

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007483.D
 Acq On : 11 Feb 2022 17:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 12 02:55:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

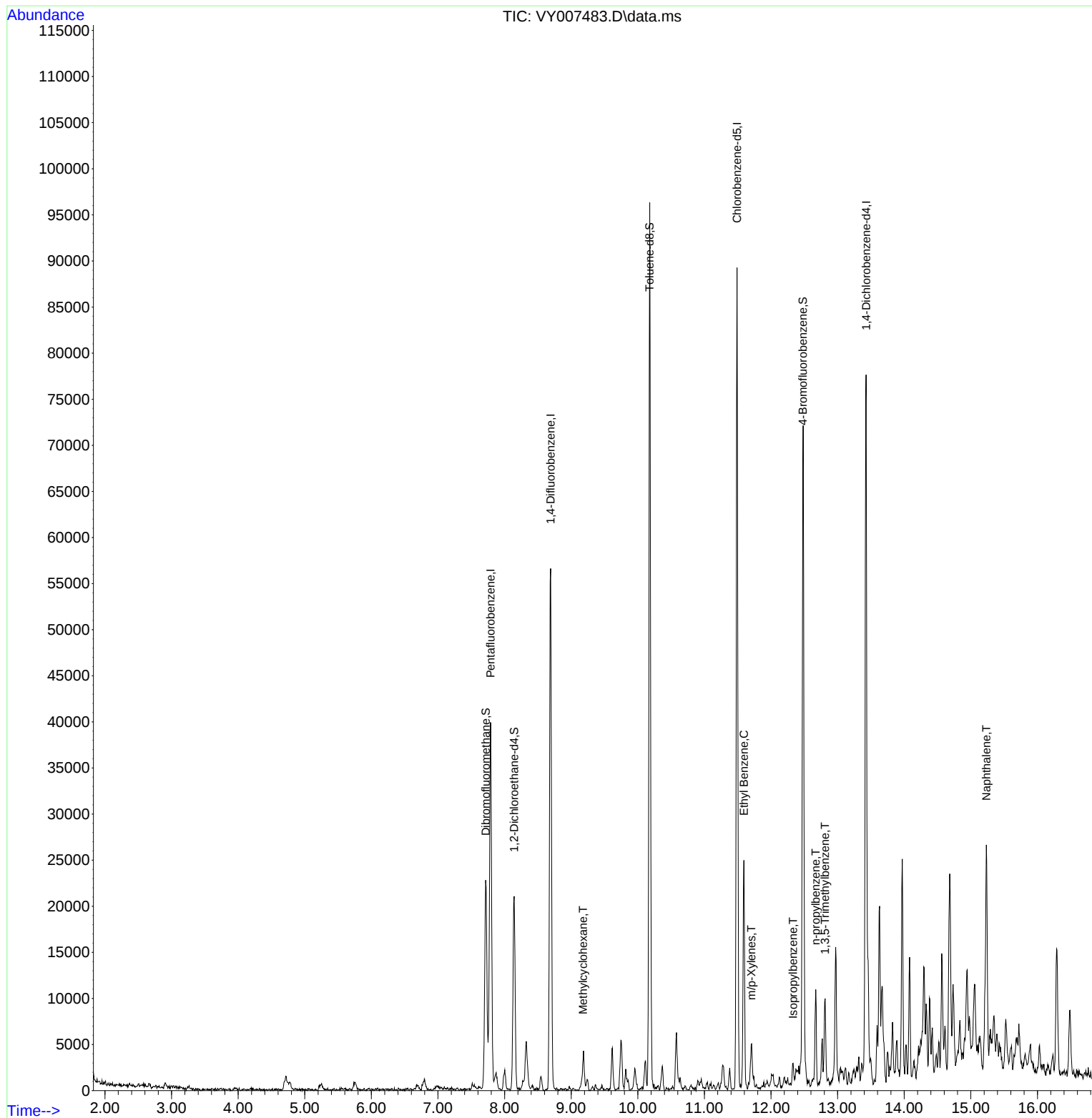
Internal Standards						
1) Pentafluorobenzene	7.789	168	27545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	48456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	45186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	16696	52.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.400%	
35) Dibromofluoromethane	7.716	113	15683	50.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.800%	
50) Toluene-d8	10.179	98	57590	50.097	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	12.477	95	20473	52.398	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.800%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.179	83	1235	1.808	ug/l #	84
67) Ethyl Benzene	11.593	91	16691	8.750	ug/l	100
68) m/p-Xylenes	11.703	106	1033	1.462	ug/l	100
73) Isopropylbenzene	12.331	105	1925	1.134	ug/l	91
78) n-propylbenzene	12.672	91	8155	3.965	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	3749	2.706	ug/l	97
95) Naphthalene	15.233	128	17409	23.171	ug/l	97

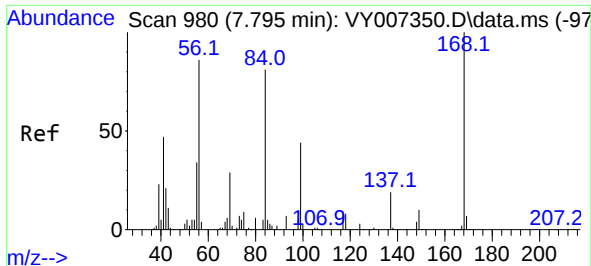
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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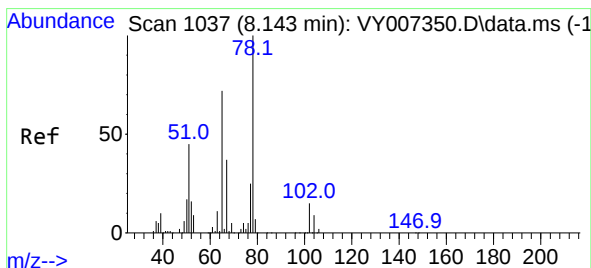
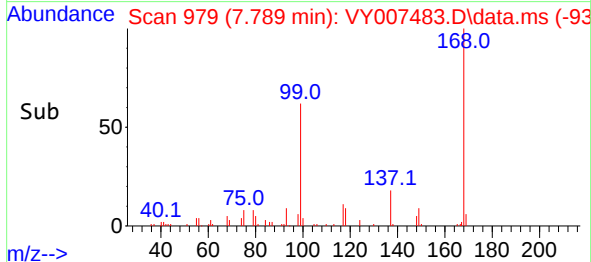
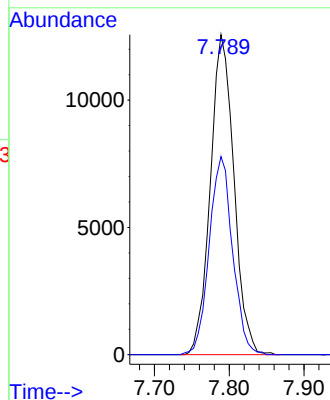
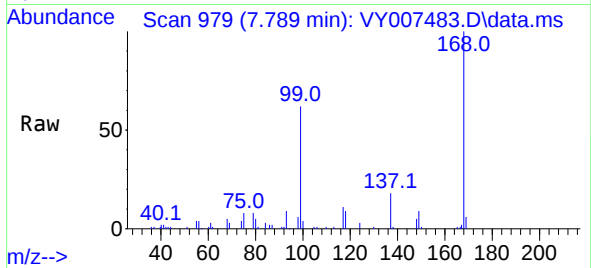




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

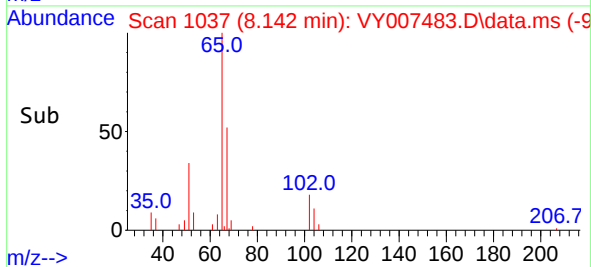
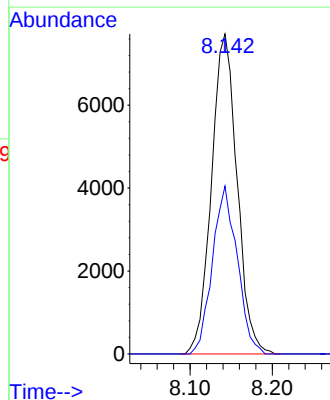
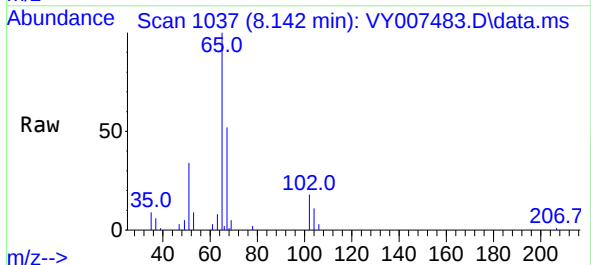
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

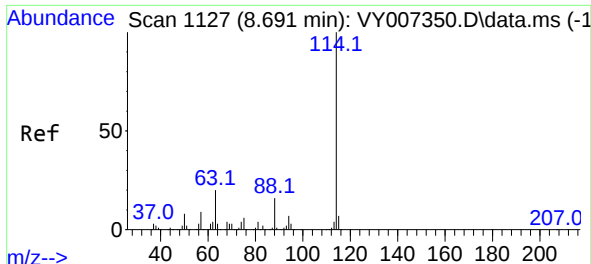
Tgt Ion:168 Resp: 27545
Ion Ratio Lower Upper
168 100
99 61.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.696 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

Tgt Ion: 65 Resp: 16696
Ion Ratio Lower Upper
65 100
67 50.8 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: VY007483.D

Acq: 11 Feb 2022 17:43

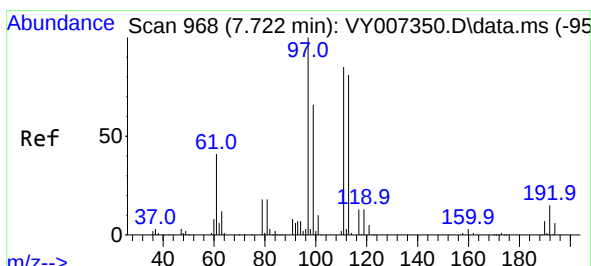
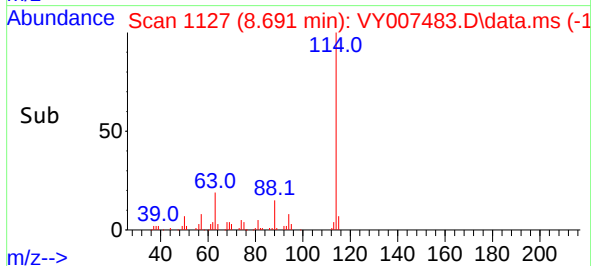
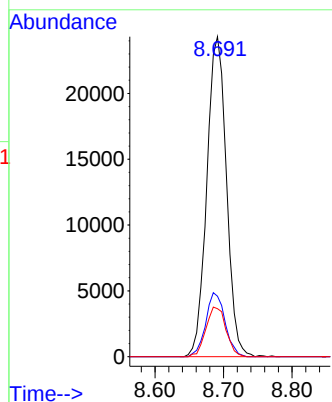
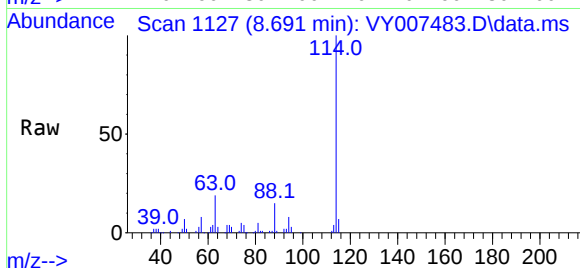
Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion:	114	Resp:	48456
Ion Ratio	Lower	Upper	
114	100		
63	18.9	0.0	43.2
88	15.0	0.0	31.8



#35

Dibromofluoromethane

Concen: 50.403 ug/l

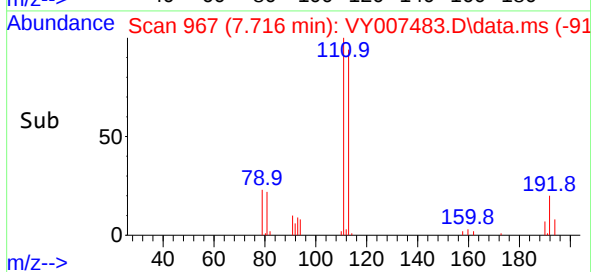
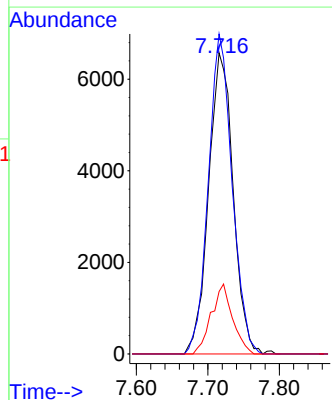
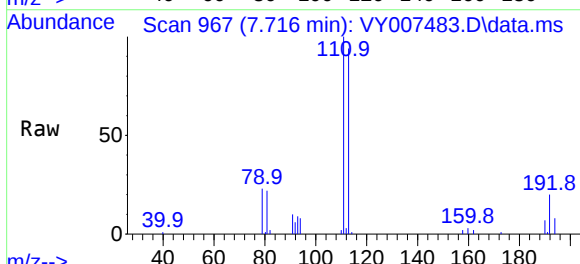
RT: 7.716 min Scan# 967

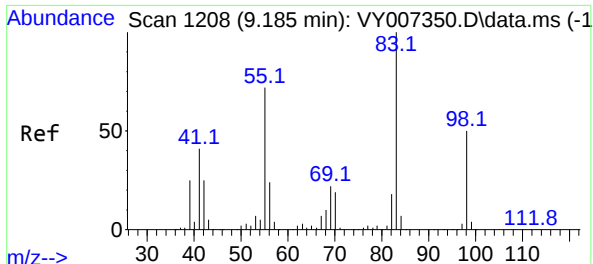
Delta R.T. -0.006 min

Lab File: VY007483.D

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Tgt Ion:	113	Resp:	15683
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.6	124.0
192	20.1	17.6	26.4

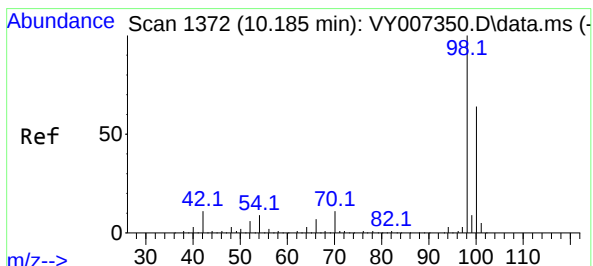
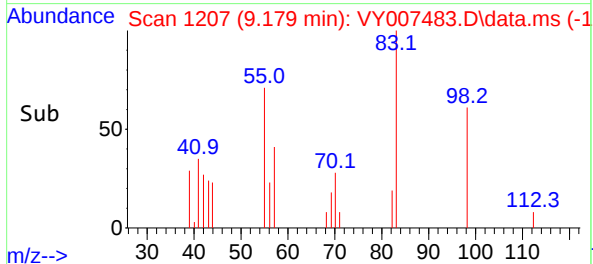
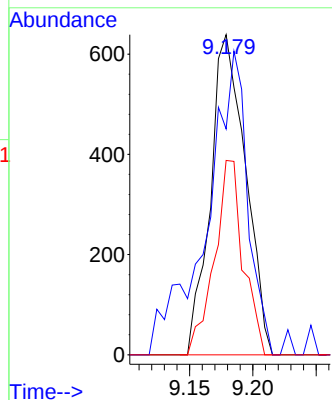
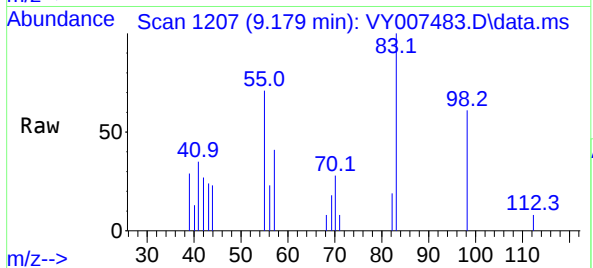




#39
Methylcyclohexane
Concen: 1.808 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

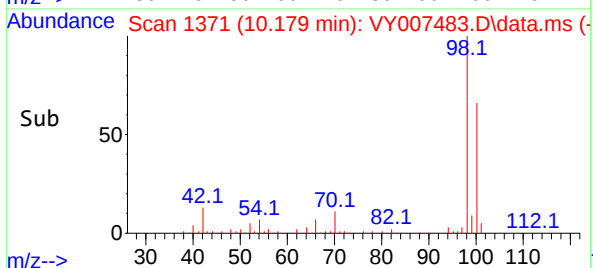
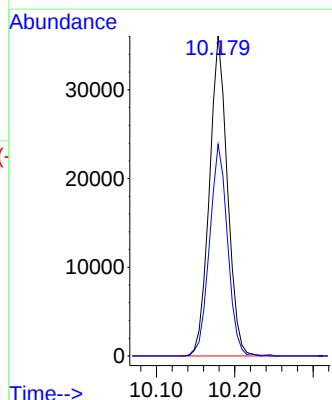
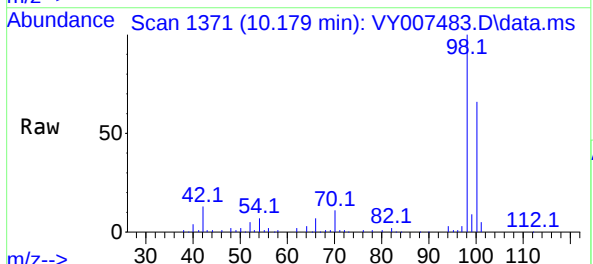
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

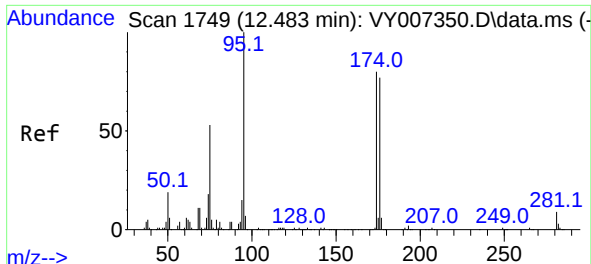
Tgt Ion: 83 Resp: 1235
Ion Ratio Lower Upper
83 100
55 70.6 66.5 99.7
98 60.7 37.9 56.9#



#50
Toluene-d8
Concen: 50.097 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

Tgt Ion: 98 Resp: 57590
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

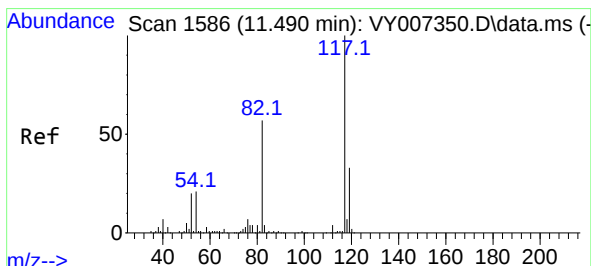
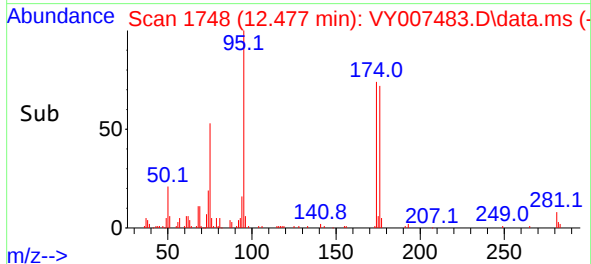
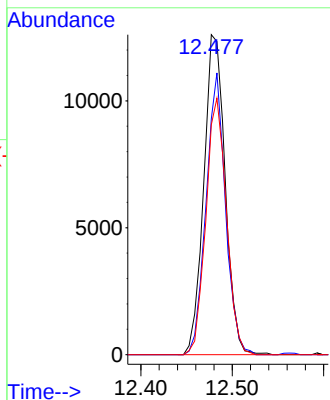
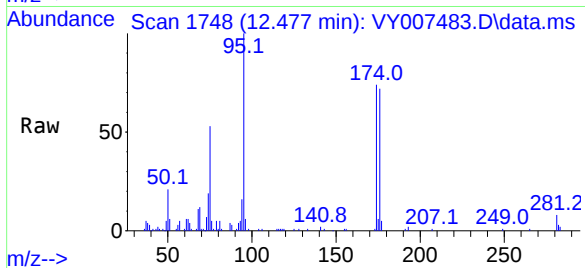




#62
4-Bromofluorobenzene
Concen: 52.398 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

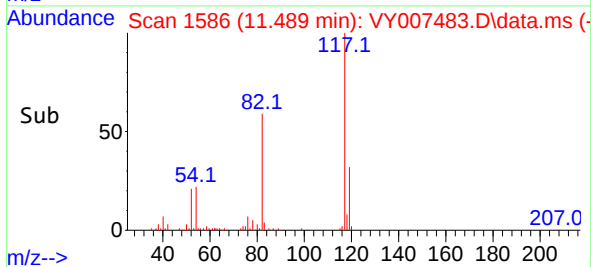
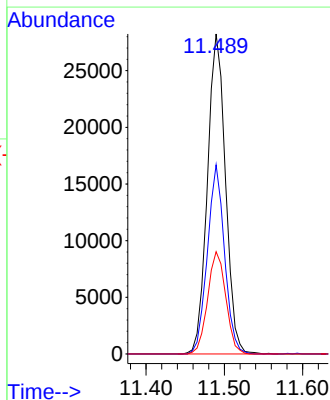
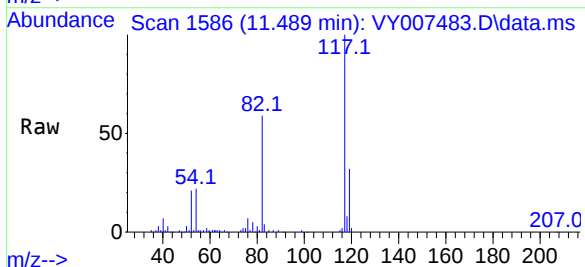
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

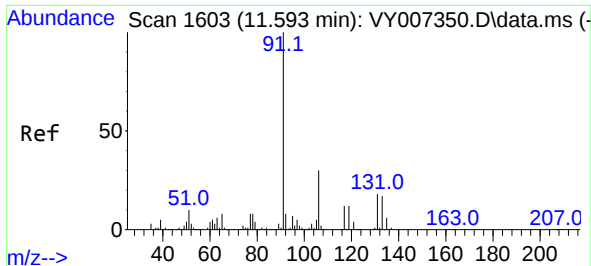
Tgt Ion:	95	Resp:	20473
Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	177.0
176	77.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

Tgt Ion:	117	Resp:	45186
Ion	Ratio	Lower	Upper
117	100		
82	59.1	43.0	64.4
119	32.0	25.4	38.0

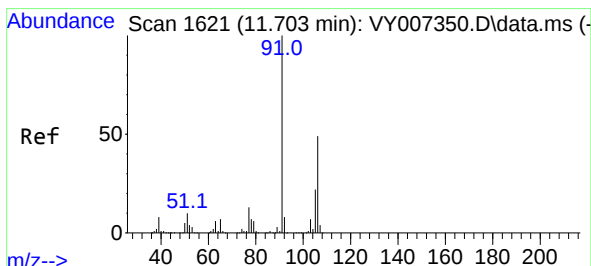
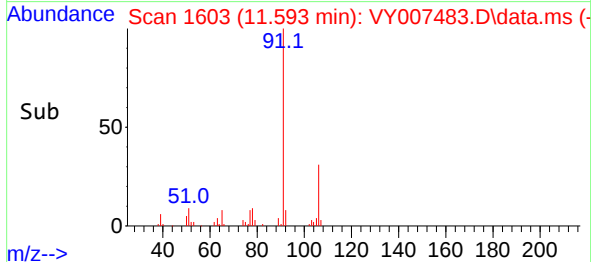
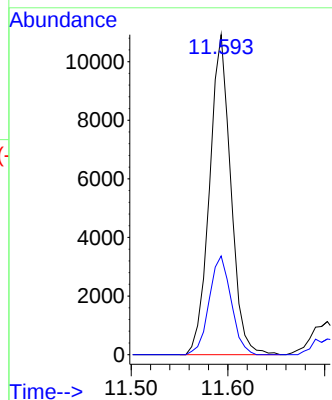
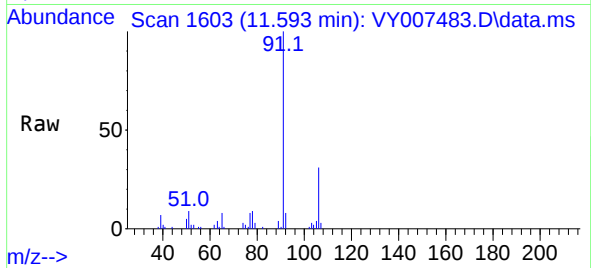




#67
Ethyl Benzene
Concen: 8.750 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

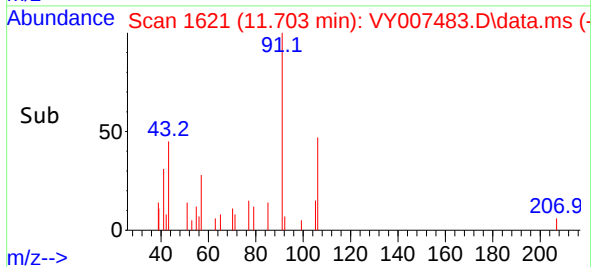
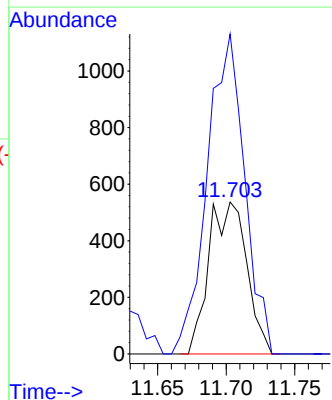
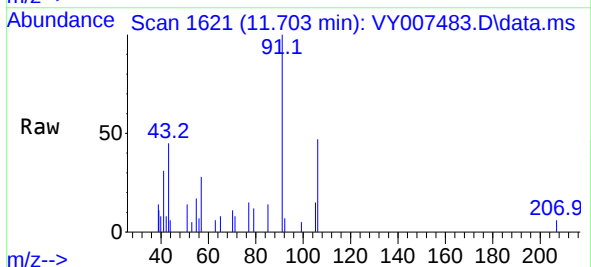
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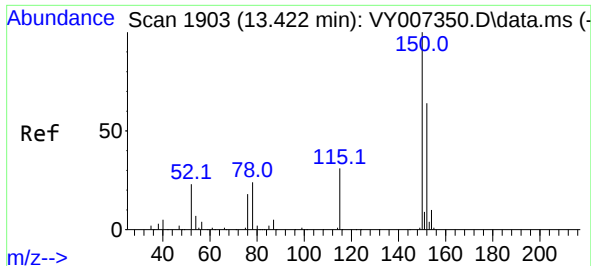
Tgt Ion: 91 Resp: 16691
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7



#68
m/p-Xylenes
Concen: 1.462 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

Tgt Ion: 106 Resp: 1033
Ion Ratio Lower Upper
106 100
91 207.9 166.6 249.8

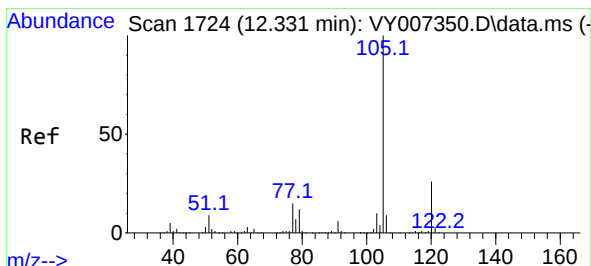
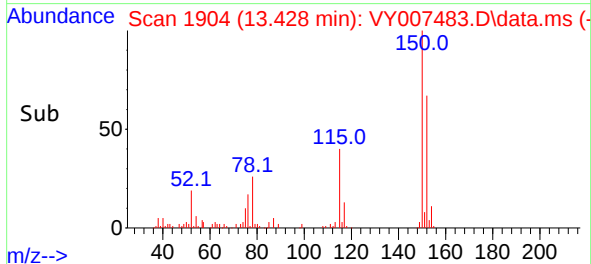
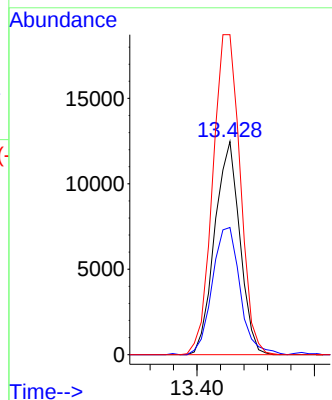
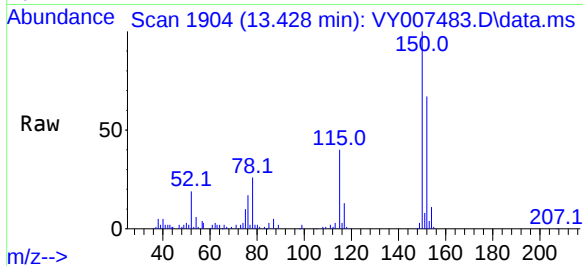




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

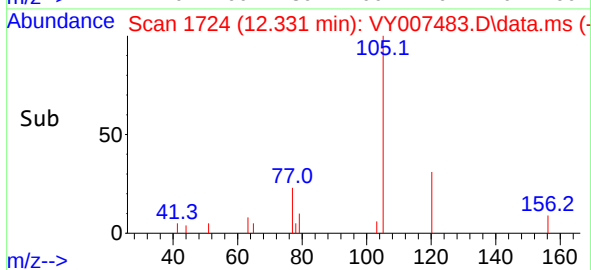
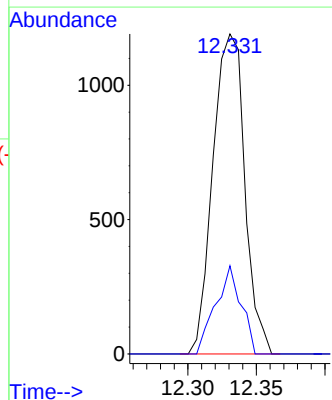
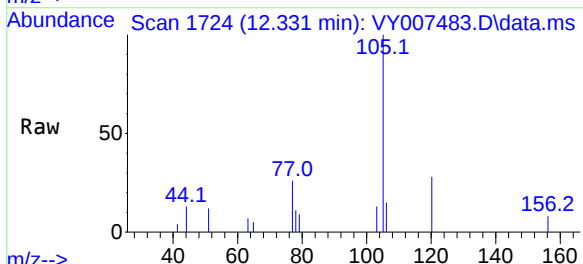
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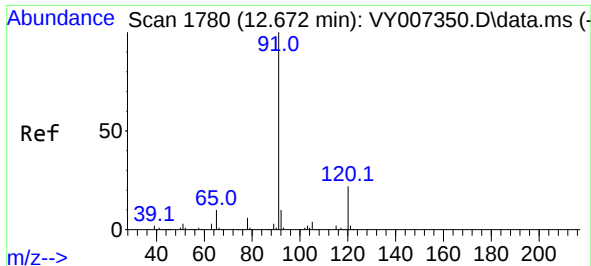
Tgt Ion:152 Resp: 18582
Ion Ratio Lower Upper
152 100
115 66.2 28.2 84.7
150 163.0 0.0 347.6



#73
Isopropylbenzene
Concen: 1.134 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

Tgt Ion:105 Resp: 1925
Ion Ratio Lower Upper
105 100
120 22.0 13.4 40.2

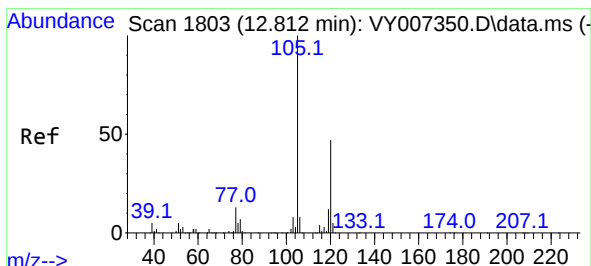
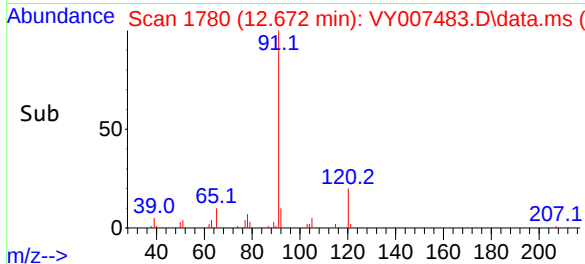
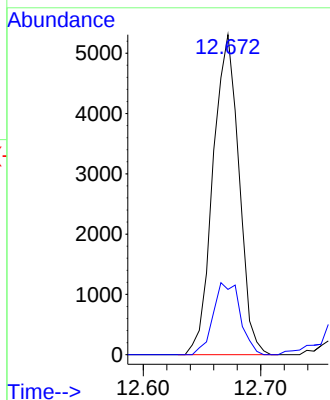
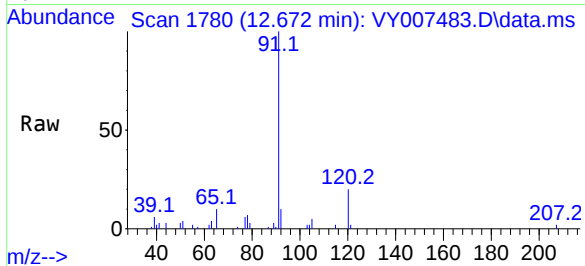




#78
n-propylbenzene
Concen: 3.965 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

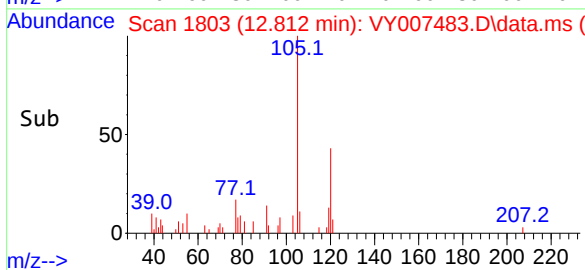
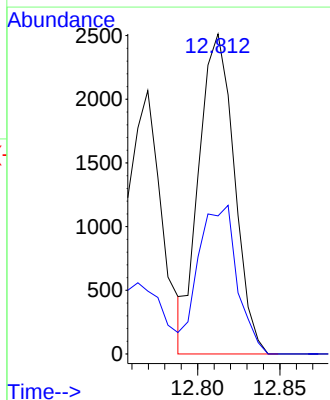
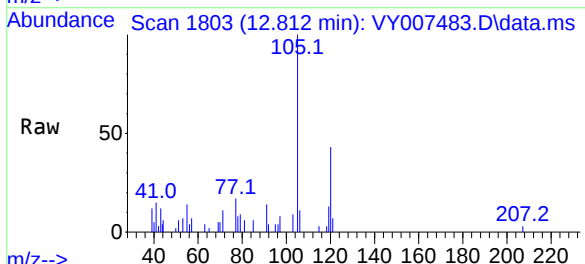
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

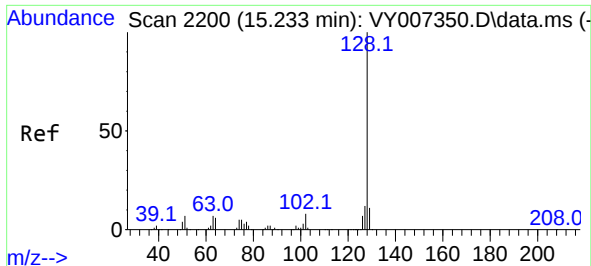
Tgt Ion: 91 Resp: 8155
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 2.706 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

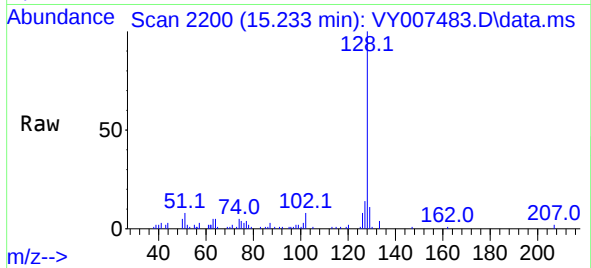
Tgt Ion: 105 Resp: 3749
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.4





#95
Naphthalene
Concen: 23.171 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007483.D
Acq: 11 Feb 2022 17:43

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion:128 Resp: 17409
Ion Ratio Lower Upper
128 100
127 15.4 11.0 16.4
129 11.1 8.4 12.6

