

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008268.D
 Acq On : 11 Apr 2022 13:18
 Operator : KP/MD
 Sample : N2328-01
 Misc : 4.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-1

Quant Time: Apr 12 06:57:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

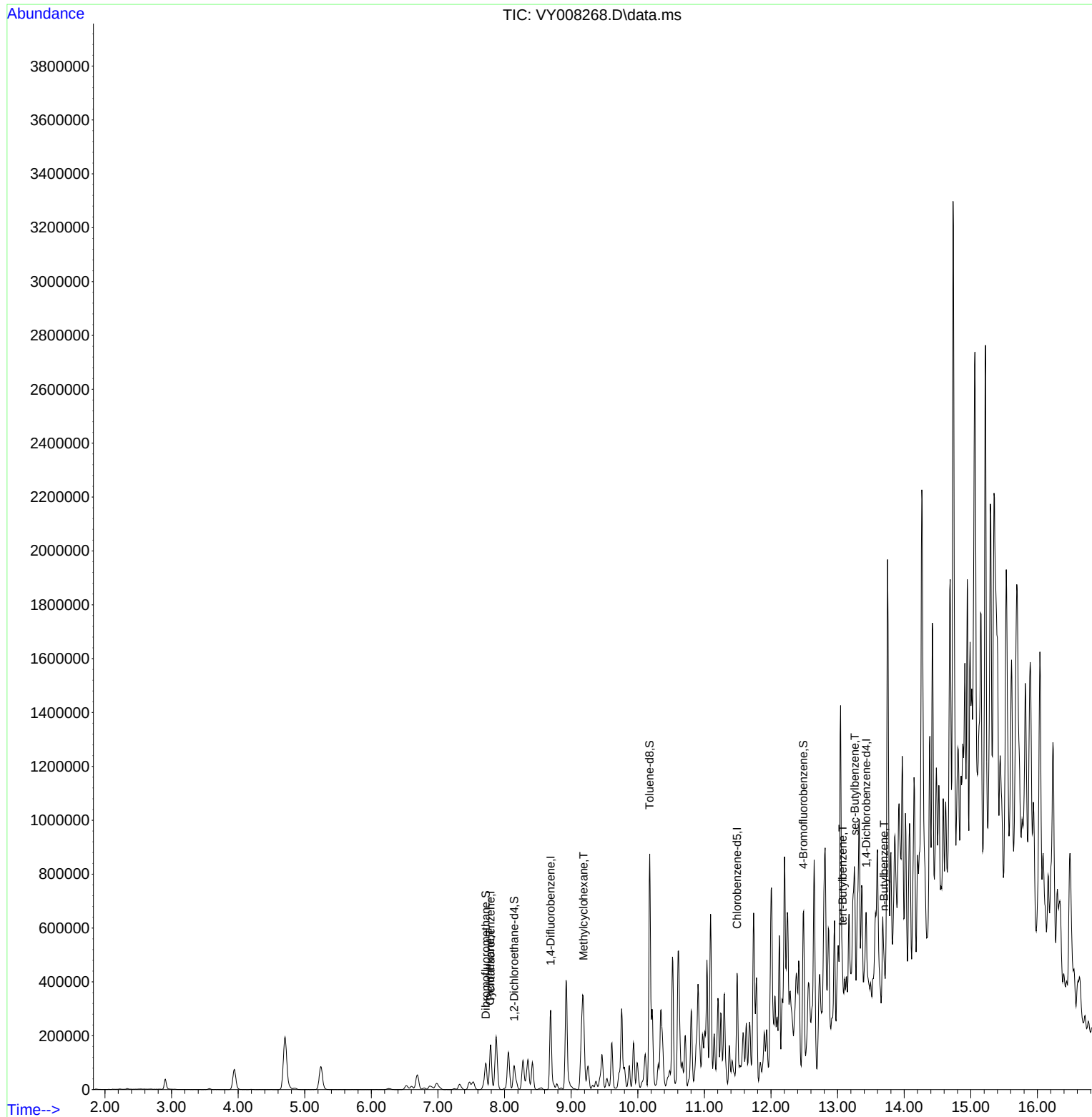
Internal Standards						
1) Pentafluorobenzene	7.789	168	121376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	226538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66022	57.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.820%	
35) Dibromofluoromethane	7.716	113	68326	54.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.340%	
50) Toluene-d8	10.179	98	307001	71.132	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 142.260%#	
62) 4-Bromofluorobenzene	12.483	95	120243	74.072	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 148.140%#	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.783	56	9269	4.496	ug/l #	56
39) Methylcyclohexane	9.185	83	83314	32.149	ug/l #	42
83) tert-Butylbenzene	13.075	119	43974	7.007	ug/l	96
85) sec-Butylbenzene	13.258	105	206971	22.244	ug/l #	50
89) n-Butylbenzene	13.697	91	65182	9.292	ug/l #	38

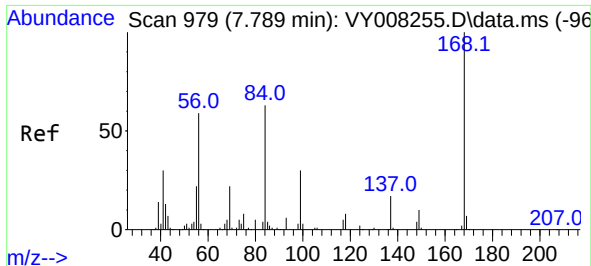
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008268.D
Acq On : 11 Apr 2022 13:18
Operator : KP/MD
Sample : N2328-01
Misc : 4.74g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-1

Quant Time: Apr 12 06:57:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

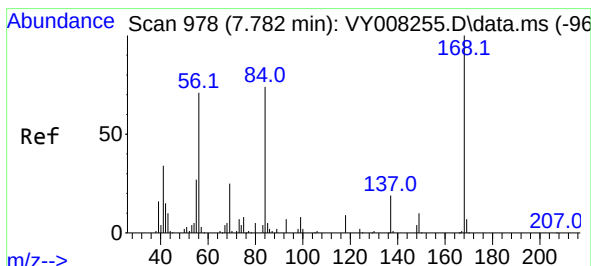
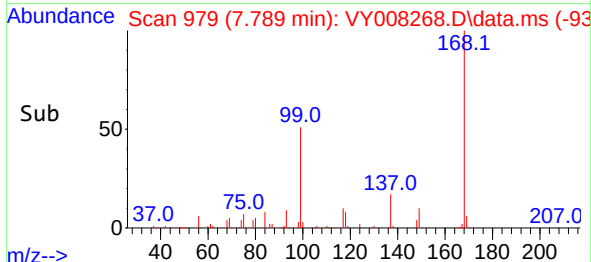
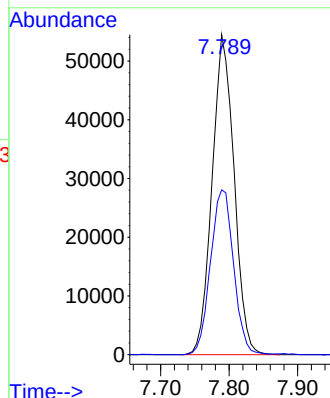
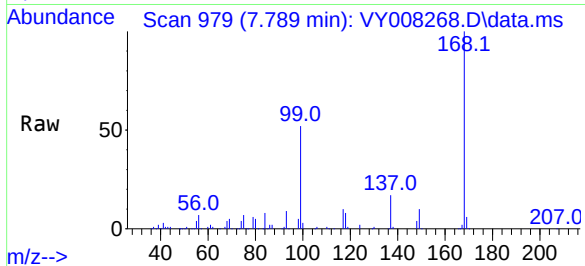




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008268.D
Acq: 11 Apr 2022 13:18

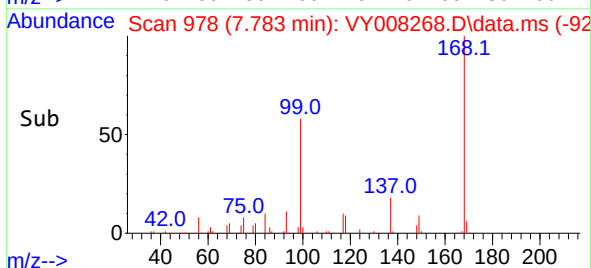
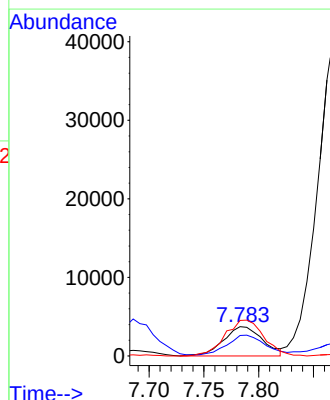
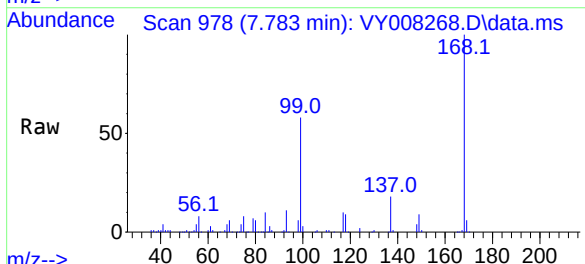
Instrument :
MSVOA_Y
ClientSampleId :
B-1

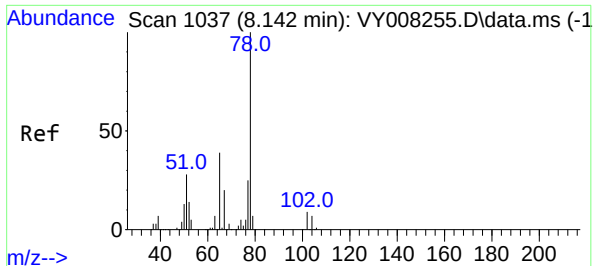
Tgt Ion:168 Resp: 121376
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#31
Cyclohexane
Concen: 4.496 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.001 min
Lab File: VY008268.D
Acq: 11 Apr 2022 13:18

Tgt Ion: 56 Resp: 9269
Ion Ratio Lower Upper
56 100
69 62.3 26.7 40.1#
84 121.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.908 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008268.D

Acq: 11 Apr 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

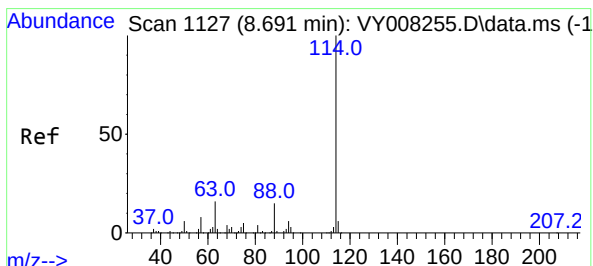
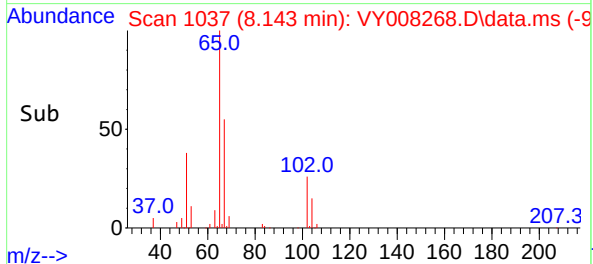
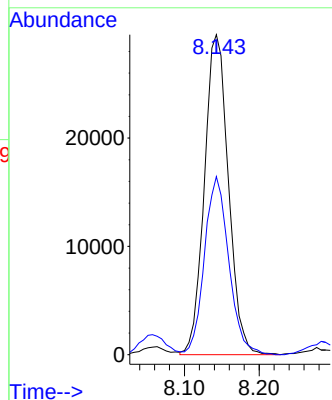
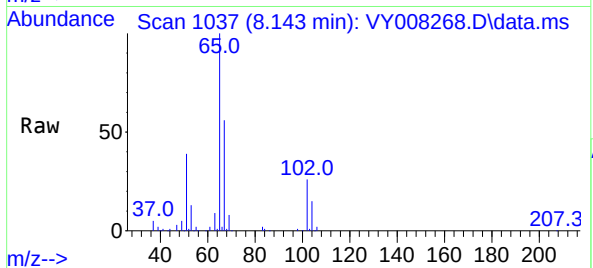
B-1

Tgt Ion: 65 Resp: 66022

Ion Ratio Lower Upper

65 100

67 56.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008268.D

Acq: 11 Apr 2022 13:18

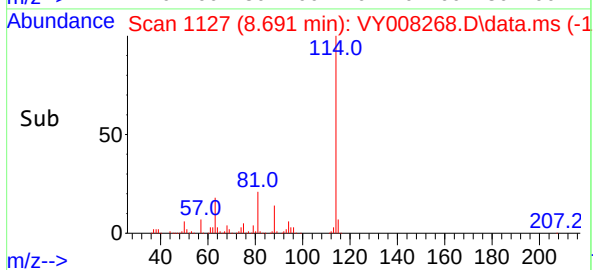
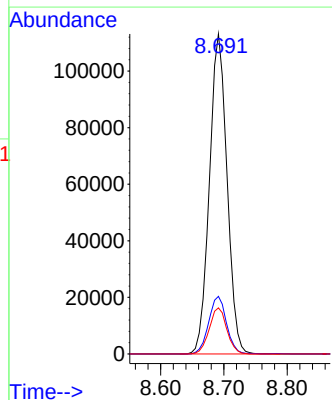
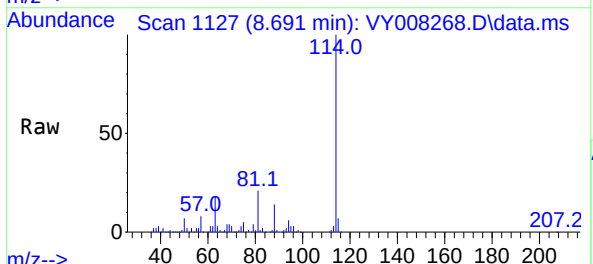
Tgt Ion: 114 Resp: 218377

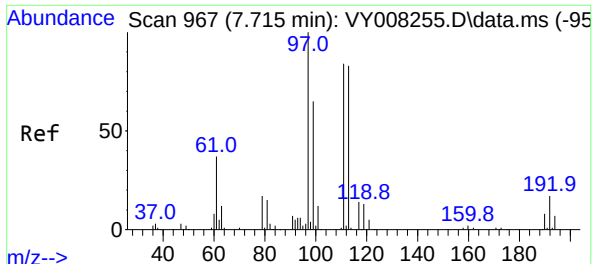
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.4 0.0 31.8

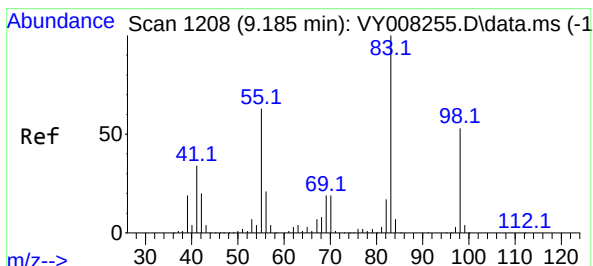
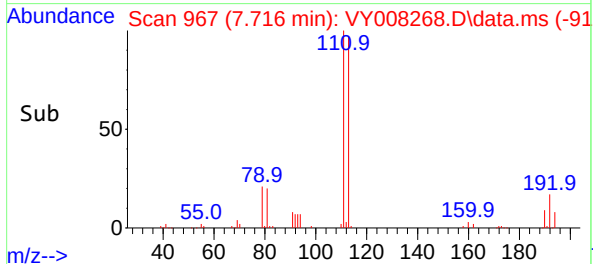
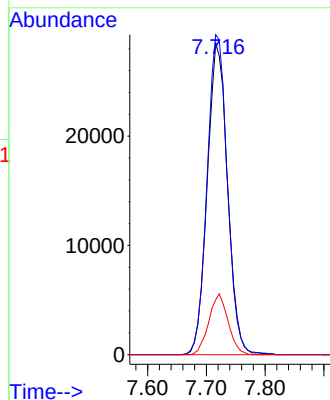
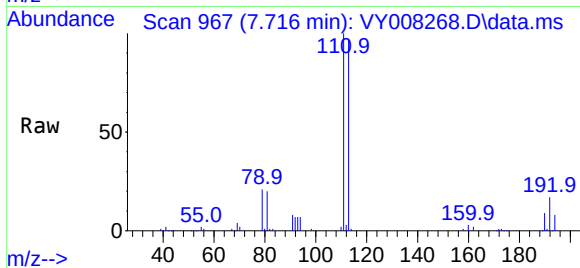




#35
Dibromofluoromethane
Concen: 54.171 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.001 min
Lab File: VY008268.D
Acq: 11 Apr 2022 13:18

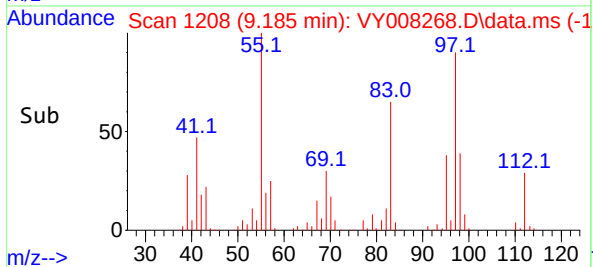
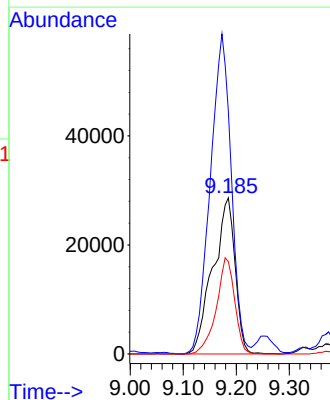
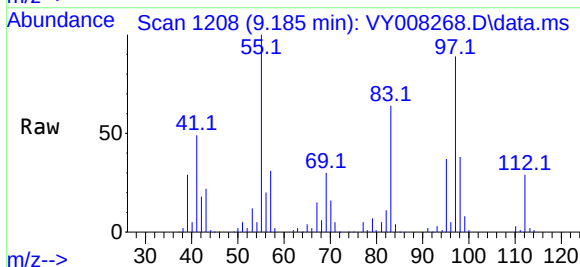
Instrument :
MSVOA_Y
ClientSampleId :
B-1

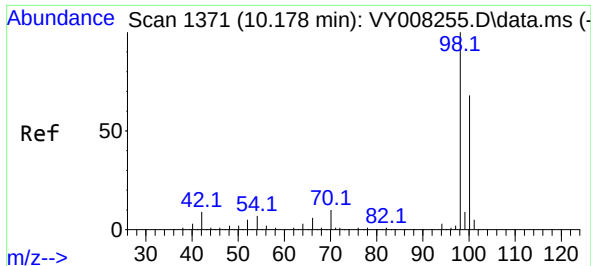
Tgt Ion:113 Resp: 68326
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.6 17.6 26.4



#39
Methylcyclohexane
Concen: 32.149 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY008268.D
Acq: 11 Apr 2022 13:18

Tgt Ion: 83 Resp: 83314
Ion Ratio Lower Upper
83 100
55 155.4 66.5 99.7#
98 59.2 37.9 56.9#

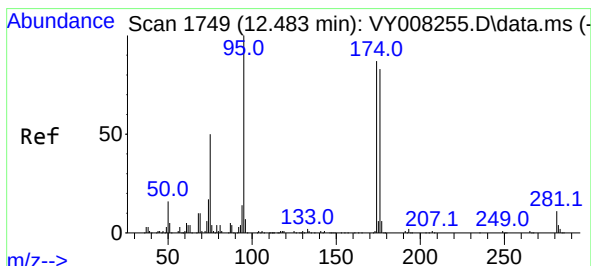
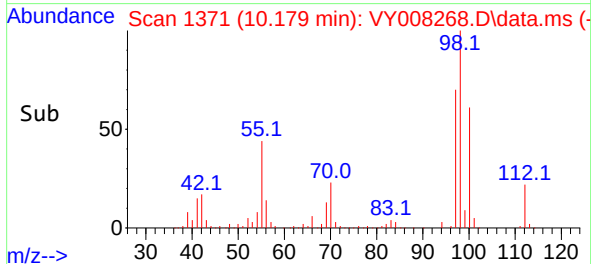
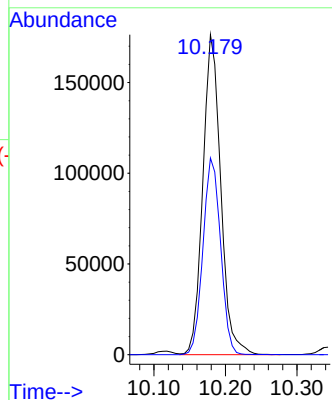
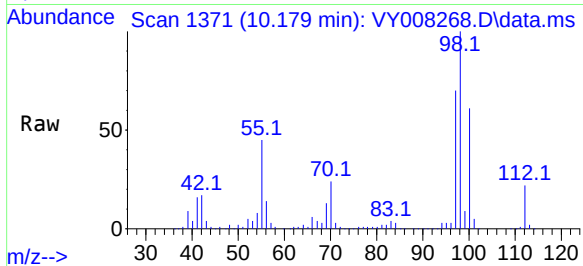




#50
Toluene-d8
Concen: 71.132 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008268.D
Acq: 11 Apr 2022 13:18

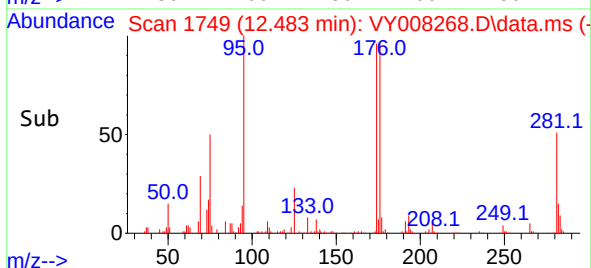
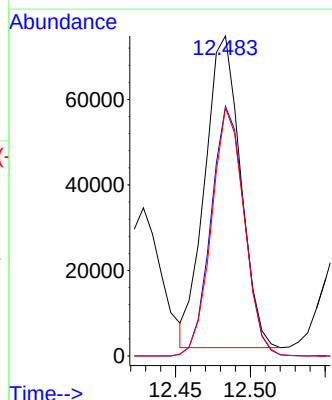
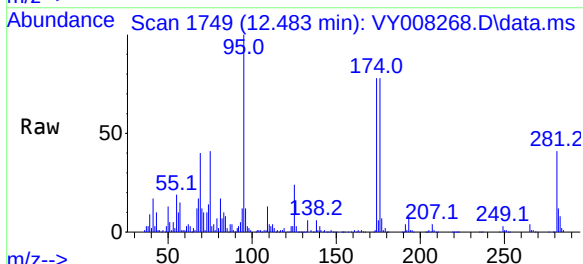
Instrument :
MSVOA_Y
ClientSampleId :
B-1

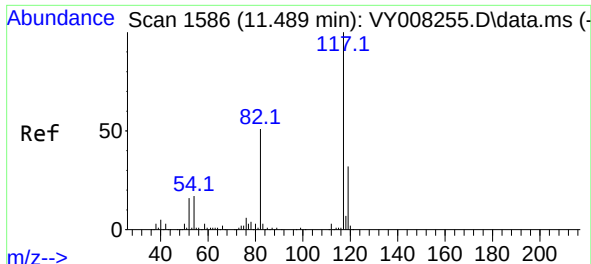
Tgt Ion: 98 Resp: 307001
Ion Ratio Lower Upper
98 100
100 60.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 74.072 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008268.D
Acq: 11 Apr 2022 13:18

Tgt Ion: 95 Resp: 120243
Ion Ratio Lower Upper
95 100
174 75.3 0.0 177.0
176 73.2 0.0 175.8

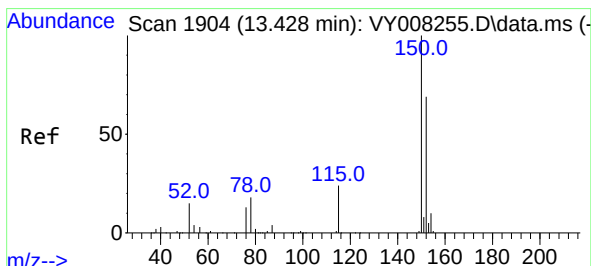
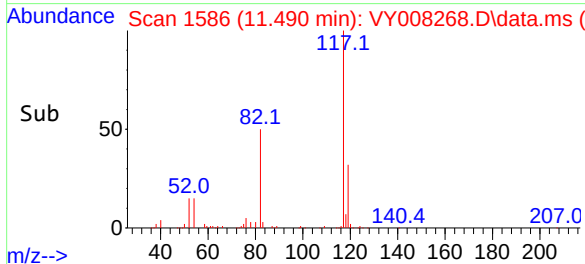
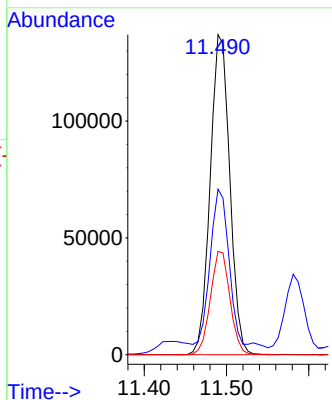
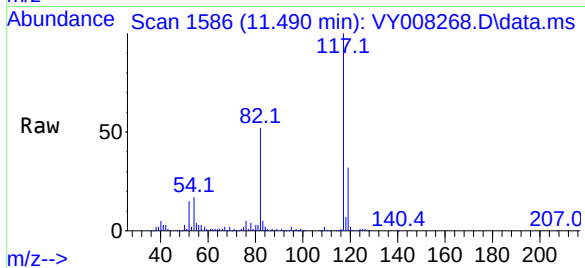




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008268.D
Acq: 11 Apr 2022 13:18

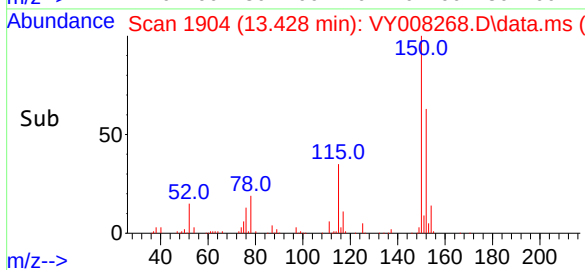
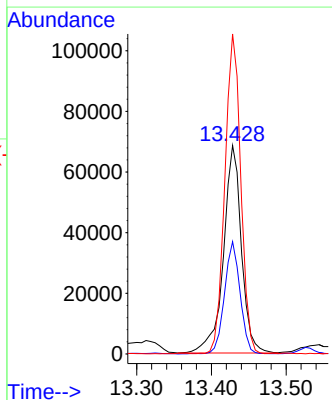
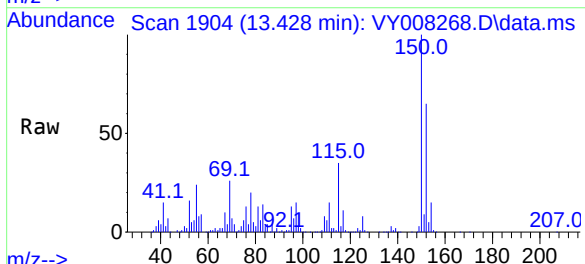
Instrument :
MSVOA_Y
ClientSampleId :
B-1

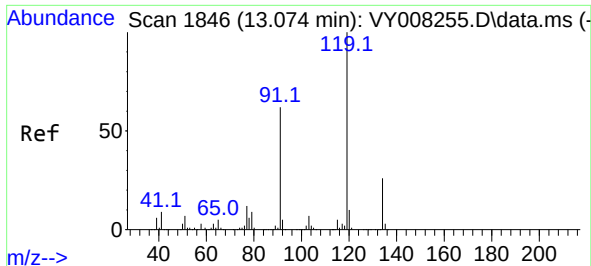
Tgt Ion:117 Resp: 226538
Ion Ratio Lower Upper
117 100
82 47.7 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008268.D
Acq: 11 Apr 2022 13:18

Tgt Ion:152 Resp: 114751
Ion Ratio Lower Upper
152 100
115 47.1 28.2 84.7
150 136.3 0.0 347.6

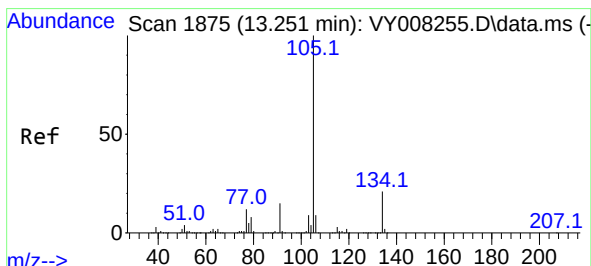
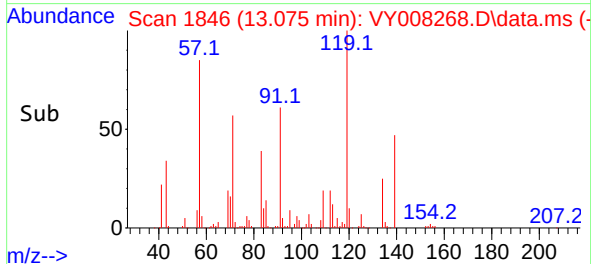
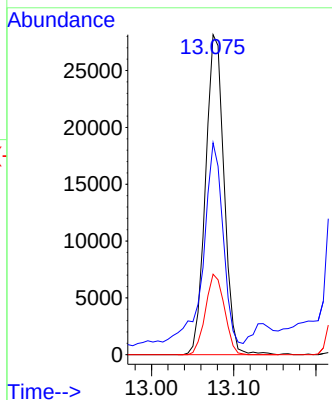
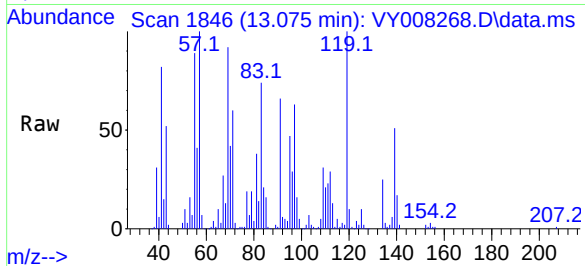




#83
tert-Butylbenzene
Concen: 7.007 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY008268.D
Acq: 11 Apr 2022 13:18

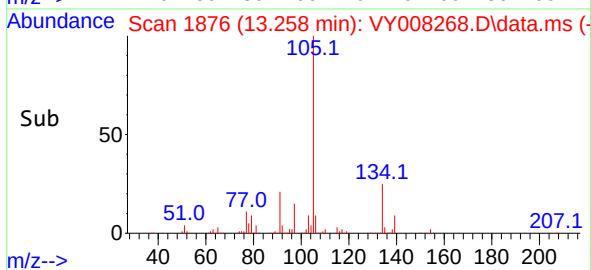
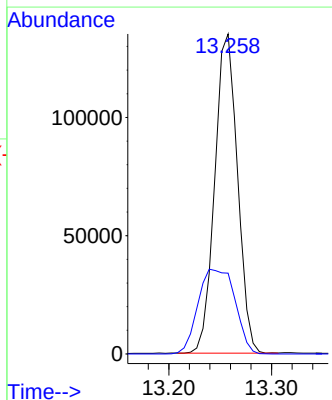
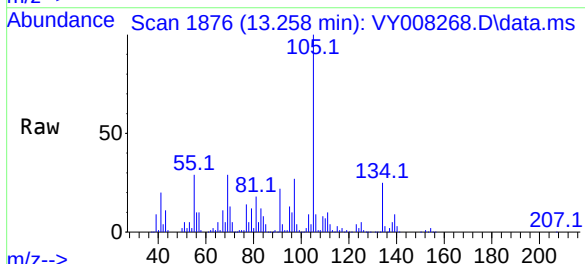
Instrument :
MSVOA_Y
ClientSampleId :
B-1

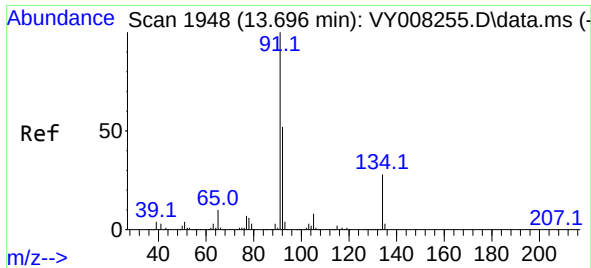
Tgt Ion:119 Resp: 43974
Ion Ratio Lower Upper
119 100
91 65.6 34.8 104.4
134 25.9 13.3 39.9



#85
sec-Butylbenzene
Concen: 22.244 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.007 min
Lab File: VY008268.D
Acq: 11 Apr 2022 13:18

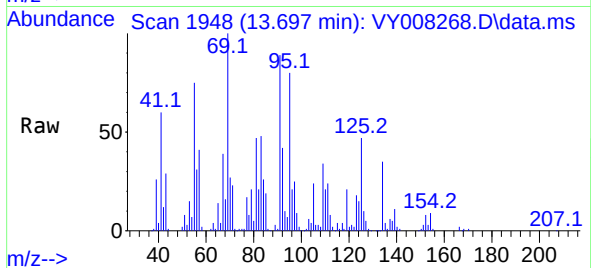
Tgt Ion:105 Resp: 206971
Ion Ratio Lower Upper
105 100
134 43.2 10.2 30.4#





#89
 n-Butylbenzene
 Concen: 9.292 ug/l
 RT: 13.697 min Scan# 1948
 Delta R.T. 0.001 min
 Lab File: VY008268.D
 Acq: 11 Apr 2022 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-1



Tgt Ion: 91 Resp: 65182

Ion	Ratio	Lower	Upper
91	100		
92	37.1	26.3	78.9
134	98.2	13.0	38.9#

