

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008277.D
 Acq On : 11 Apr 2022 16:58
 Operator : KP/MD
 Sample : N2329-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 285

Quant Time: Apr 12 06:59:35 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)

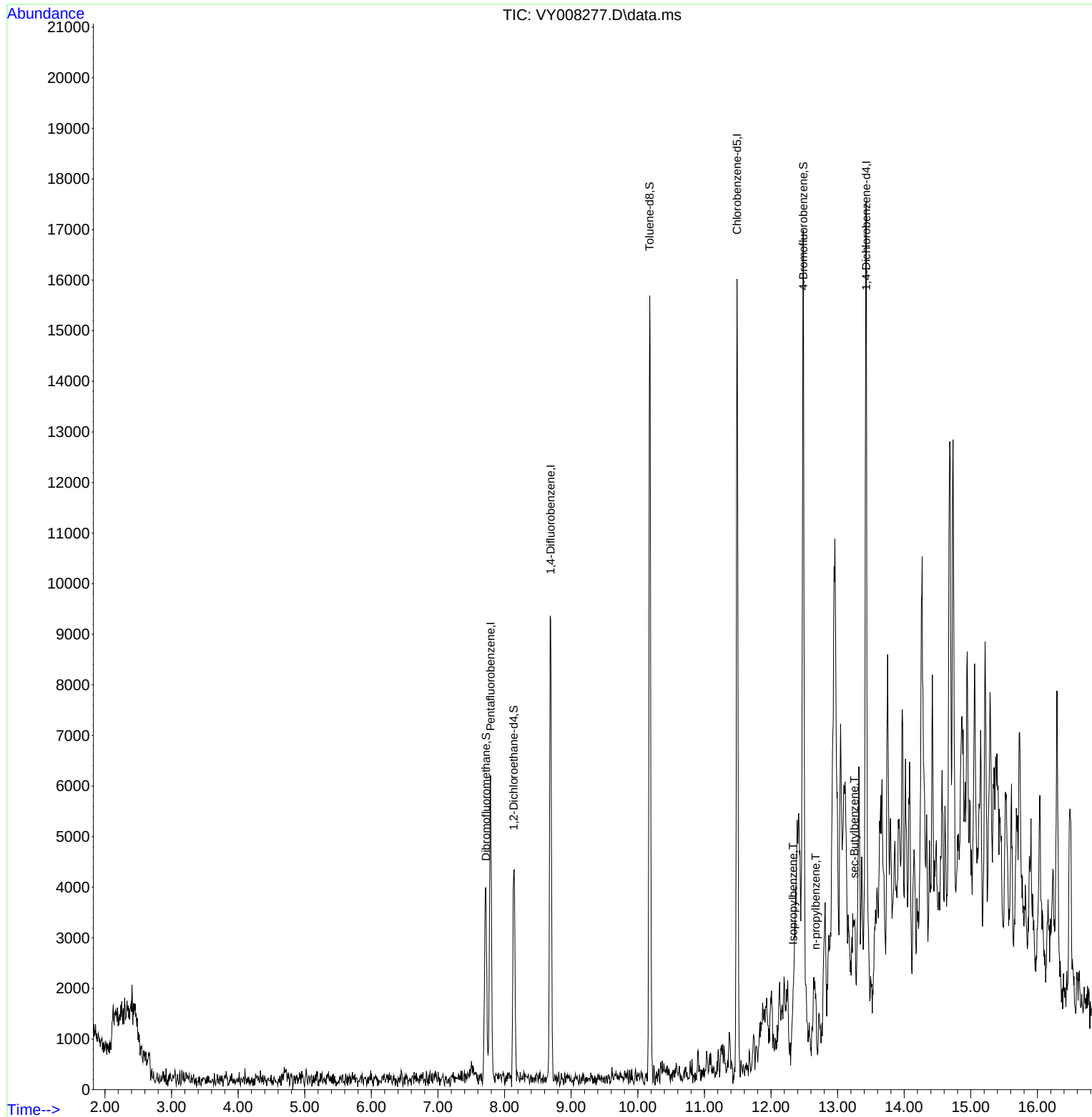
Internal Standards						
1) Pentafluorobenzene	7.789	168	4740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	8860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	3500	78.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.220%
35) Dibromofluoromethane	7.722	113	2859	54.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.900%
50) Toluene-d8	10.179	98	10644	59.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.580%
62) 4-Bromofluorobenzene	12.483	95	4391	65.574	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.140%
Target Compounds						Qvalue
73) Isopropylbenzene	12.331	105	672	2.401	ug/l	75
78) n-propylbenzene	12.672	91	1103	3.340	ug/l	91
85) sec-Butylbenzene	13.252	105	969	3.175	ug/l	84

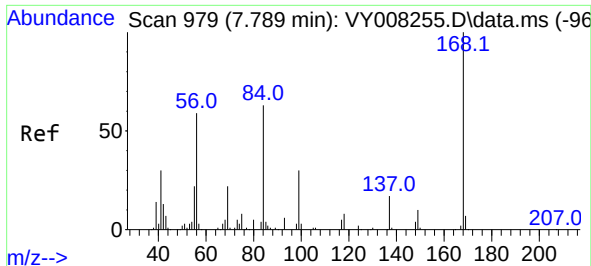
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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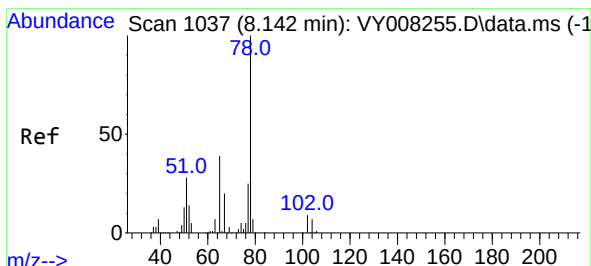
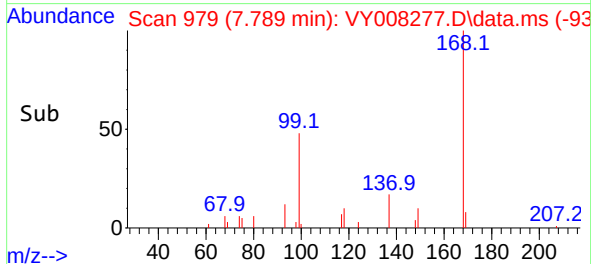
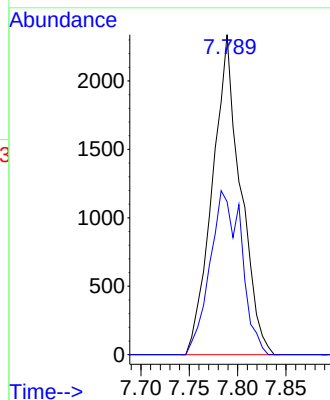
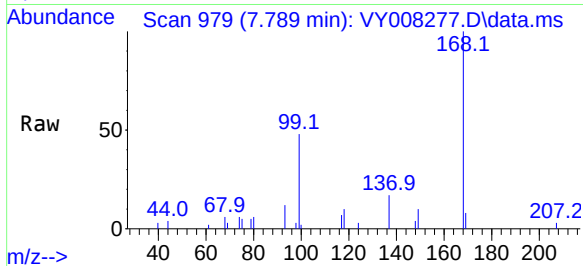




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008277.D
Acq: 11 Apr 2022 16:58

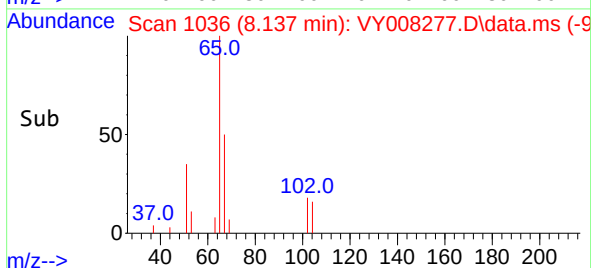
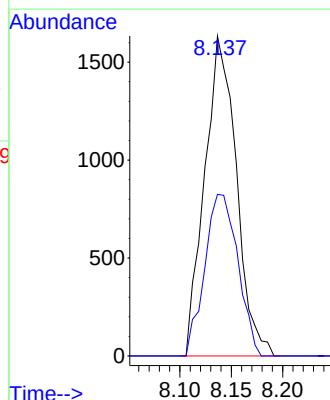
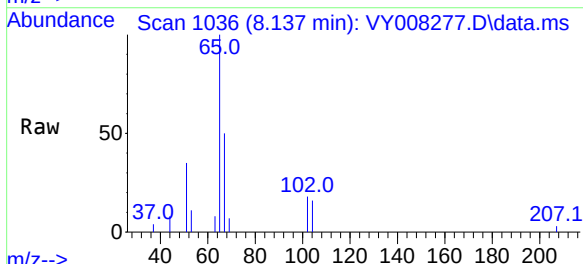
Instrument :
MSVOA_Y
ClientSampleId :
285

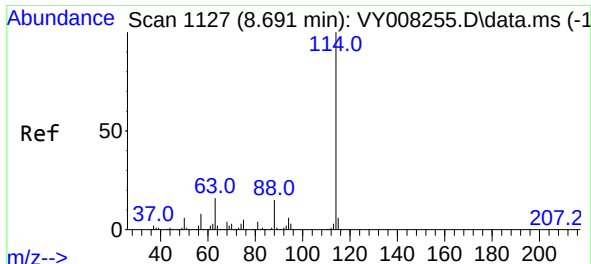
Tgt Ion:168 Resp: 4740
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 78.609 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY008277.D
Acq: 11 Apr 2022 16:58

Tgt Ion: 65 Resp: 3500
Ion Ratio Lower Upper
65 100
67 52.7 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: VY008277.D

Acq: 11 Apr 2022 16:58

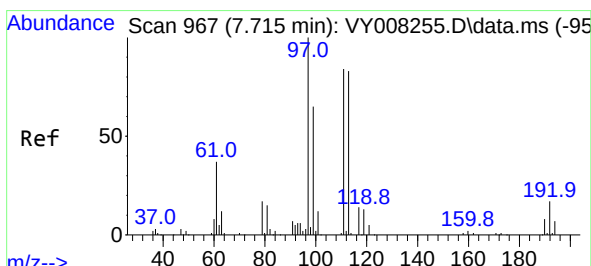
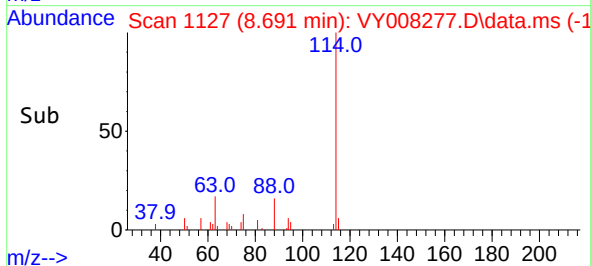
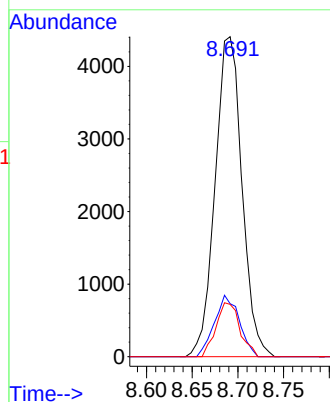
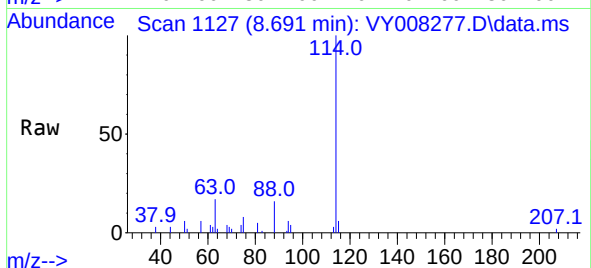
Instrument :

MSVOA_Y

ClientSampleId :

285

Tgt Ion:114	Resp:	9008
Ion	Ratio	Lower Upper
114	100	
63	16.6	0.0 43.2
88	16.4	0.0 31.8



#35

Dibromofluoromethane

Concen: 54.950 ug/l

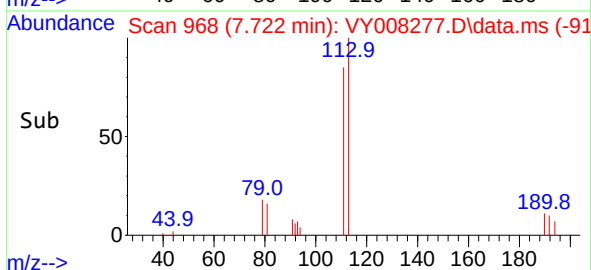
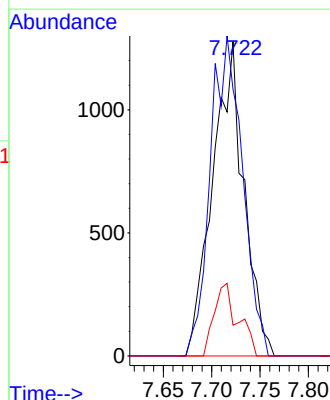
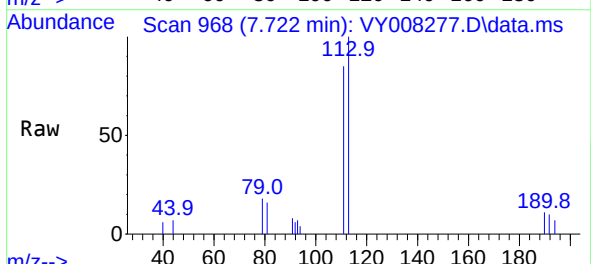
RT: 7.722 min Scan# 968

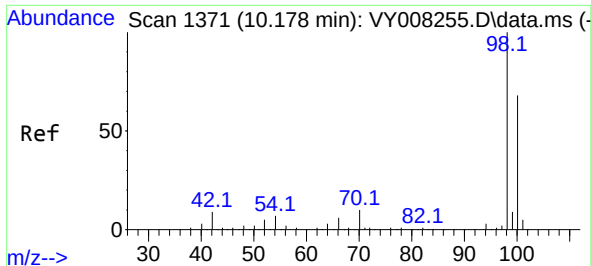
Delta R.T. 0.007 min

Lab File: VY008277.D

Acq: 11 Apr 2022 16:58

Tgt Ion:113	Resp:	2859
Ion	Ratio	Lower Upper
113	100	
111	105.1	82.6 124.0
192	17.5	17.6 26.4#

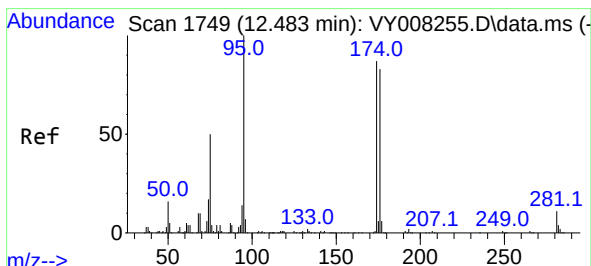
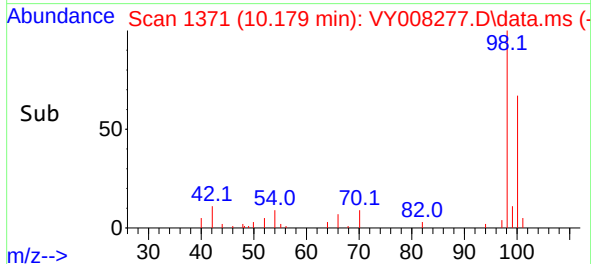
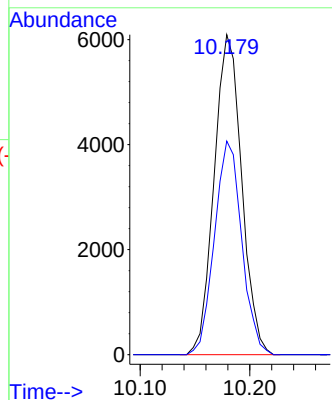
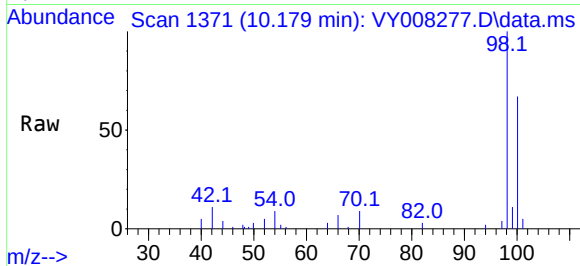




#50
Toluene-d8
Concen: 59.787 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008277.D
Acq: 11 Apr 2022 16:58

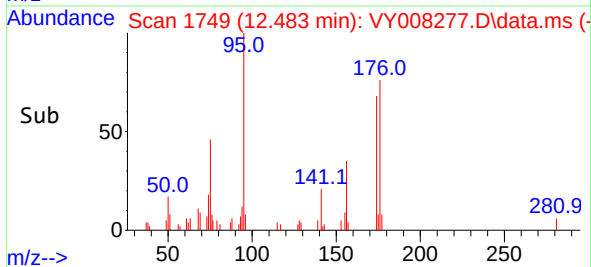
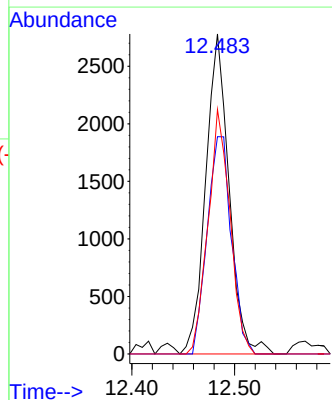
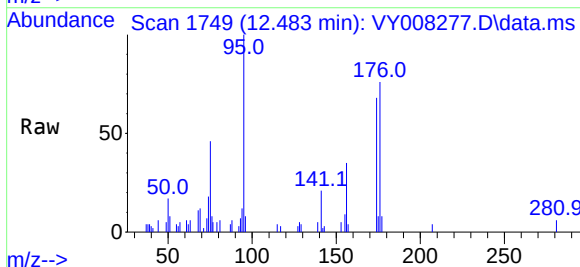
Instrument :
MSVOA_Y
ClientSampleId :
285

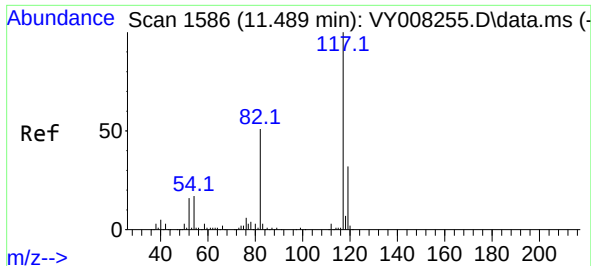
Tgt Ion: 98 Resp: 10644
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 65.574 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008277.D
Acq: 11 Apr 2022 16:58

Tgt Ion: 95 Resp: 4391
Ion Ratio Lower Upper
95 100
174 70.7 0.0 177.0
176 71.9 0.0 175.8

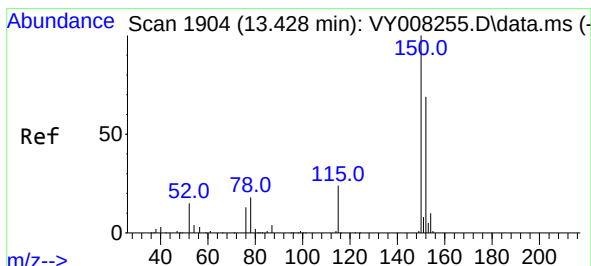
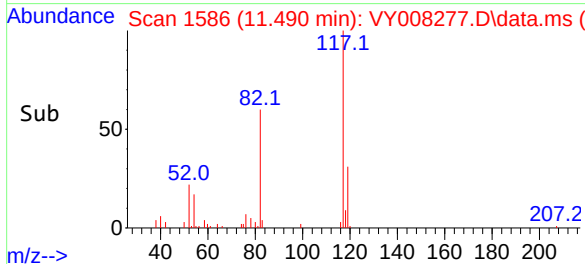
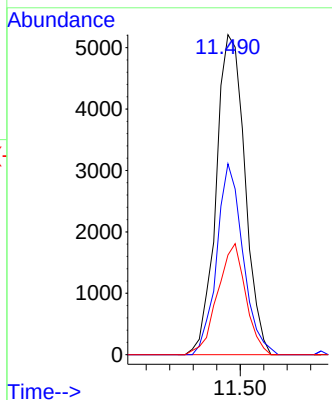
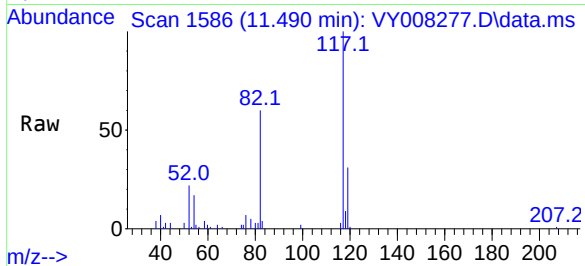




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008277.D
Acq: 11 Apr 2022 16:58

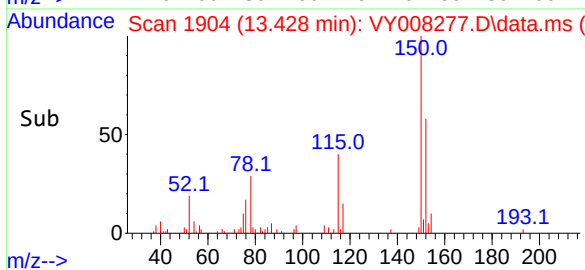
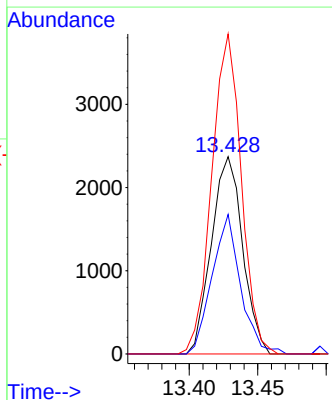
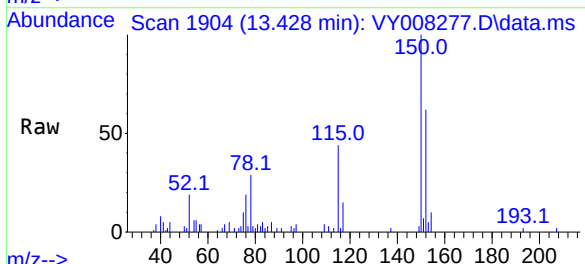
Instrument :
MSVOA_Y
ClientSampleId :
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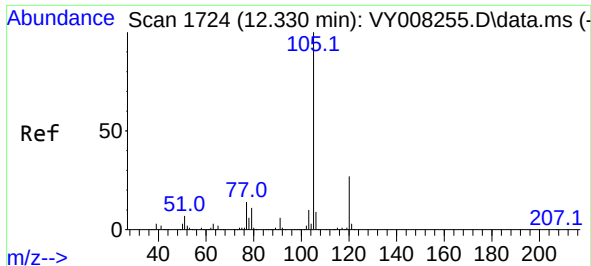
Tgt Ion:	117	Resp:	8860
Ion	Ratio	Lower	Upper
117	100		
82	59.6	43.0	64.4
119	31.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008277.D
Acq: 11 Apr 2022 16:58

Tgt Ion:	152	Resp:	3764
Ion	Ratio	Lower	Upper
152	100		
115	64.5	28.2	84.7
150	153.2	0.0	347.6

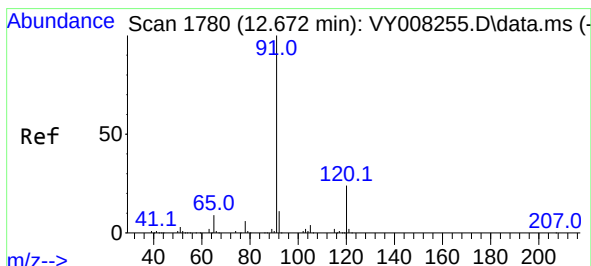
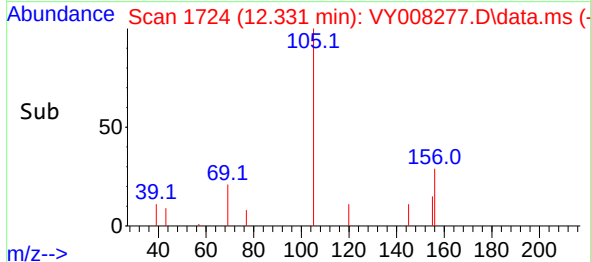
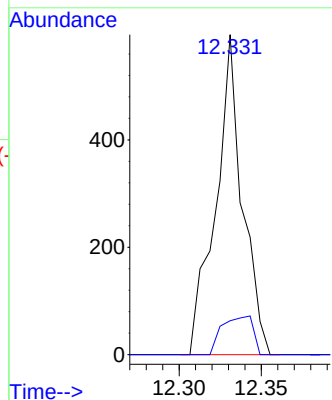
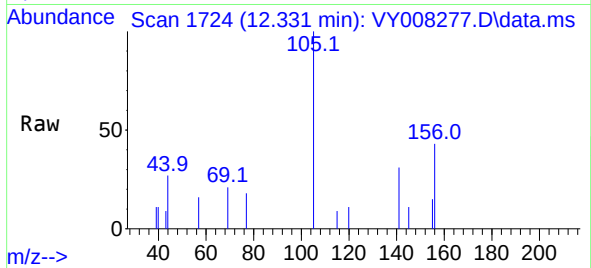




#73
Isopropylbenzene
Concen: 2.401 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008277.D
Acq: 11 Apr 2022 16:58

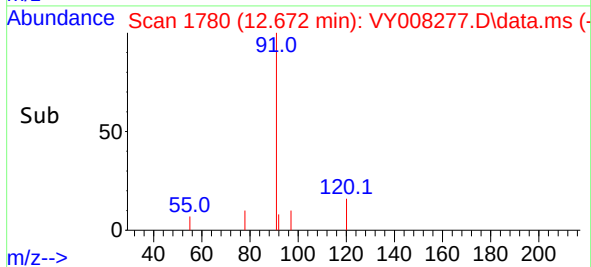
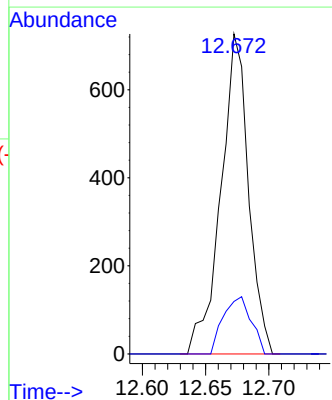
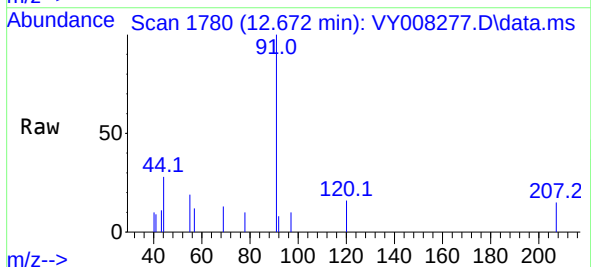
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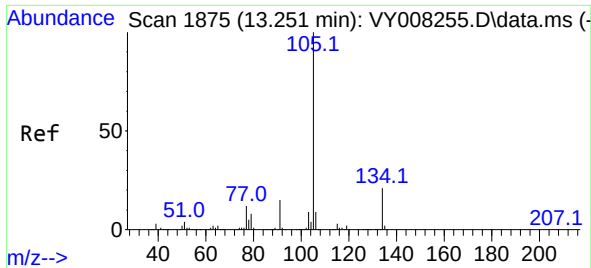
Tgt Ion:105 Resp: 672
Ion Ratio Lower Upper
105 100
120 14.0 13.4 40.2



#78
n-propylbenzene
Concen: 3.340 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008277.D
Acq: 11 Apr 2022 16:58

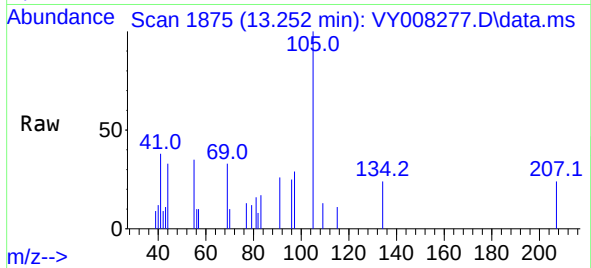
Tgt Ion: 91 Resp: 1103
Ion Ratio Lower Upper
91 100
120 18.0 11.3 33.9





#85
 sec-Butylbenzene
 Concen: 3.175 ug/l
 RT: 13.252 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VY008277.D
 Acq: 11 Apr 2022 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 285



Tgt Ion:105 Resp: 969
 Ion Ratio Lower Upper
 105 100
 134 27.9 10.2 30.4

