

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008087.D
 Acq On : 29 Mar 2022 15:15
 Operator : SY/MD
 Sample : N2155-08
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-H

Quant Time: Mar 30 04:00:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

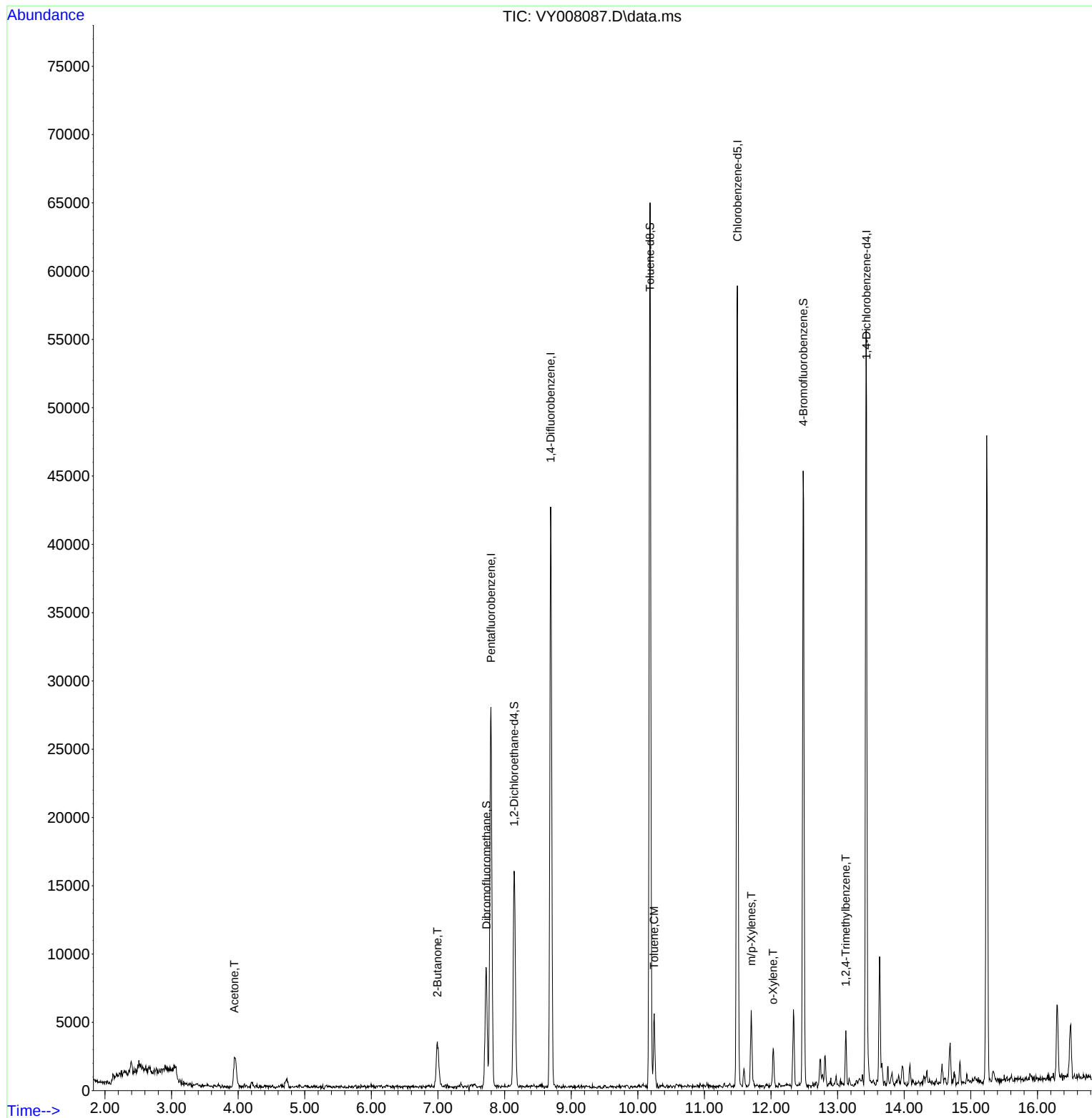
Internal Standards						
1) Pentafluorobenzene	7.795	168	21625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	38333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	34108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	14168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12473	57.489	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.980%	
35) Dibromofluoromethane	7.728	113	6105	25.402	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 50.800%#	
50) Toluene-d8	10.185	98	44593	49.248	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.500%	
62) 4-Bromofluorobenzene	12.483	95	14425	45.155	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.320%	
Target Compounds						Qvalue
16) Acetone	3.942	43	4176	84.208	ug/l	96
25) 2-Butanone	6.990	43	5875	77.848	ug/l #	83
52) Toluene	10.246	92	2343	3.308	ug/l	96
68) m/p-Xylenes	11.703	106	1559	2.909	ug/l	99
69) o-Xylene	12.032	106	718	1.399	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	2374	2.545	ug/l	99

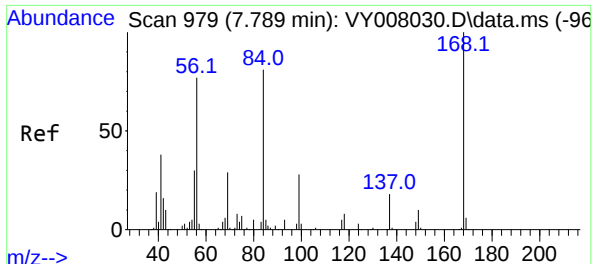
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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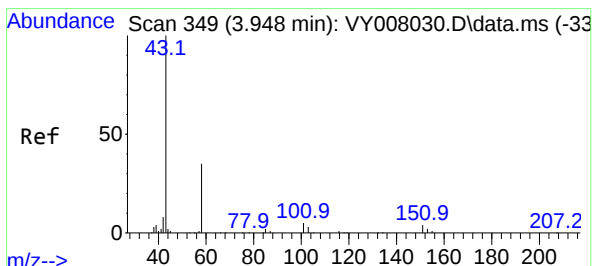
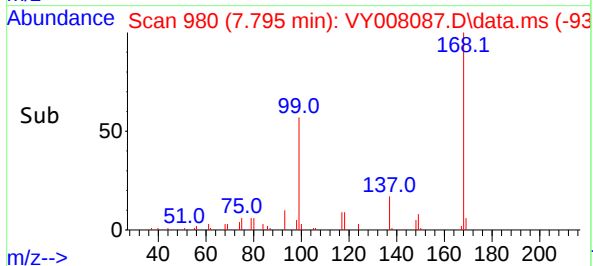
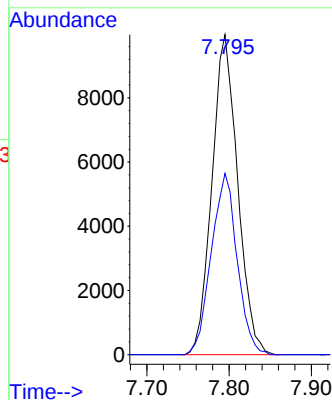
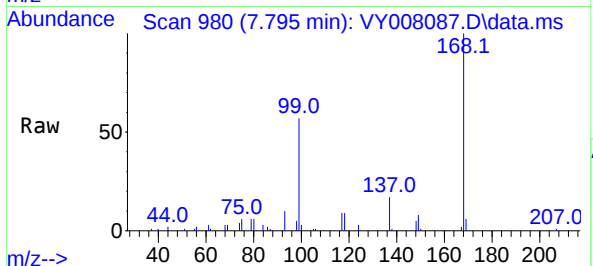




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008087.D
Acq: 29 Mar 2022 15:15

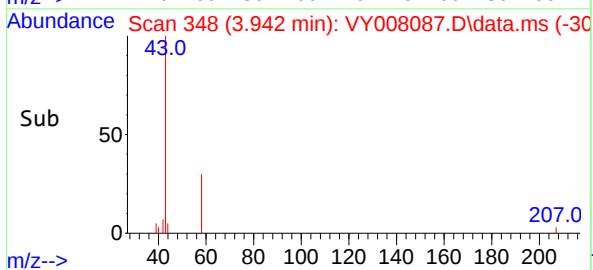
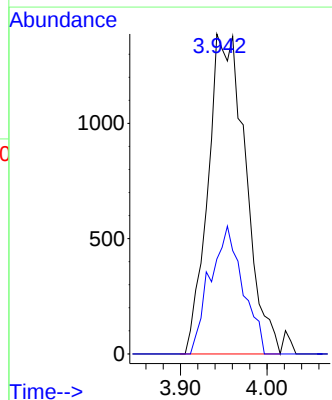
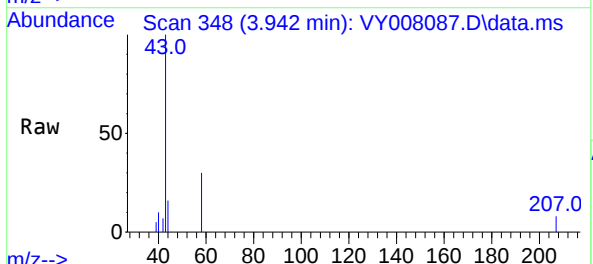
Instrument :
MSVOA_Y
ClientSampleId :
22L076-H

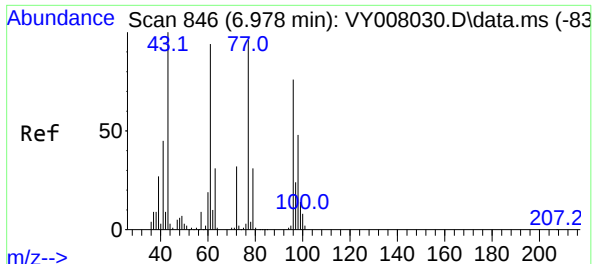
Tgt Ion:168 Resp: 21625
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#16
Acetone
Concen: 84.208 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008087.D
Acq: 29 Mar 2022 15:15

Tgt Ion: 43 Resp: 4176
Ion Ratio Lower Upper
43 100
58 29.6 22.0 33.0





#25

2-Butanone

Concen: 77.848 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY008087.D

Acq: 29 Mar 2022 15:15

Instrument :

MSVOA_Y

ClientSampleId :

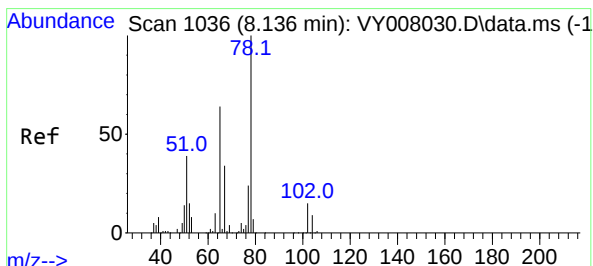
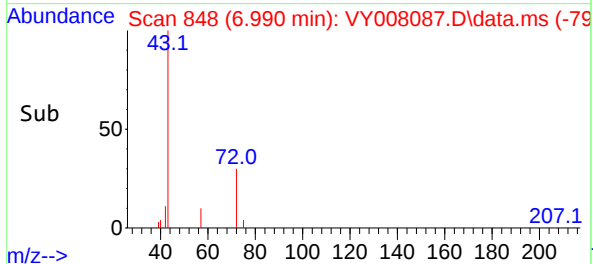
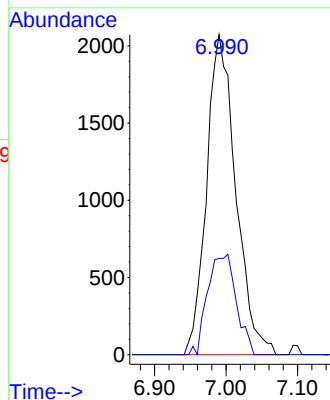
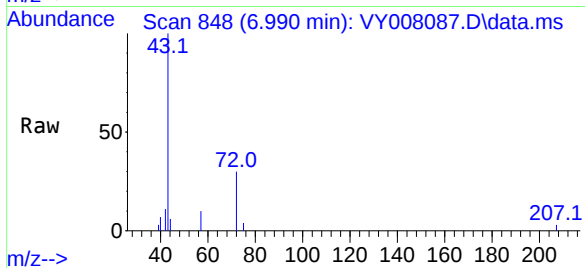
22L076-H

Tgt Ion: 43 Resp: 5875

Ion Ratio Lower Upper

43 100

72 30.1 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 57.489 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY008087.D

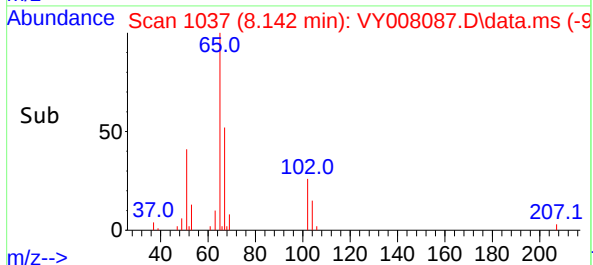
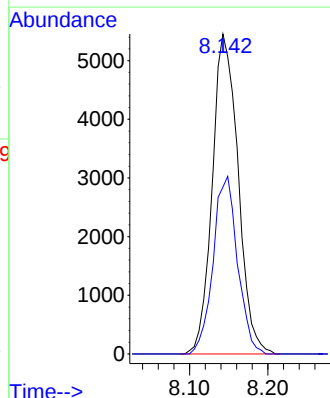
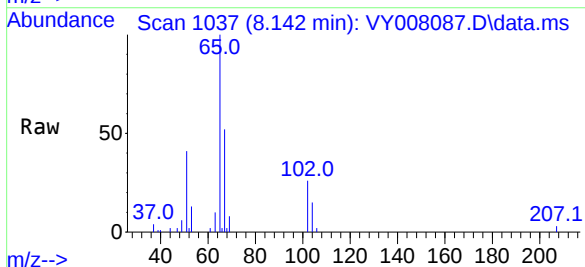
Acq: 29 Mar 2022 15:15

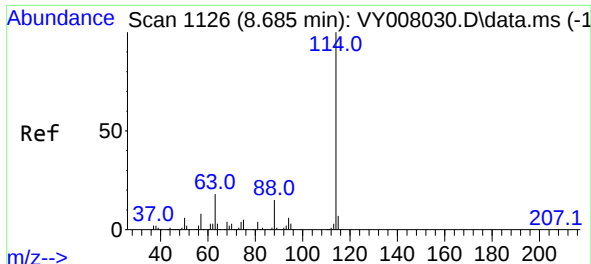
Tgt Ion: 65 Resp: 12473

Ion Ratio Lower Upper

65 100

67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008087.D

Acq: 29 Mar 2022 15:15

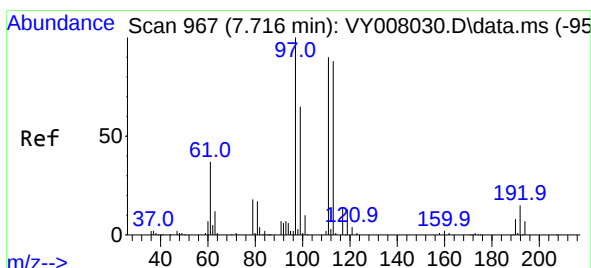
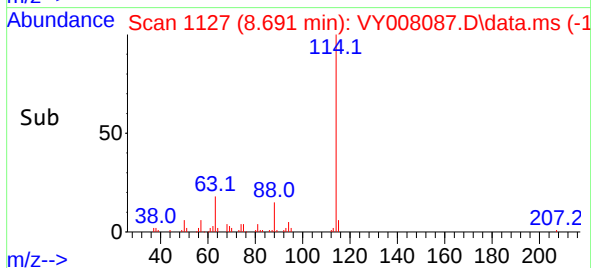
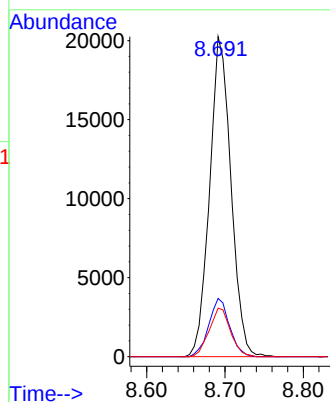
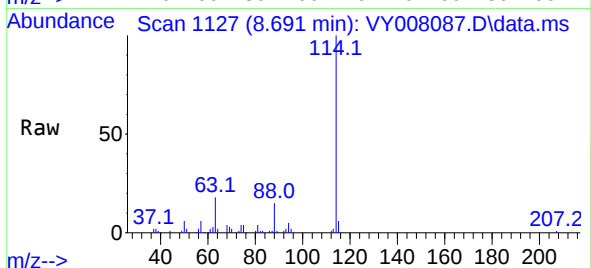
Instrument :

MSVOA_Y

ClientSampleId :

22L076-H

Tgt Ion:	114	Resp:	38333
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	43.2
88	15.2	0.0	31.8



#35

Dibromofluoromethane

Concen: 25.402 ug/l

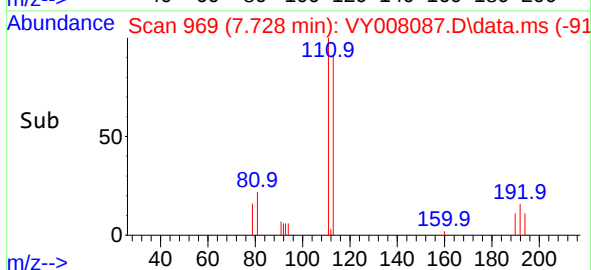
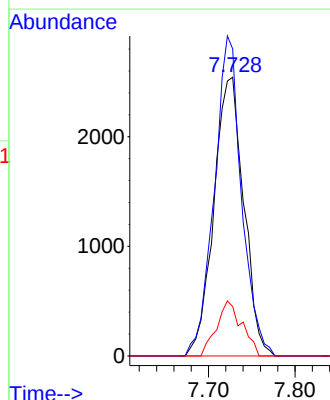
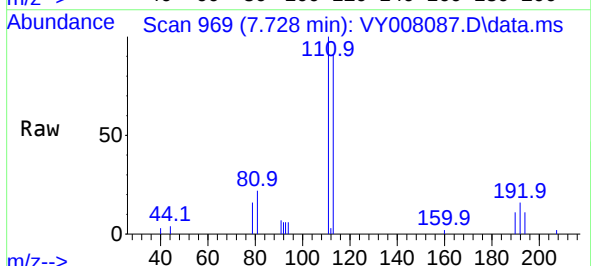
RT: 7.728 min Scan# 969

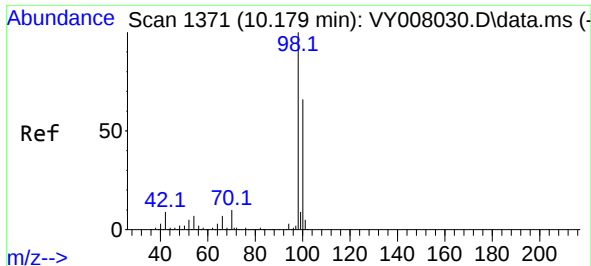
Delta R.T. 0.012 min

Lab File: VY008087.D

Acq: 29 Mar 2022 15:15

Tgt Ion:	113	Resp:	6105
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.6	124.0
192	16.7	17.6	26.4

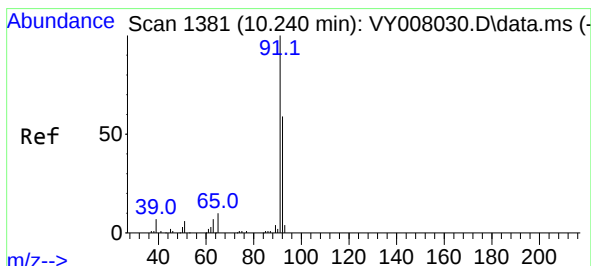
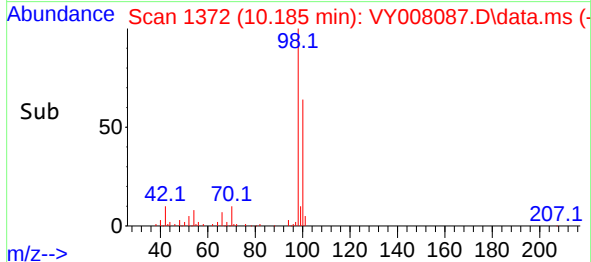
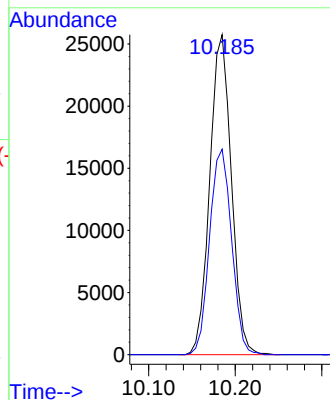
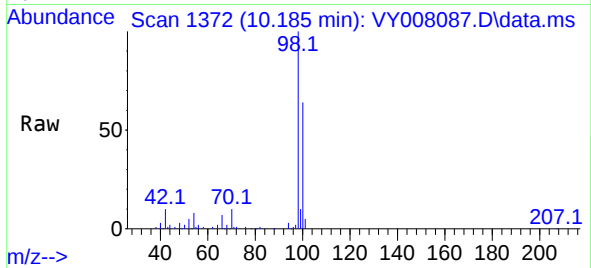




#50
Toluene-d8
Concen: 49.248 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008087.D
Acq: 29 Mar 2022 15:15

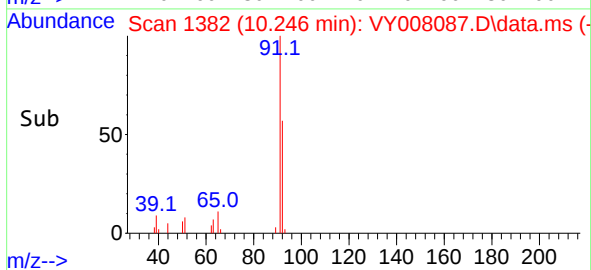
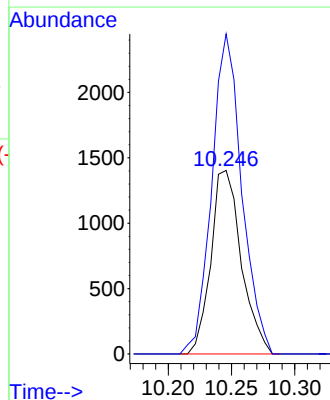
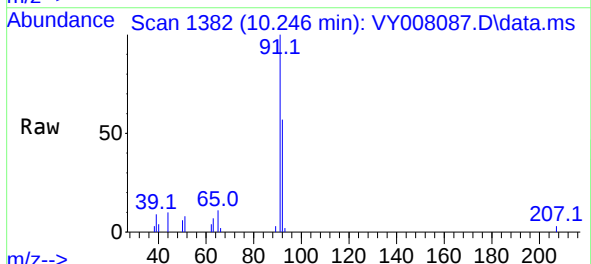
Instrument :
MSVOA_Y
ClientSampleId :
22L076-H

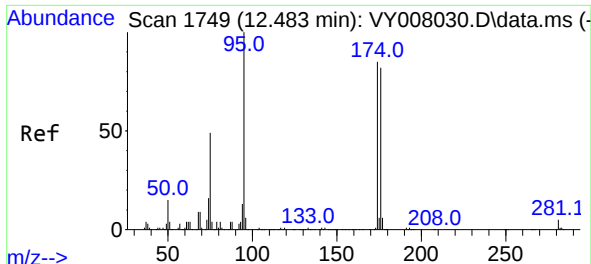
Tgt Ion: 98 Resp: 44593
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#52
Toluene
Concen: 3.308 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008087.D
Acq: 29 Mar 2022 15:15

Tgt Ion: 92 Resp: 2343
Ion Ratio Lower Upper
92 100
91 172.5 142.6 213.8

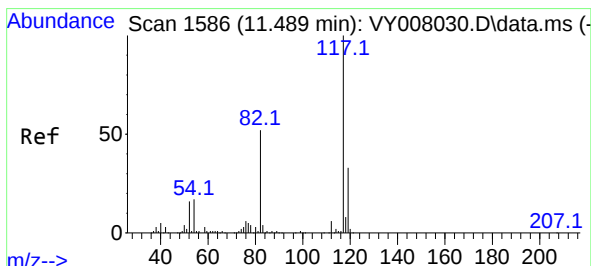
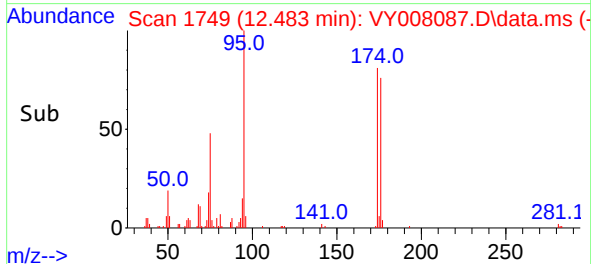
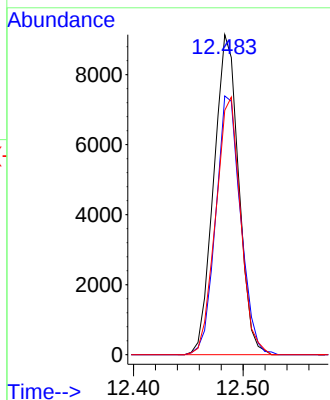
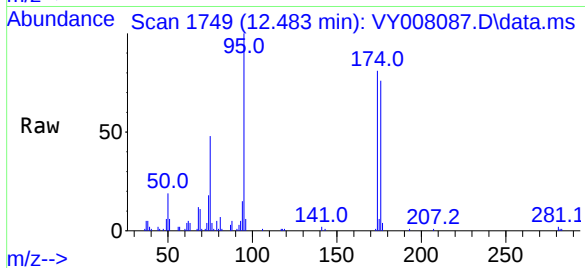




#62
4-Bromofluorobenzene
Concen: 45.155 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008087.D
Acq: 29 Mar 2022 15:15

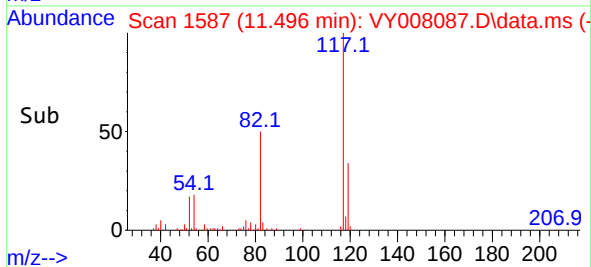
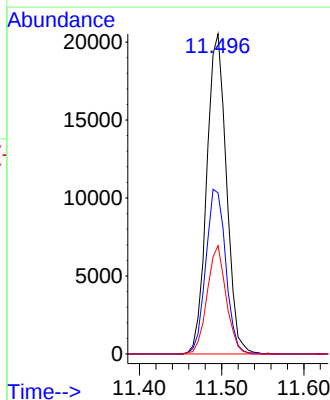
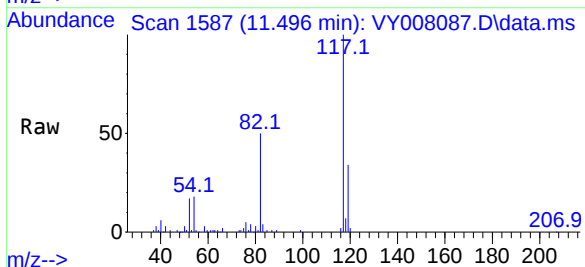
Instrument :
MSVOA_Y
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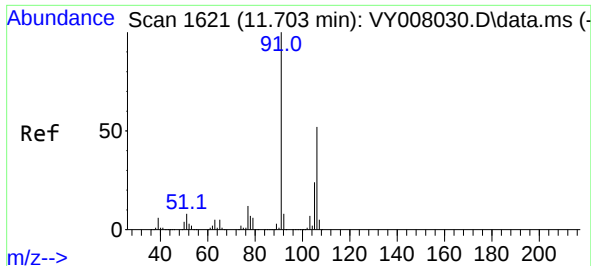
Tgt Ion: 95 Resp: 14425
Ion Ratio Lower Upper
95 100
174 80.7 0.0 177.0
176 80.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008087.D
Acq: 29 Mar 2022 15:15

Tgt Ion: 117 Resp: 34108
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 33.8 25.4 38.0

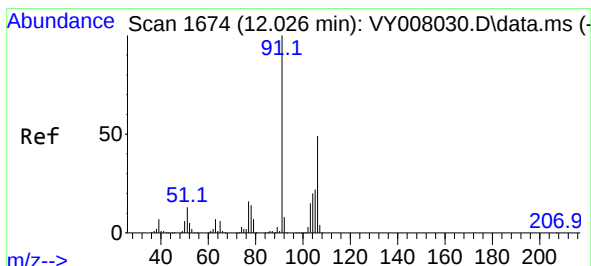
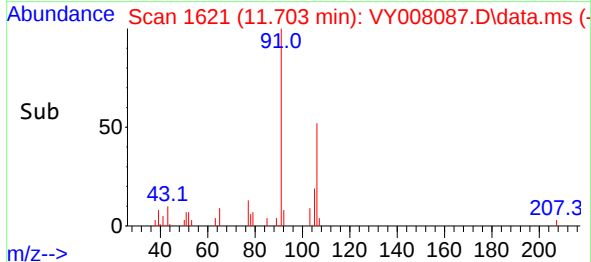
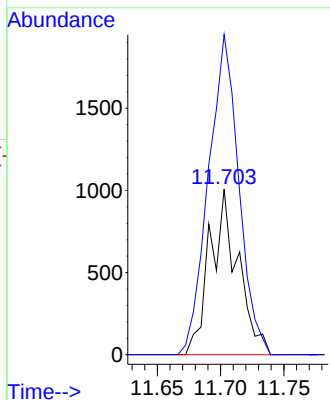
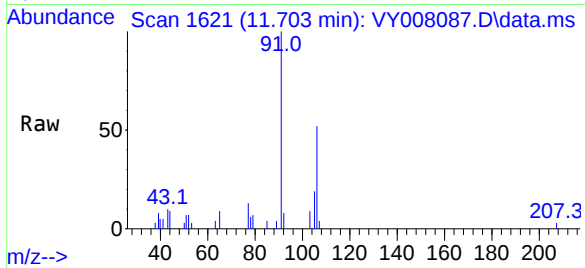




#68
m/p-Xylenes
Concen: 2.909 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008087.D
Acq: 29 Mar 2022 15:15

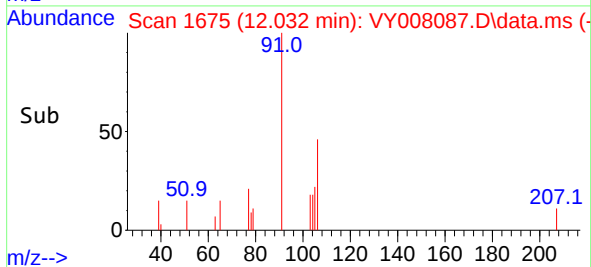
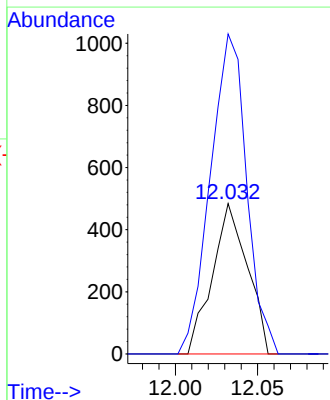
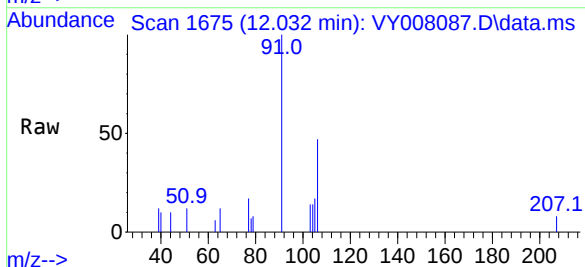
Instrument :
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22L076-H

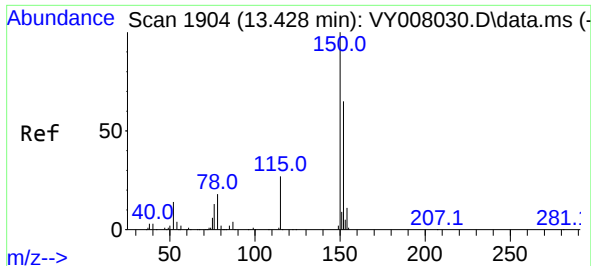
Tgt Ion:106 Resp: 1559
Ion Ratio Lower Upper
106 100
91 209.0 166.6 249.8



#69
o-Xylene
Concen: 1.399 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008087.D
Acq: 29 Mar 2022 15:15

Tgt Ion:106 Resp: 718
Ion Ratio Lower Upper
106 100
91 219.9 110.3 331.0

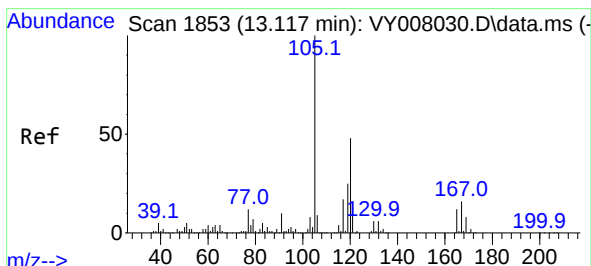
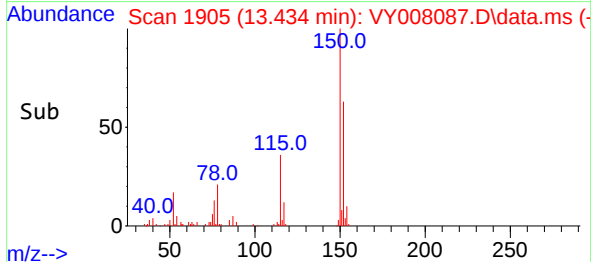
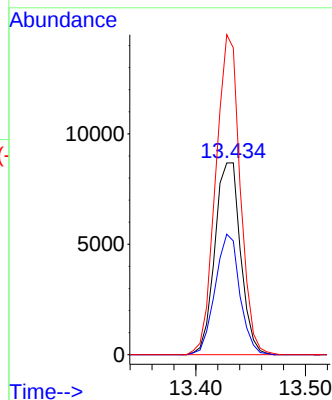
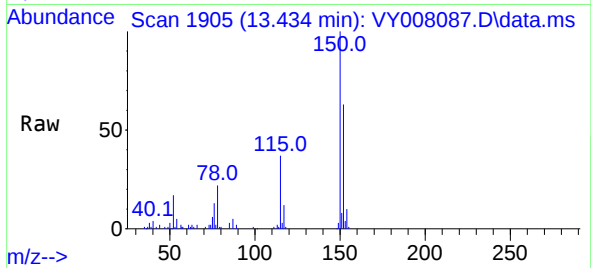




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY008087.D
Acq: 29 Mar 2022 15:15

Instrument :
MSVOA_Y
ClientSampleId :
22L076-H

Tgt Ion:152 Resp: 14168
Ion Ratio Lower Upper
152 100
115 60.2 28.2 84.7
150 158.3 0.0 347.6



#84
1,2,4-Trimethylbenzene
Concen: 2.545 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008087.D
Acq: 29 Mar 2022 15:15

Tgt Ion:105 Resp: 2374
Ion Ratio Lower Upper
105 100
120 43.8 22.3 66.9

