

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008527.D
 Acq On : 27 Apr 2022 15:11
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 28 01:32:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

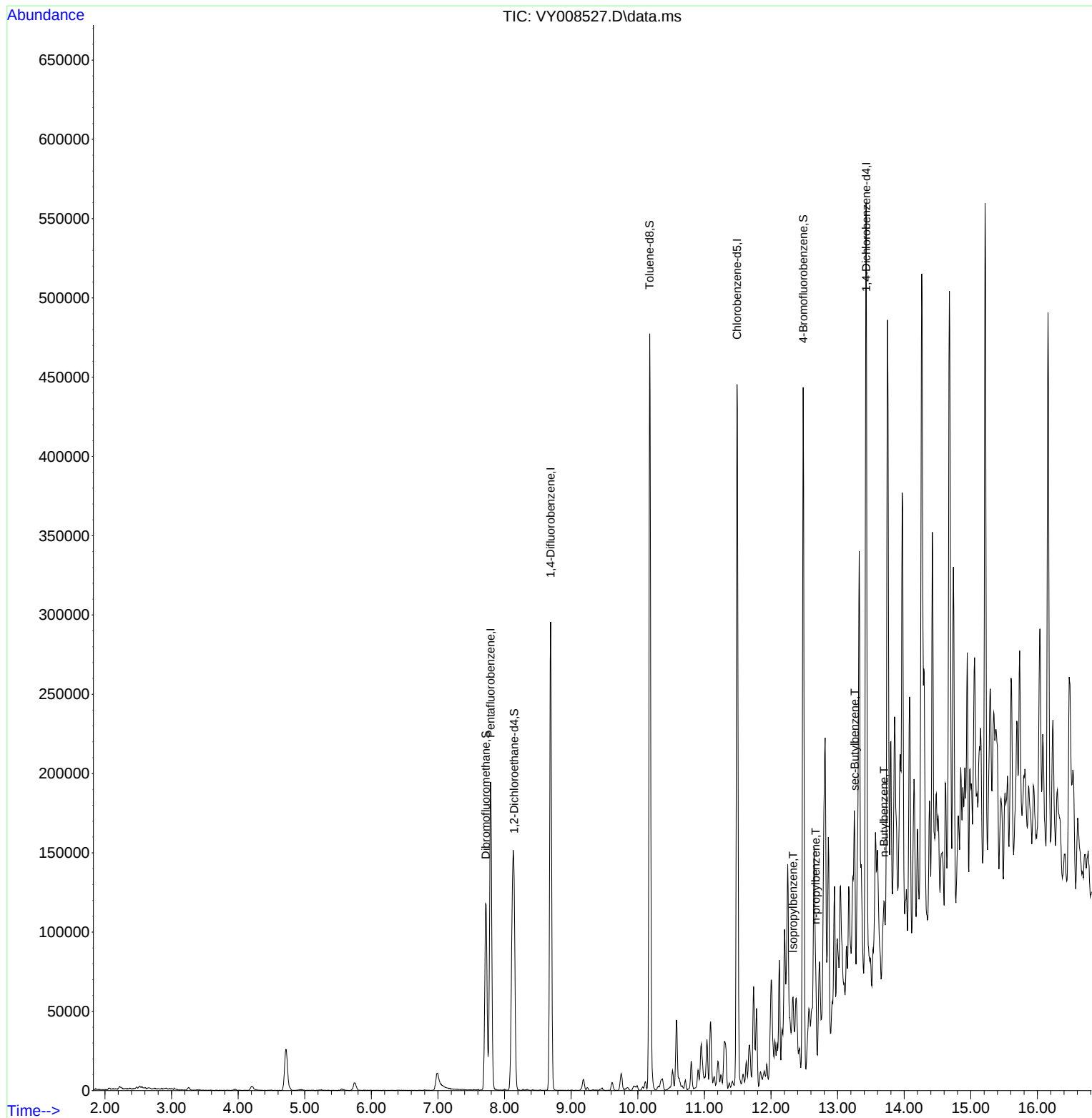
Internal Standards						
1) Pentafluorobenzene	7.789	168	166230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	277363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73338	37.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.000%
35) Dibromofluoromethane	7.716	113	85594	47.817	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.179	98	322032	45.353	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.700%
62) 4-Bromofluorobenzene	12.483	95	120552	50.014	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.020%
Target Compounds						
					Qvalue	
73) Isopropylbenzene	12.331	105	12896	1.224	ug/l	99
78) n-propylbenzene	12.672	91	35118	2.778	ug/l	95
85) sec-Butylbenzene	13.258	105	39886	3.480	ug/l #	75
89) n-Butylbenzene	13.697	91	17598	2.020	ug/l #	84

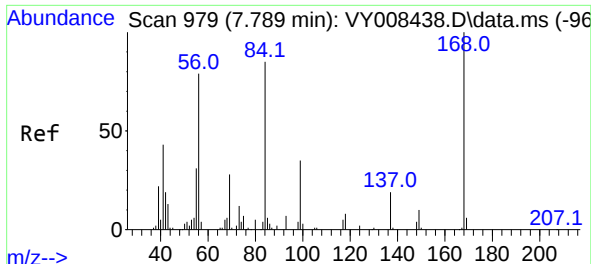
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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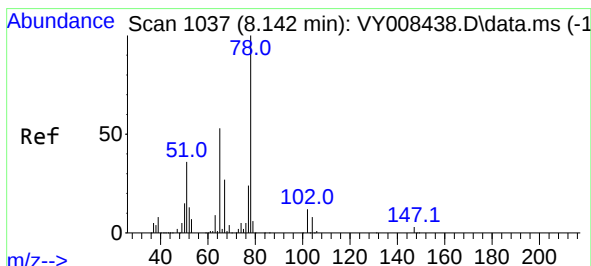
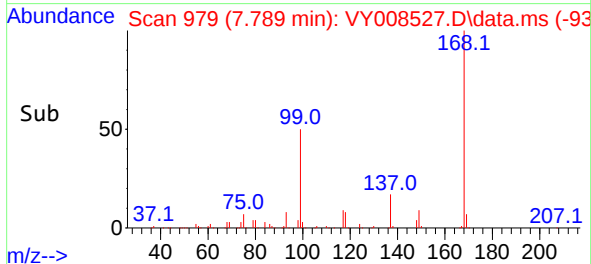
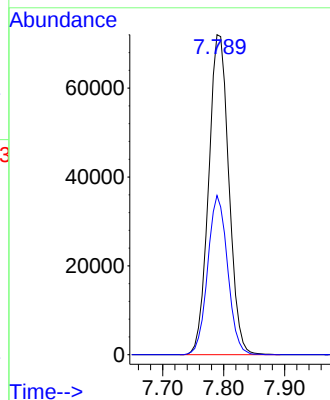
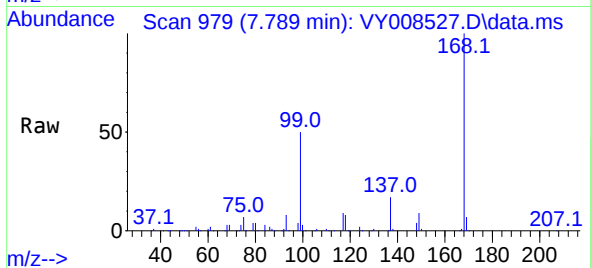




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008527.D
Acq: 27 Apr 2022 15:11

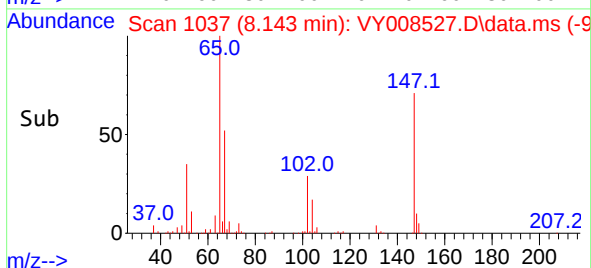
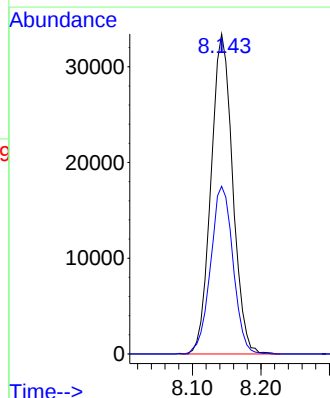
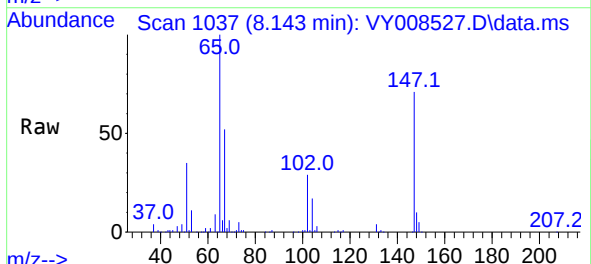
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

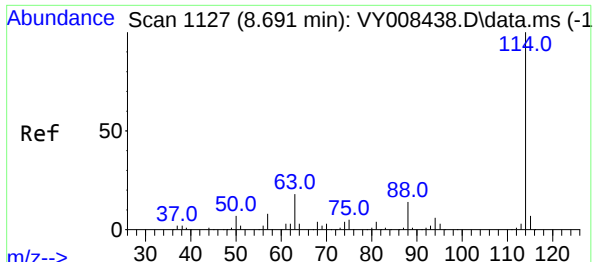
Tgt Ion:168 Resp: 166230
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 37.496 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008527.D
Acq: 27 Apr 2022 15:11

Tgt Ion: 65 Resp: 73338
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4

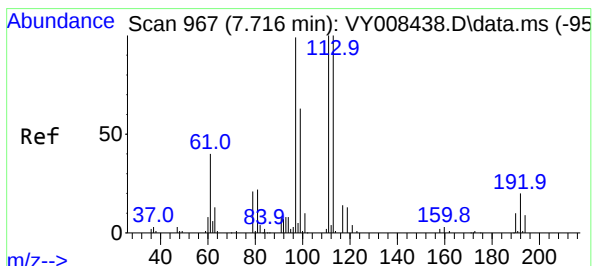
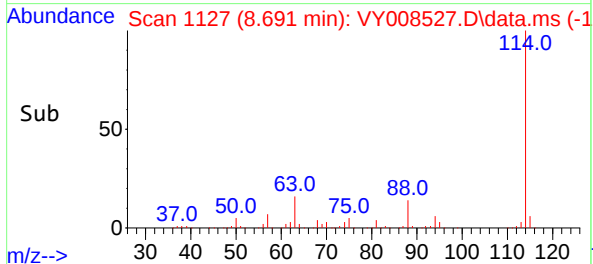
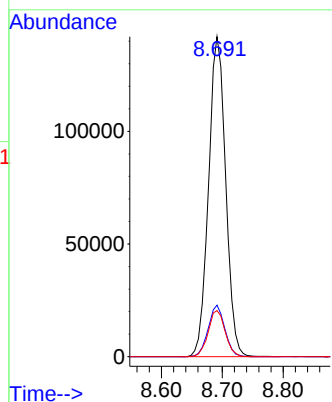
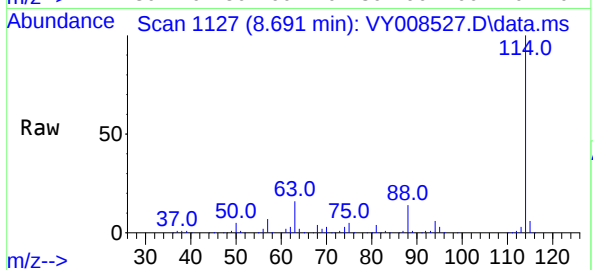




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008527.D
Acq: 27 Apr 2022 15:11

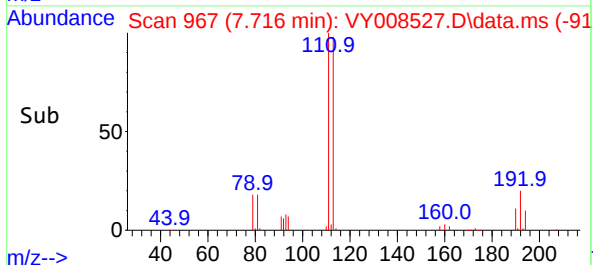
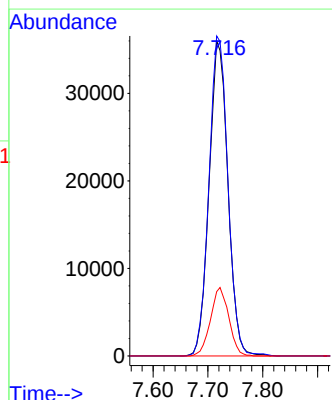
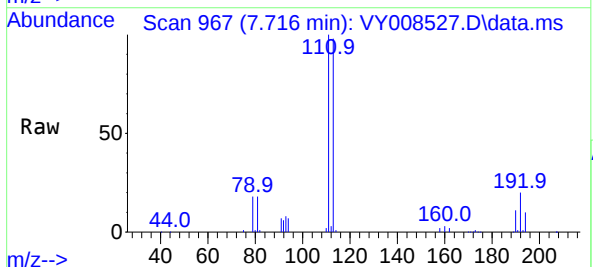
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

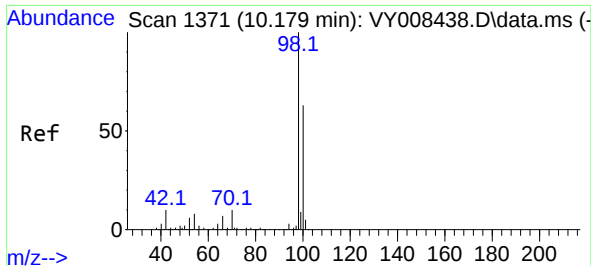
Tgt Ion:114 Resp: 277363
Ion Ratio Lower Upper
114 100
63 16.1 0.0 43.2
88 14.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.817 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008527.D
Acq: 27 Apr 2022 15:11

Tgt Ion:113 Resp: 85594
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 21.2 17.6 26.4

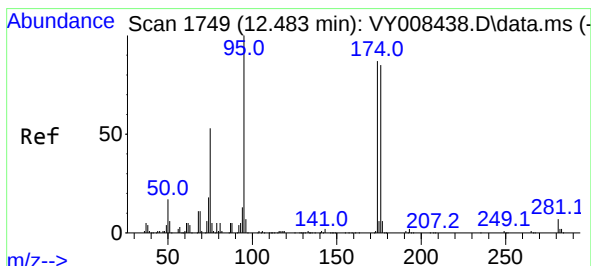
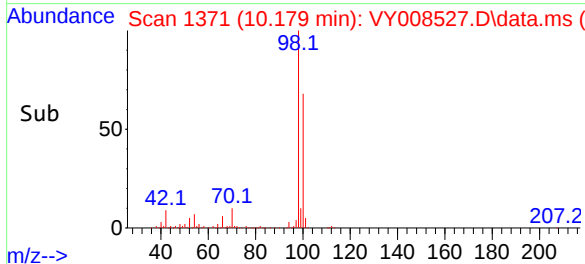
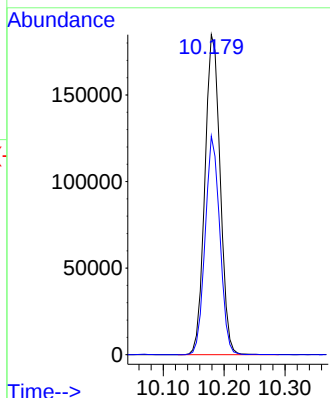
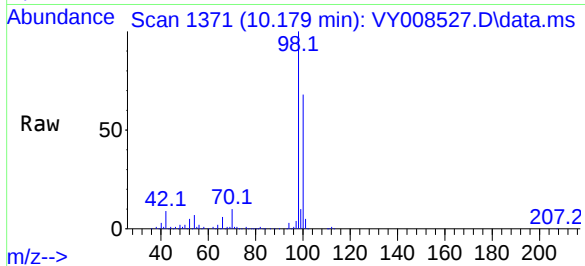




#50
Toluene-d8
Concen: 45.353 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008527.D
Acq: 27 Apr 2022 15:11

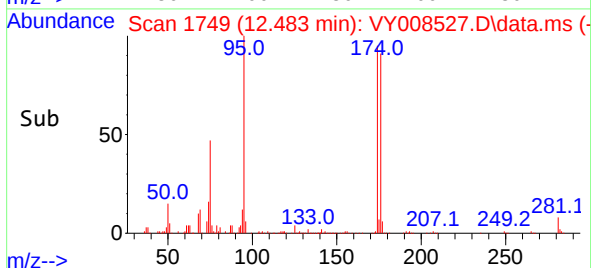
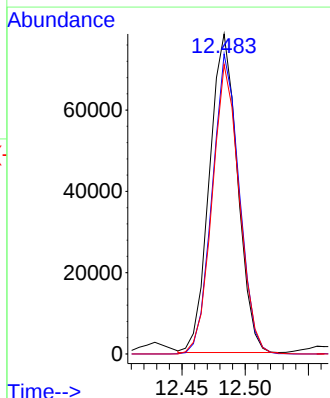
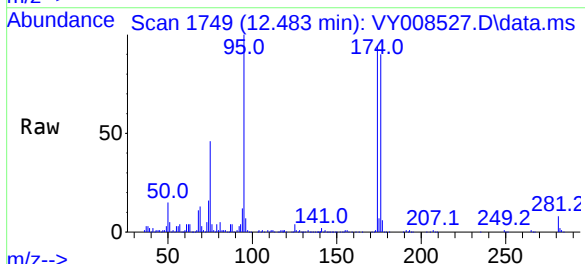
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

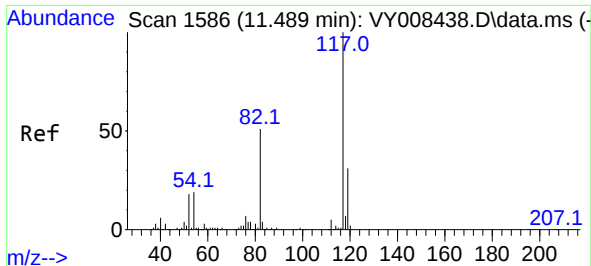
Tgt Ion: 98 Resp: 322032
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.014 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008527.D
Acq: 27 Apr 2022 15:11

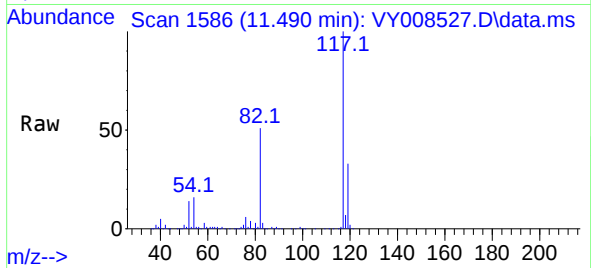
Tgt Ion: 95 Resp: 120552
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 87.9 0.0 175.8



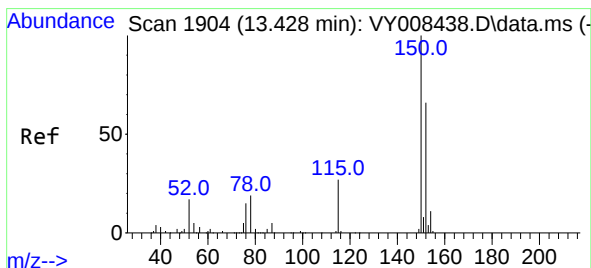
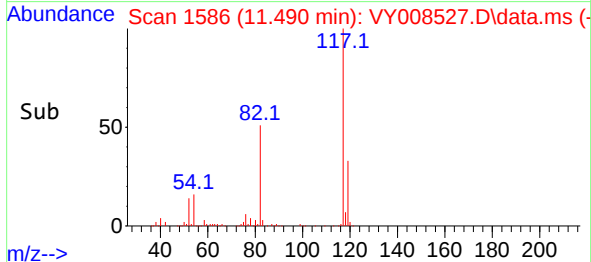
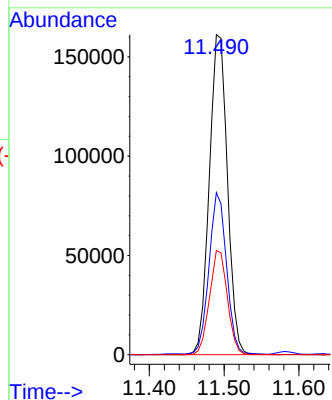


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008527.D
Acq: 27 Apr 2022 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

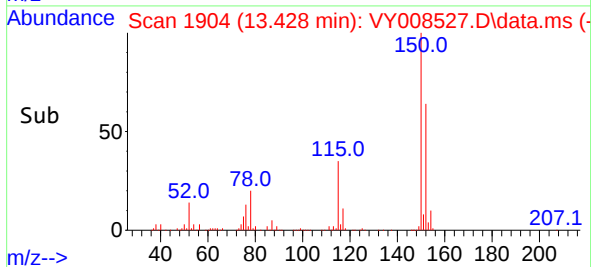
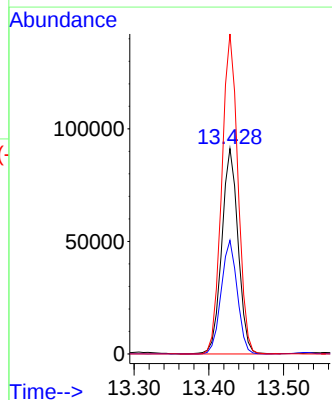
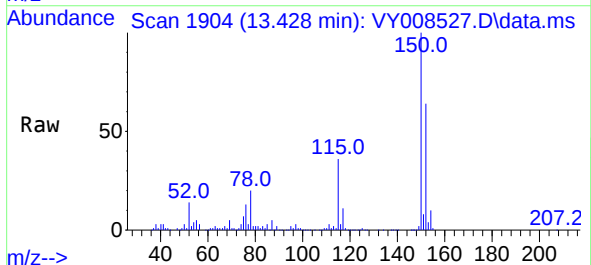


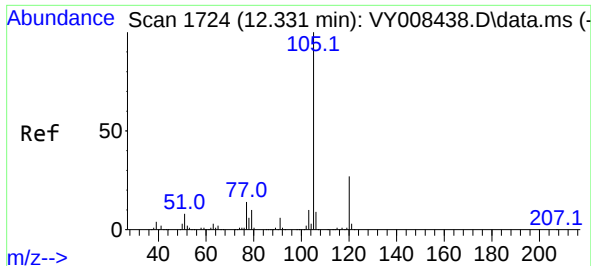
Tgt Ion:117 Resp: 271901
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008527.D
Acq: 27 Apr 2022 15:11

Tgt Ion:152 Resp: 138996
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 154.3 0.0 347.6

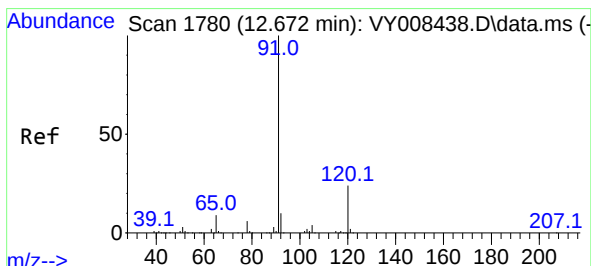
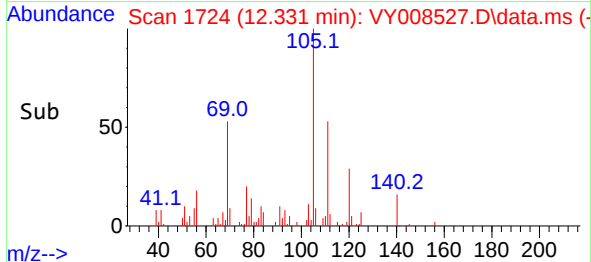
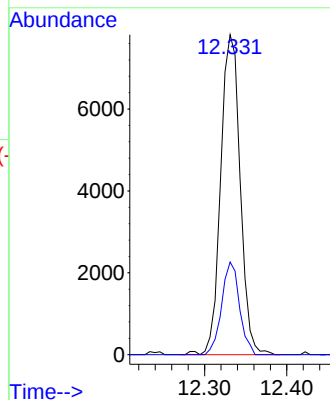
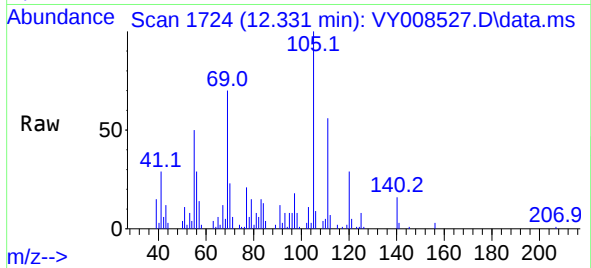




#73
Isopropylbenzene
Concen: 1.224 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008527.D
Acq: 27 Apr 2022 15:11

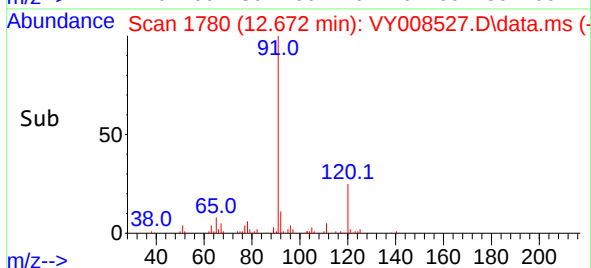
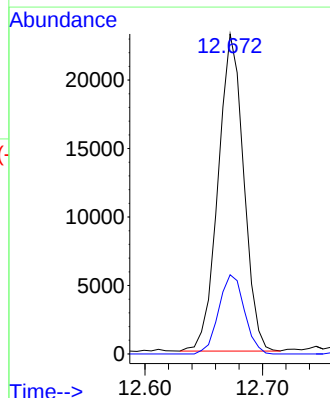
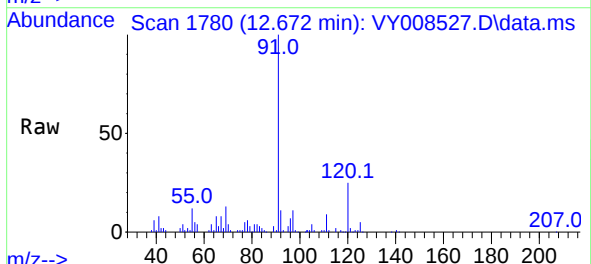
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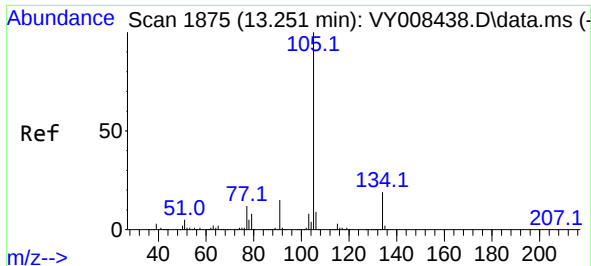
Tgt Ion:105 Resp: 12896
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#78
n-propylbenzene
Concen: 2.778 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008527.D
Acq: 27 Apr 2022 15:11

Tgt Ion: 91 Resp: 35118
Ion Ratio Lower Upper
91 100
120 25.0 11.3 33.9

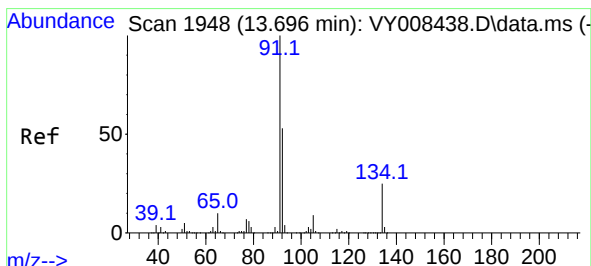
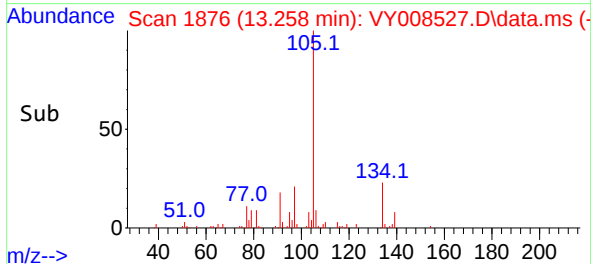
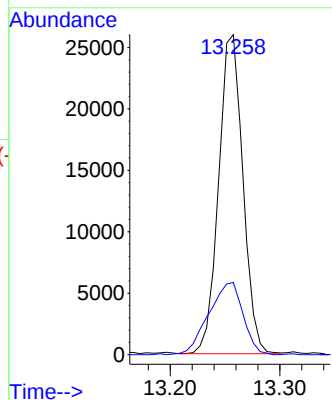
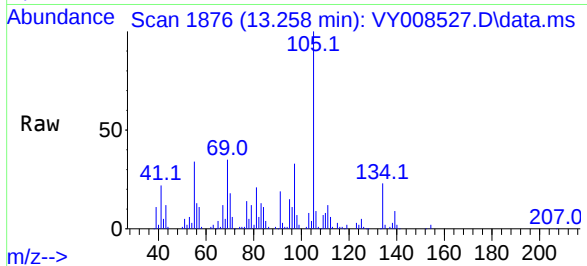




#85
sec-Butylbenzene
Concen: 3.480 ug/l
RT: 13.258 min Scan# 1875
Delta R.T. 0.007 min
Lab File: VY008527.D
Acq: 27 Apr 2022 15:11

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:105 Resp: 39886
Ion Ratio Lower Upper
105 100
134 32.0 10.2 30.4#



#89
n-Butylbenzene
Concen: 2.020 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY008527.D
Acq: 27 Apr 2022 15:11

Tgt Ion: 91 Resp: 17598
Ion Ratio Lower Upper
91 100
92 49.8 26.3 78.9
134 46.3 13.0 38.9#

