

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007733.D
 Acq On : 04 Mar 2022 03:41
 Operator : SY/MD
 Sample : N1730-12
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 23-24-SAMPLE-LOCATION-12

Quant Time: Mar 04 07:32:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

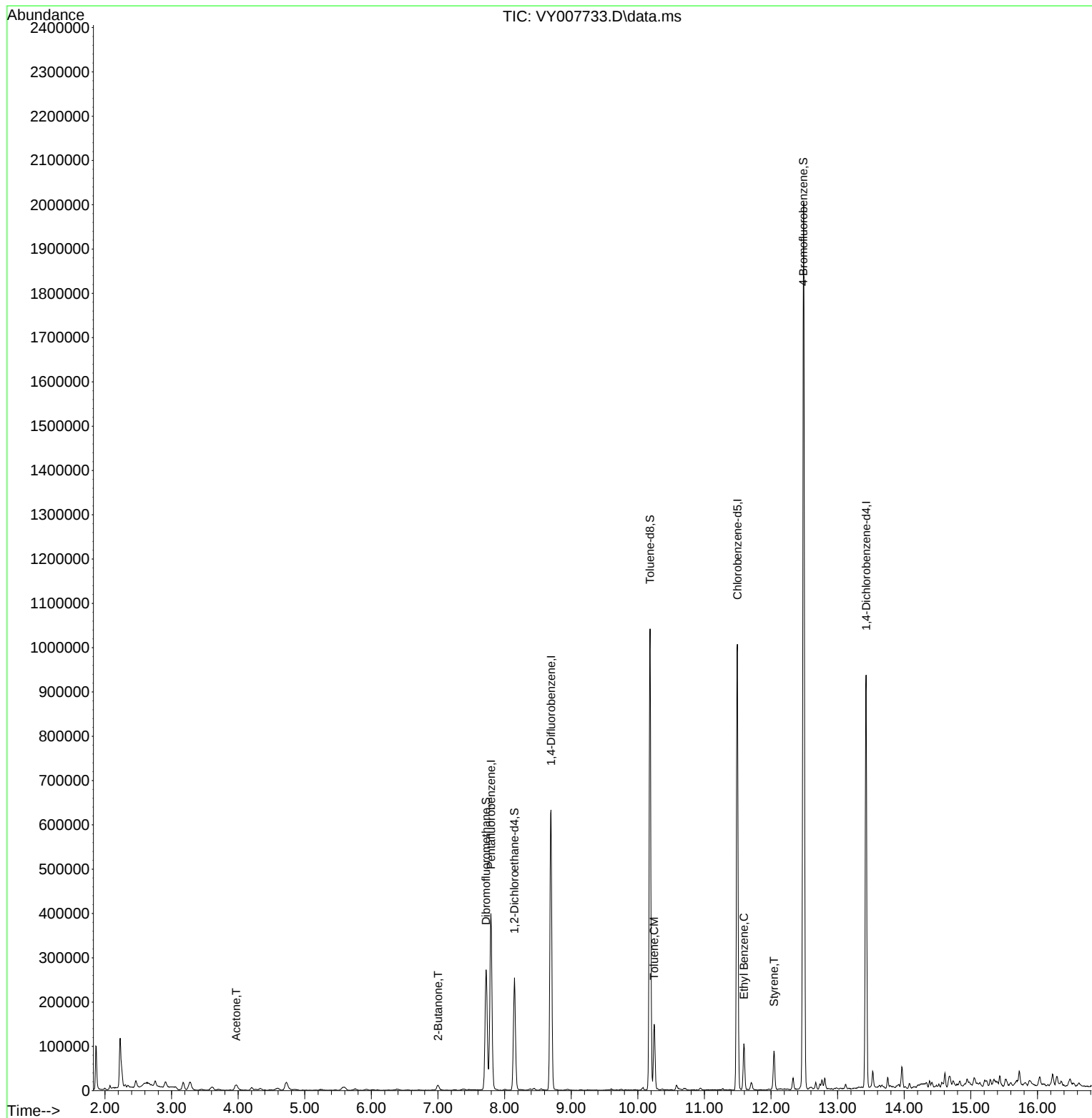
Internal Standards						
1) Pentafluorobenzene	7.795	168	316383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	558739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	553053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	241505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	182030	54.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.920%	
35) Dibromofluoromethane	7.722	113	186031	52.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.160%	
50) Toluene-d8	10.185	98	689038	52.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.800%	
62) 4-Bromofluorobenzene	12.483	95	231019	54.503	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.000%	
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	20751	30.797	ug/l	97
25) 2-Butanone	7.002	43	18219	16.118	ug/l	100
52) Toluene	10.246	92	61179	6.050	ug/l	98
67) Ethyl Benzene	11.593	91	67264	3.096	ug/l	95
70) Styrene	12.044	104	40889	3.091	ug/l #	87

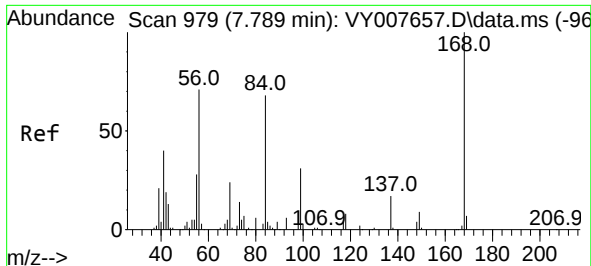
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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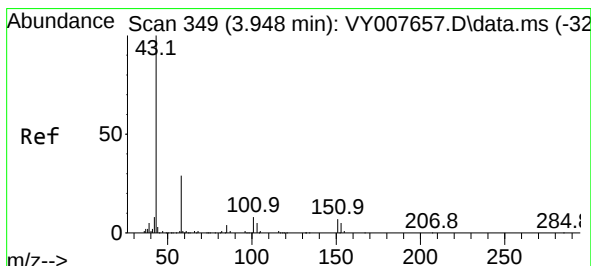
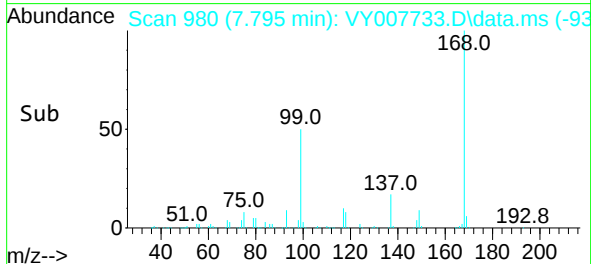
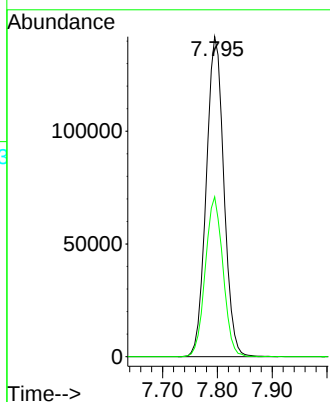
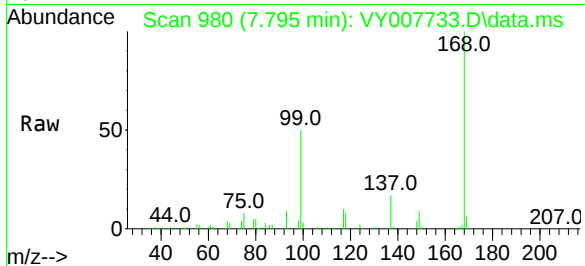




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007733.D
Acq: 04 Mar 2022 03:41

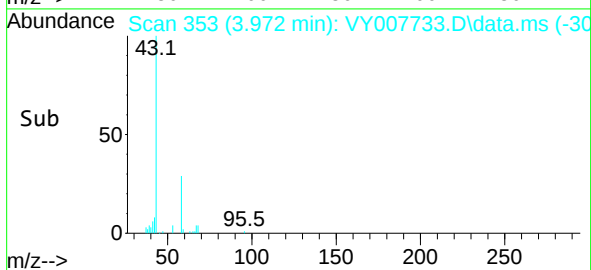
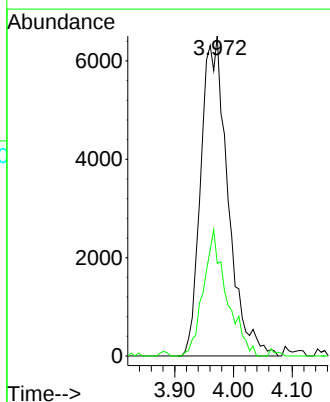
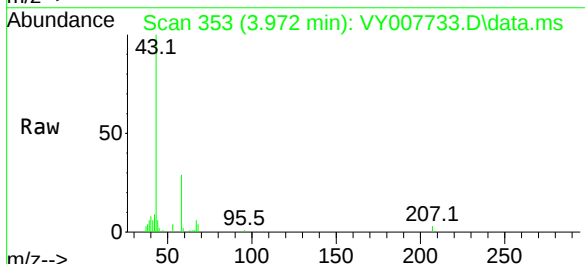
Instrument :
MSVOA_Y
ClientSampleId :
23-24-SAMPLE-LOCATION-12

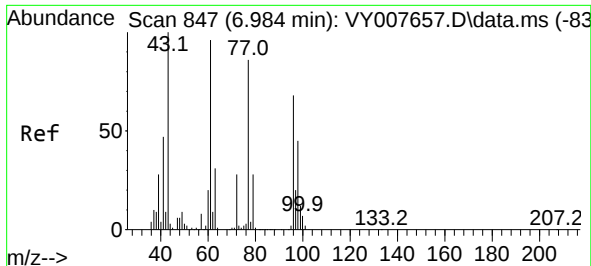
Tgt Ion:168 Resp: 316383
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#16
Acetone
Concen: 30.797 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.024 min
Lab File: VY007733.D
Acq: 04 Mar 2022 03:41

Tgt Ion: 43 Resp: 20751
Ion Ratio Lower Upper
43 100
58 29.0 22.0 33.0

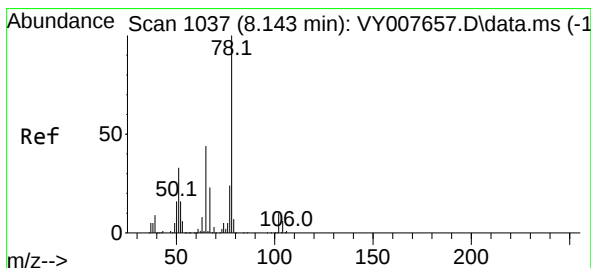
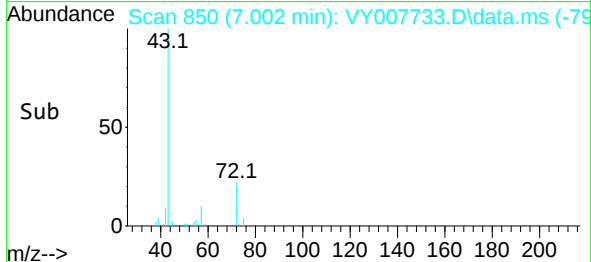
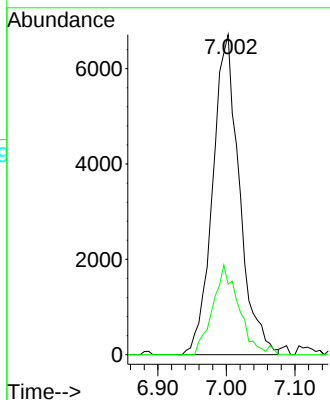
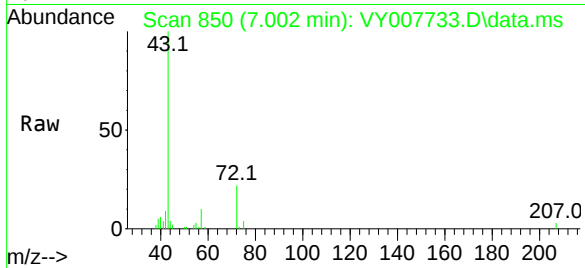




#25
2-Butanone
Concen: 16.118 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY007733.D
Acq: 04 Mar 2022 03:41

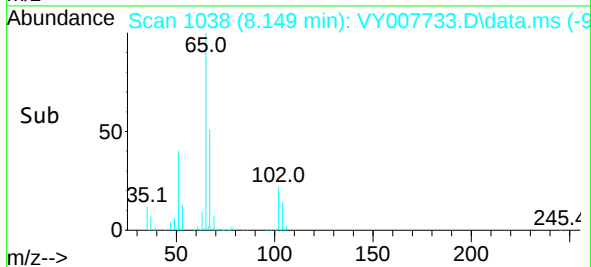
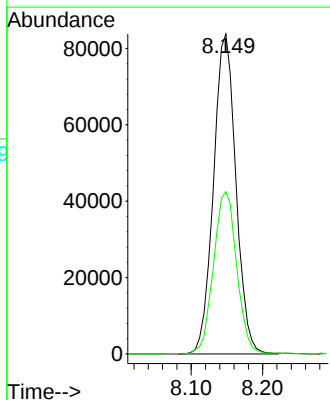
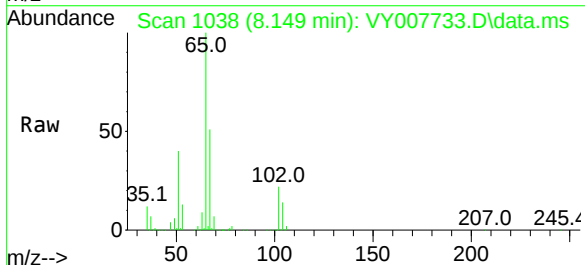
Instrument :
MSVOA_Y
ClientSampleId :
23-24-SAMPLE-LOCATION-12

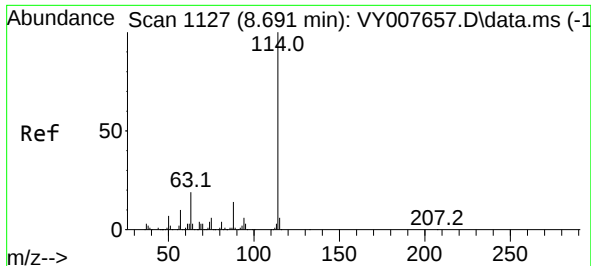
Tgt Ion: 43 Resp: 18219
Ion Ratio Lower Upper
43 100
72 22.0 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 54.957 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007733.D
Acq: 04 Mar 2022 03:41

Tgt Ion: 65 Resp: 182030
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY007733.D

Acq: 04 Mar 2022 03:41

Instrument :

MSVOA_Y

ClientSampleId :

23-24-SAMPLE-LOCATION-12

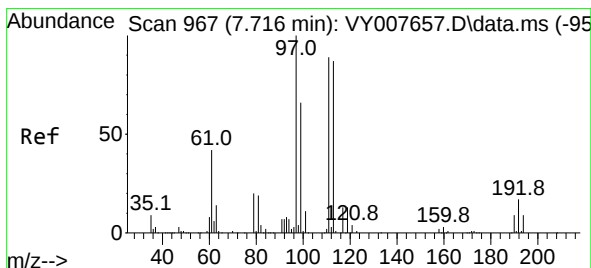
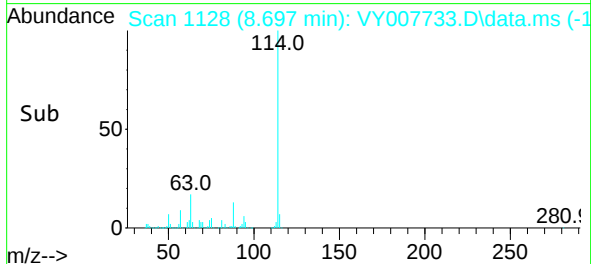
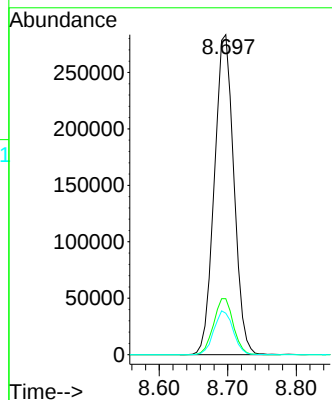
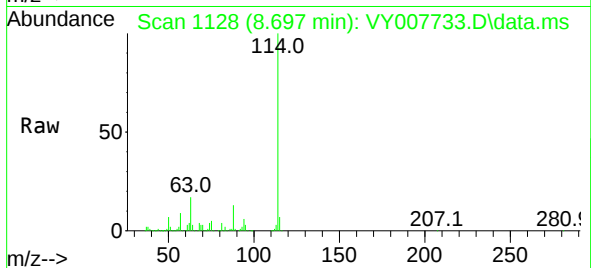
Tgt Ion:114 Resp: 558739

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.078 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007733.D

Acq: 04 Mar 2022 03:41

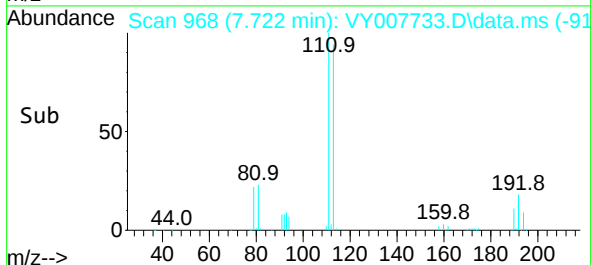
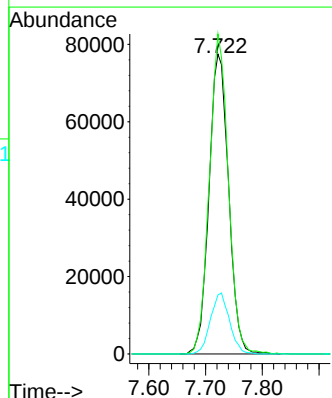
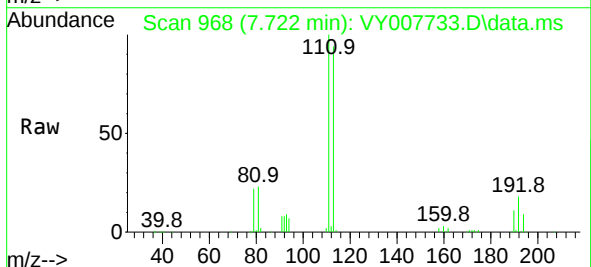
Tgt Ion:113 Resp: 186031

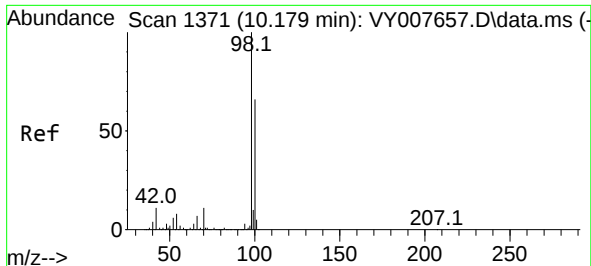
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.8 17.6 26.4

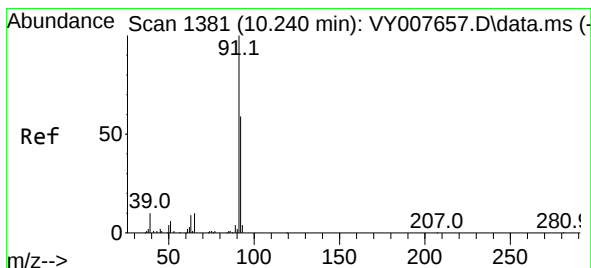
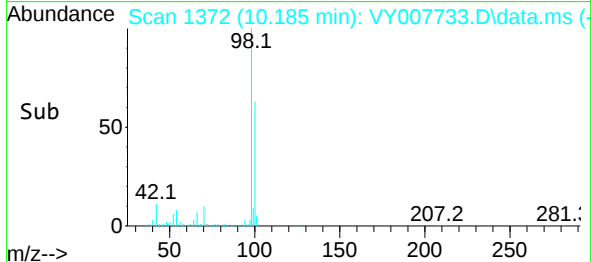
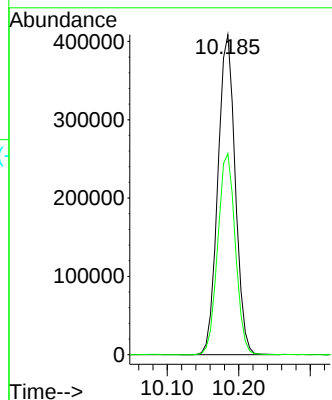
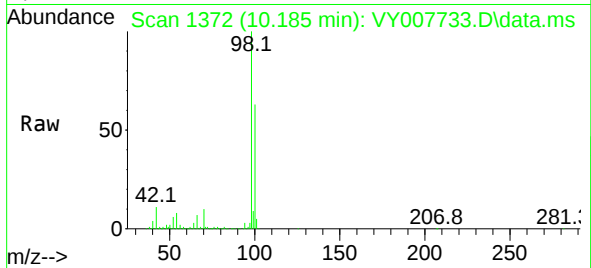




#50
Toluene-d8
Concen: 52.401 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007733.D
Acq: 04 Mar 2022 03:41

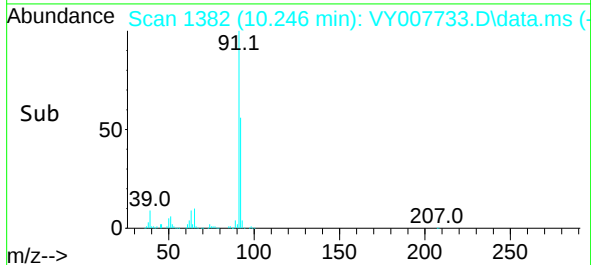
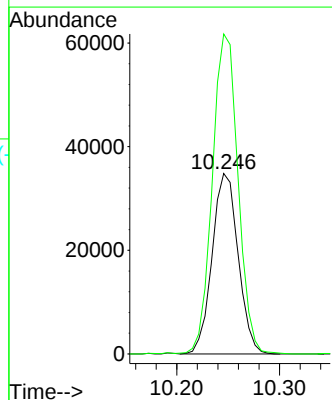
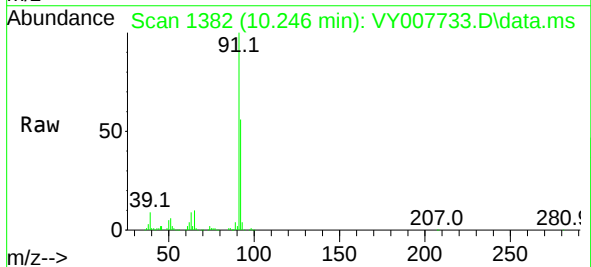
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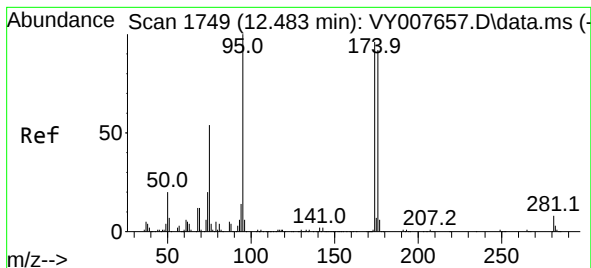
Tgt Ion: 98 Resp: 689038
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#52
Toluene
Concen: 6.050 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY007733.D
Acq: 04 Mar 2022 03:41

Tgt Ion: 92 Resp: 61179
Ion Ratio Lower Upper
92 100
91 175.0 142.6 213.8

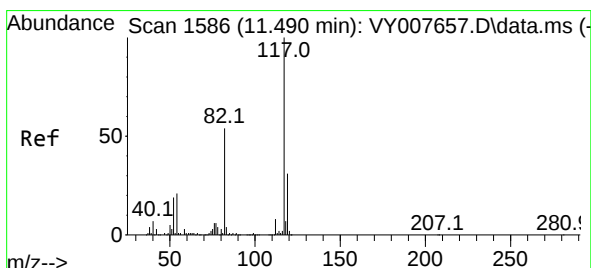
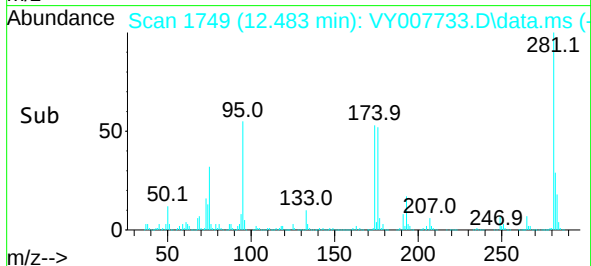
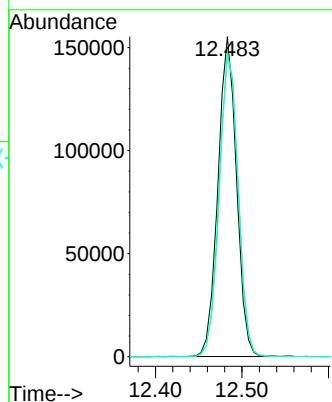
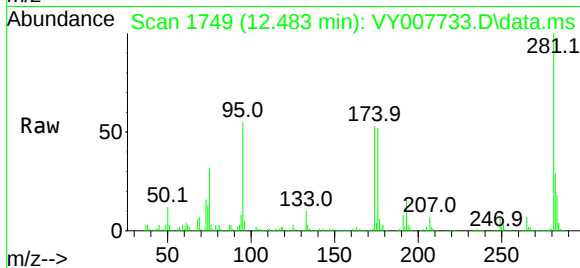




#62
4-Bromofluorobenzene
Concen: 54.503 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007733.D
Acq: 04 Mar 2022 03:41

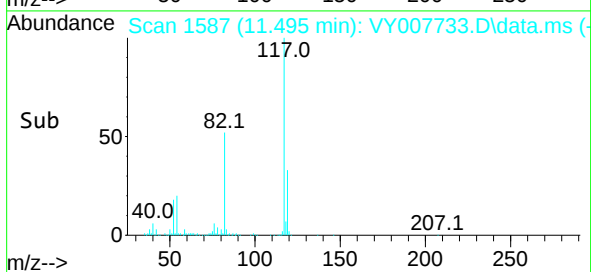
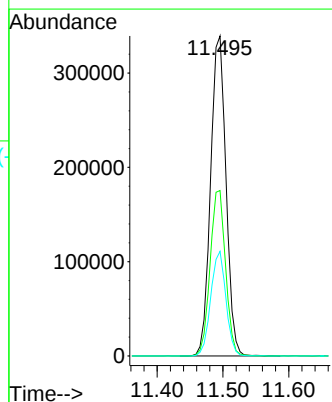
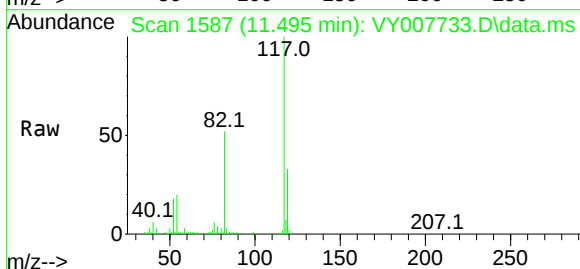
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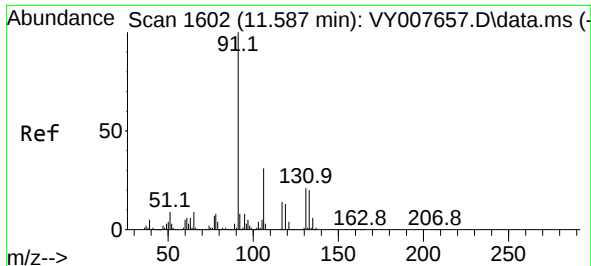
Tgt Ion: 95 Resp: 231019
Ion Ratio Lower Upper
95 100
174 97.5 0.0 177.0
176 96.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.005 min
Lab File: VY007733.D
Acq: 04 Mar 2022 03:41

Tgt Ion: 117 Resp: 553053
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.7 25.4 38.0





#67

Ethyl Benzene

Concen: 3.096 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY007733.D

Acq: 04 Mar 2022 03:41

Instrument :

MSVOA_Y

ClientSampleId :

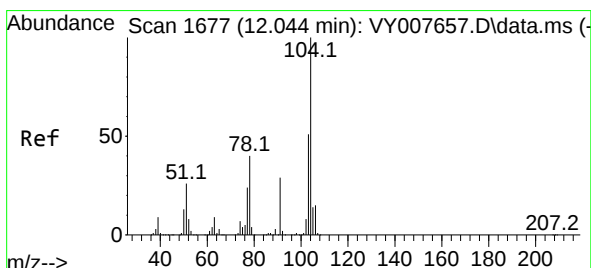
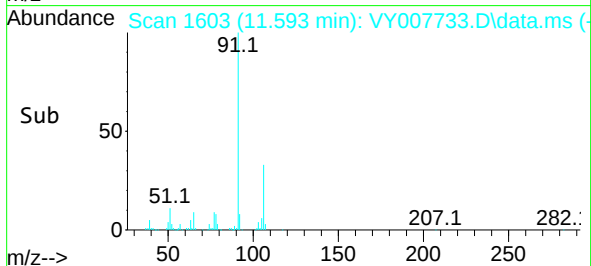
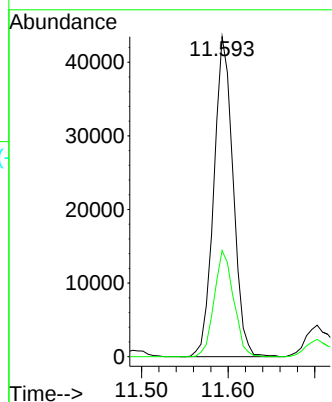
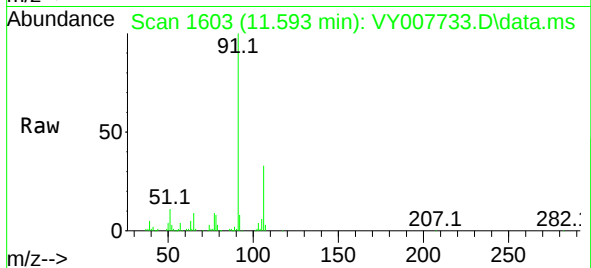
23-24-SAMPLE-LOCATION-12

Tgt Ion: 91 Resp: 67264

Ion Ratio Lower Upper

91 100

106 33.2 24.5 36.7



#70

Styrene

Concen: 3.091 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY007733.D

Acq: 04 Mar 2022 03:41

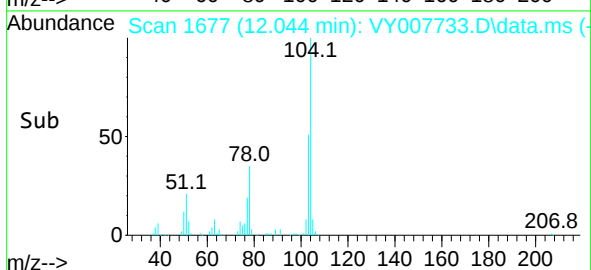
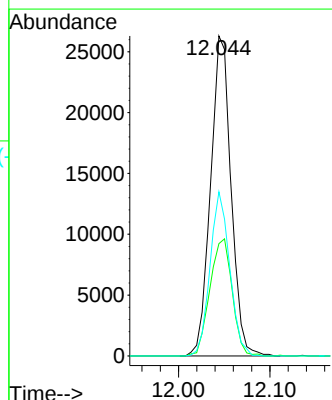
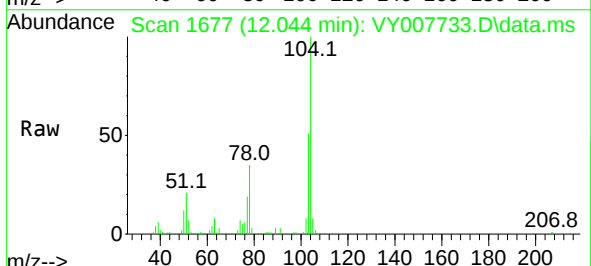
Tgt Ion: 104 Resp: 40889

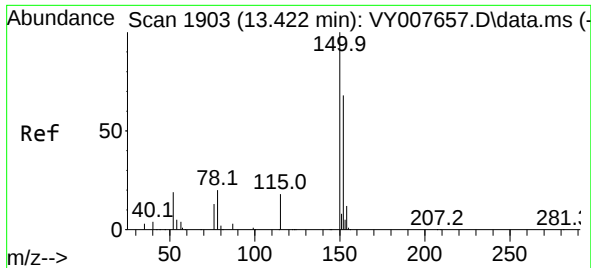
Ion Ratio Lower Upper

104 100

78 39.8 42.4 63.6#

103 49.3 44.4 66.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007733.D
 Acq: 04 Mar 2022 03:41

Instrument :
 MSVOA_Y
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Tgt Ion:152 Resp: 241505
 Ion Ratio Lower Upper
 152 100
 115 53.8 28.2 84.7
 150 158.2 0.0 347.6

