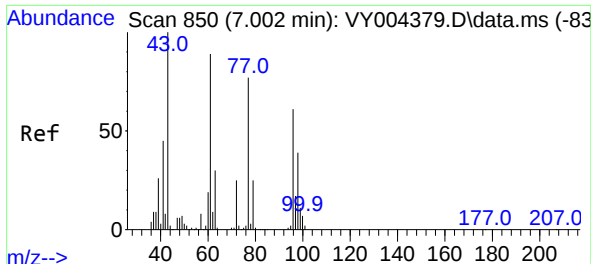
Tgt Ion:168 Resp: 154373
Ion Ratio Lower Upper
168 100
99 55.6 45.5 68.3



#16
Acetone
Concen: 52.75 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

Tgt Ion: 43 Resp: 24729
Ion Ratio Lower Upper
43 100
58 30.1 24.6 37.0

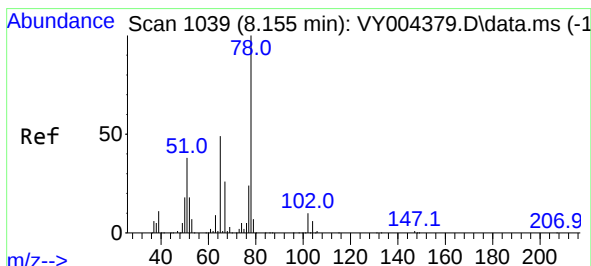
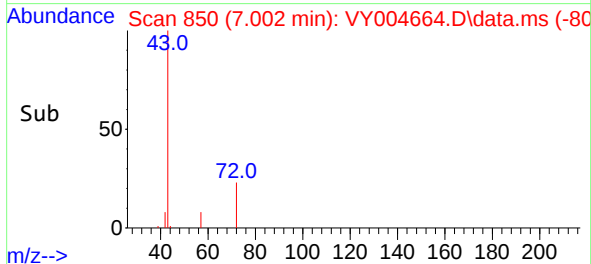
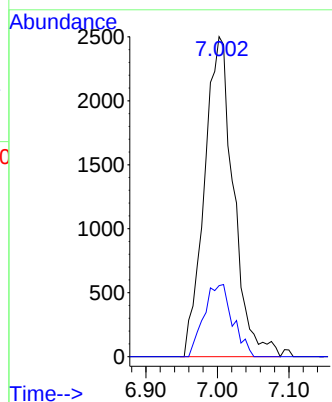
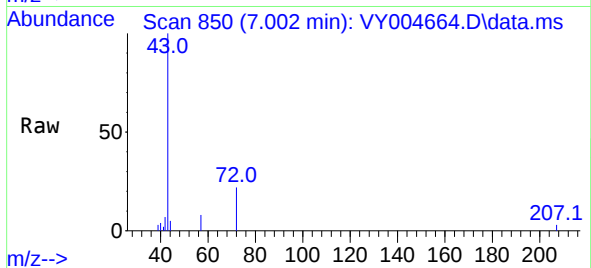




#25
2-Butanone
Concen: 10.81 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

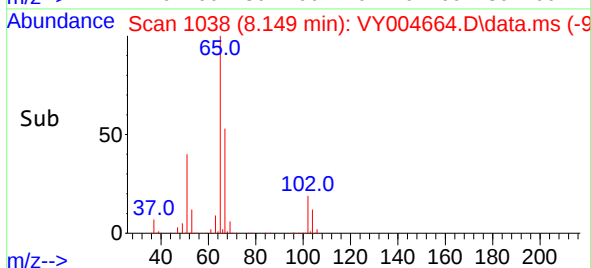
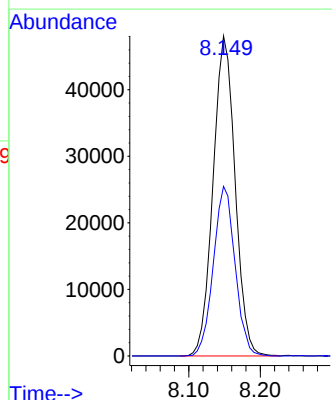
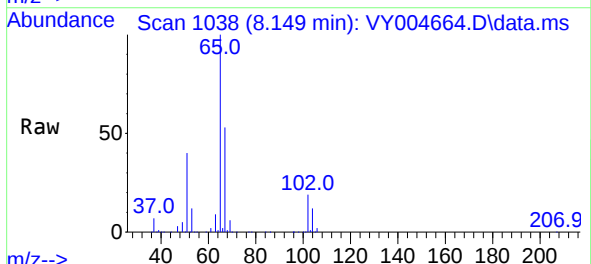
Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-B

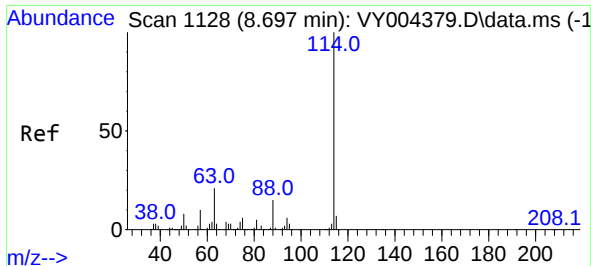
Tgt Ion: 43 Resp: 7065
Ion Ratio Lower Upper
43 100
72 22.2 20.2 30.2



#33
1,2-Dichloroethane-d4
Concen: 59.98 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

Tgt Ion: 65 Resp: 102877
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004664.D

Acq: 29 Apr 2021 17:12

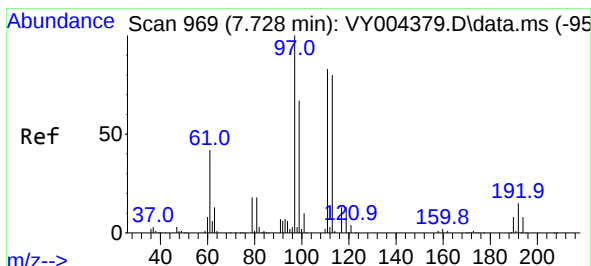
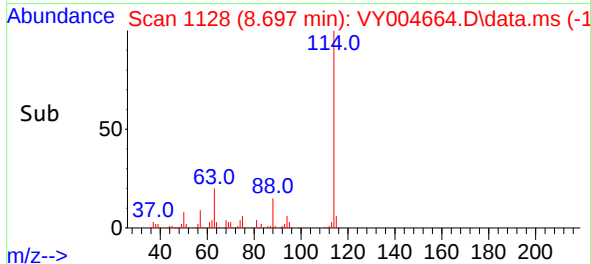
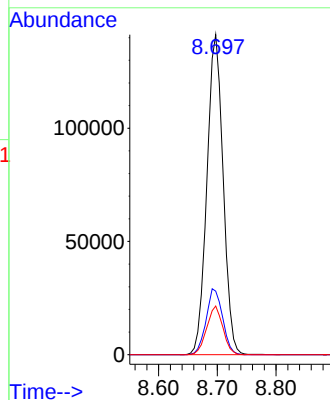
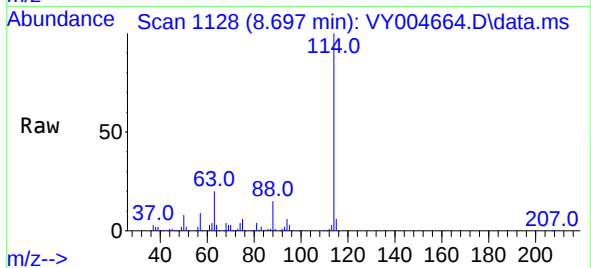
Tgt Ion:114 Resp: 270883

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 55.24 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004664.D

Acq: 29 Apr 2021 17:12

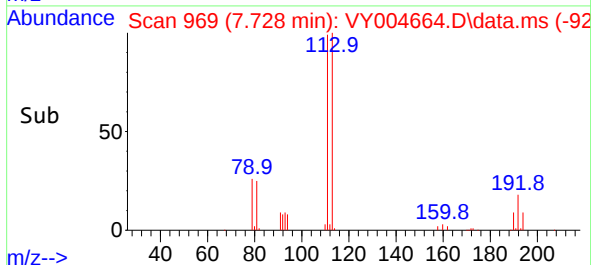
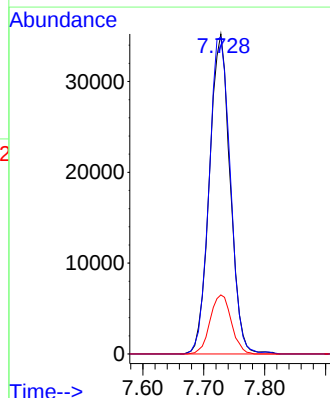
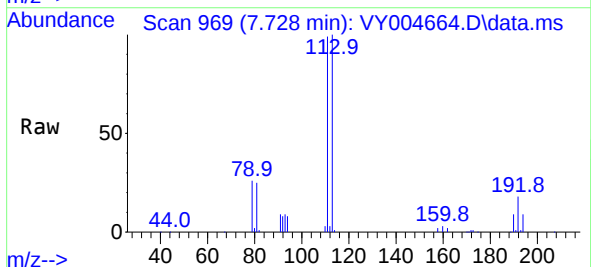
Tgt Ion:113 Resp: 83047

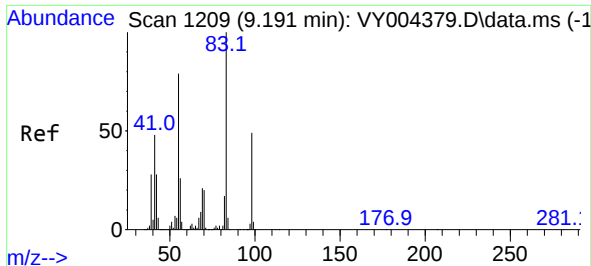
Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 18.9 16.1 24.1

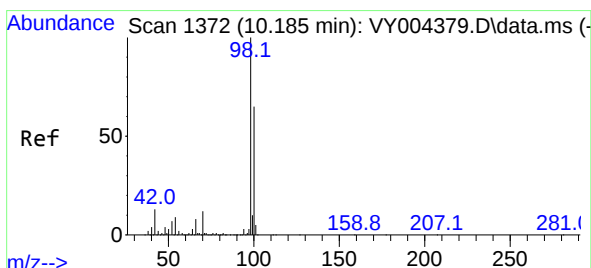
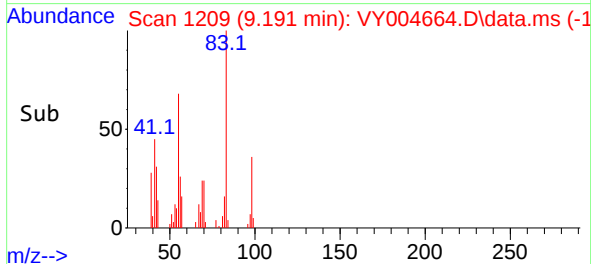
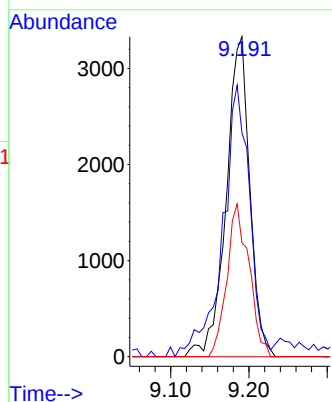
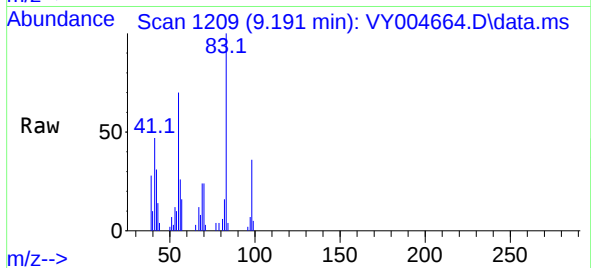




#39
Methylcyclohexane
Concen: 2.11 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

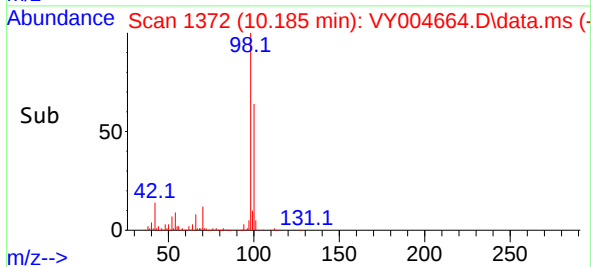
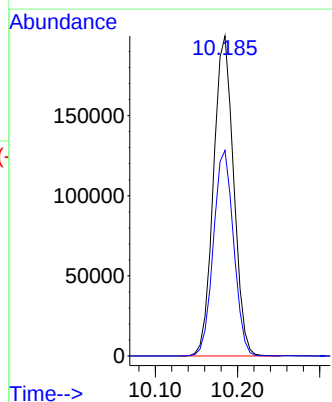
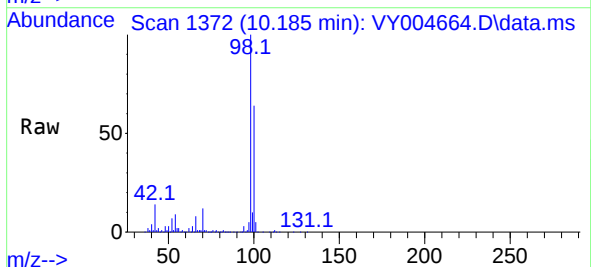
Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-B

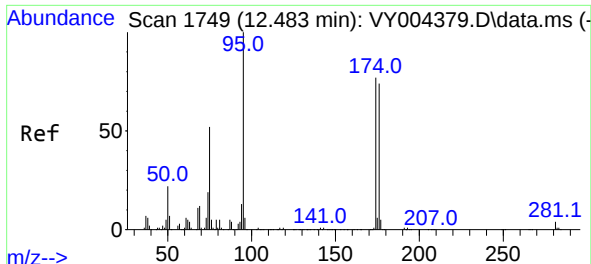
Tgt Ion: 83 Resp: 6981
Ion Ratio Lower Upper
83 100
55 67.1 63.0 94.4
98 35.6 39.2 58.8#



#50
Toluene-d8
Concen: 53.21 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

Tgt Ion: 98 Resp: 340221
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



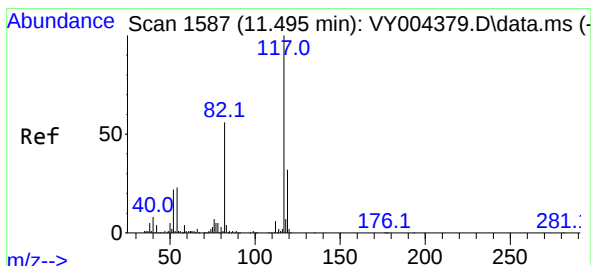
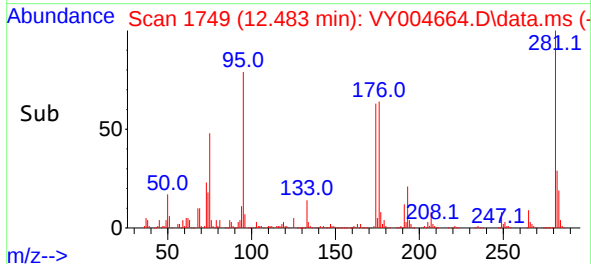
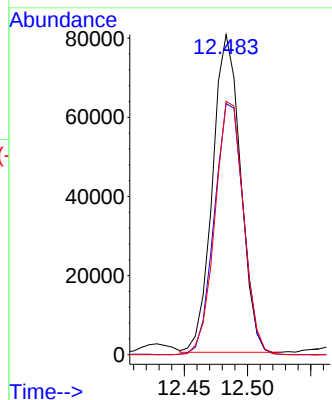
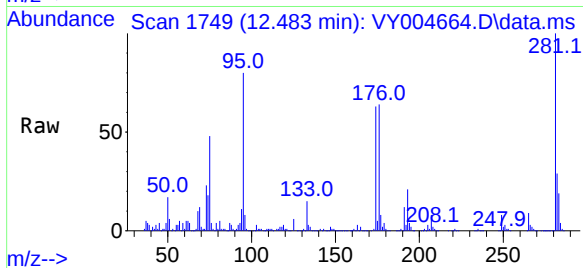


#62
4-Bromofluorobenzene
Concen: 56.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-B

Tgt Ion: 95 Resp: 123454

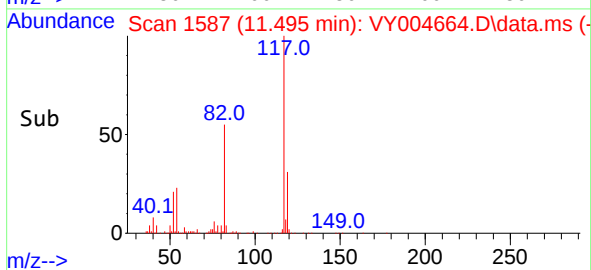
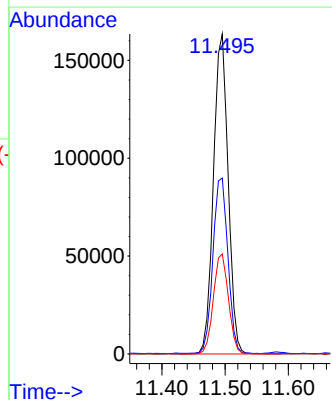
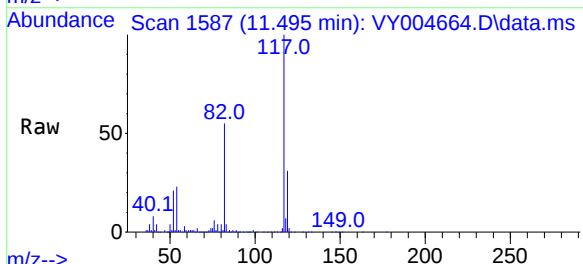
Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	162.4
176	81.4	0.0	156.0

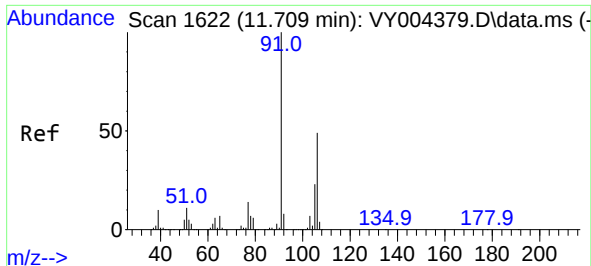


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

Tgt Ion: 117 Resp: 262503

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.9	67.3
119	31.2	25.4	38.0

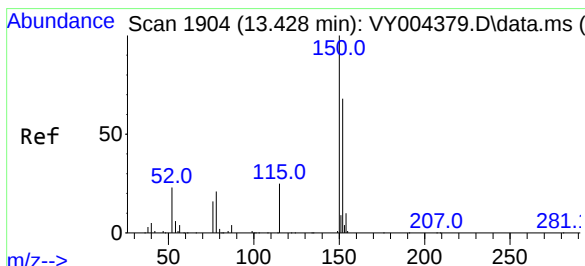
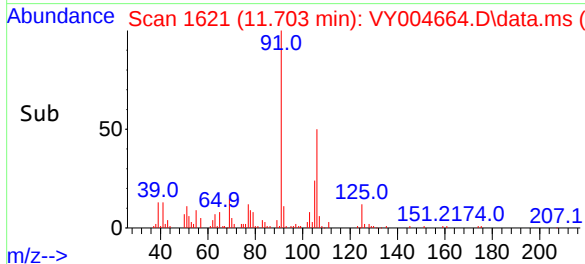
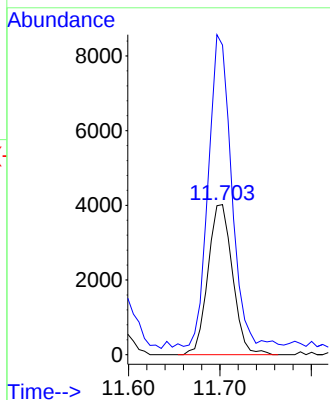
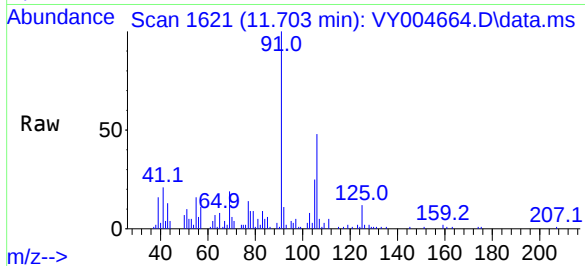




#68
m/p-Xylenes
Concen: 2.01 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

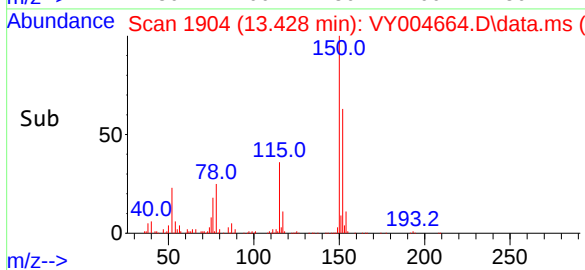
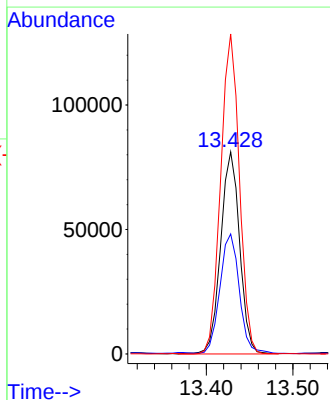
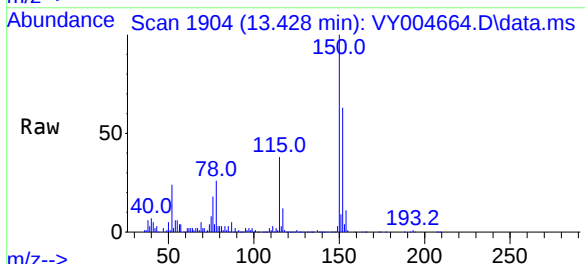
Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-B

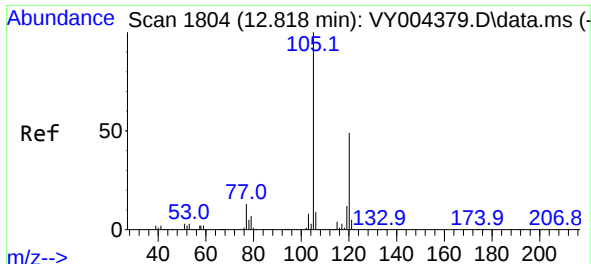
Tgt Ion:106 Resp: 7487
Ion Ratio Lower Upper
106 100
91 196.0 163.2 244.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

Tgt Ion:152 Resp: 123617
Ion Ratio Lower Upper
152 100
115 60.6 29.6 88.8
150 155.8 0.0 348.4

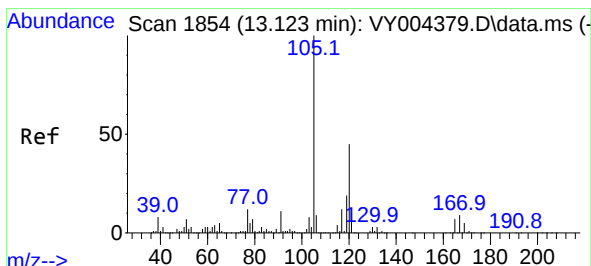
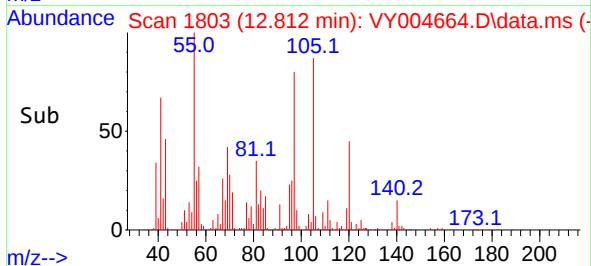
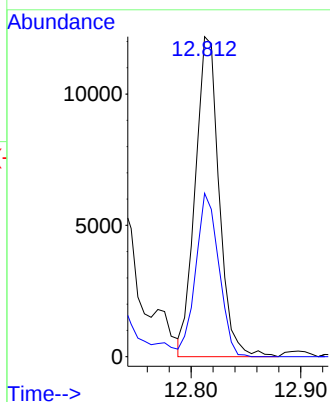
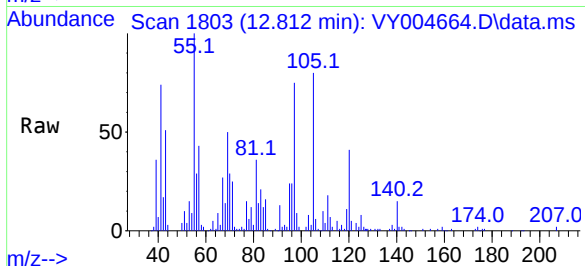




#80
1,3,5-Trimethylbenzene
Concen: 2.37 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

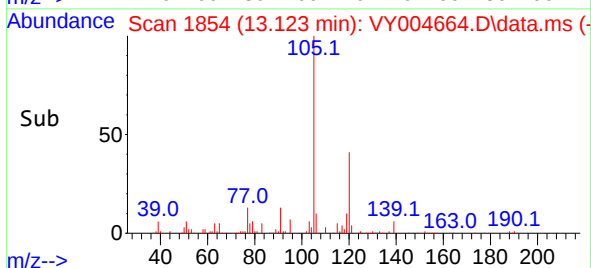
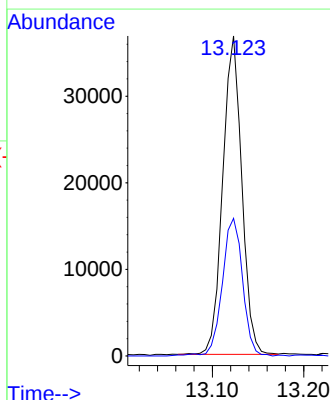
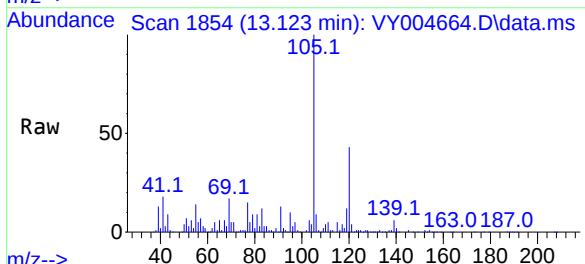
Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-B

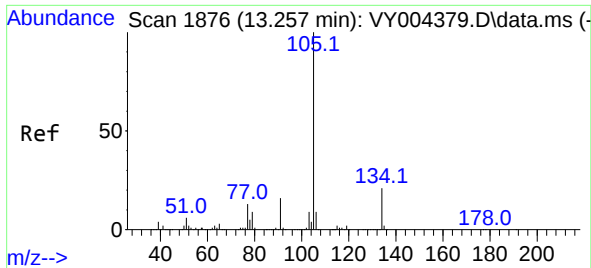
Tgt Ion:105 Resp: 18422
Ion Ratio Lower Upper
105 100
120 49.5 24.6 74.0



#84
1,2,4-Trimethylbenzene
Concen: 6.80 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

Tgt Ion:105 Resp: 53284
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.3





#85
sec-Butylbenzene
Concen: 1.21 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004664.D
Acq: 29 Apr 2021 17:12

Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-B

Tgt Ion:105 Resp: 11173
Ion Ratio Lower Upper
105 100
134 36.2 10.1 30.3#

