

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008532.D
 Acq On : 27 Apr 2022 17:08
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 28 01:34:10 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)

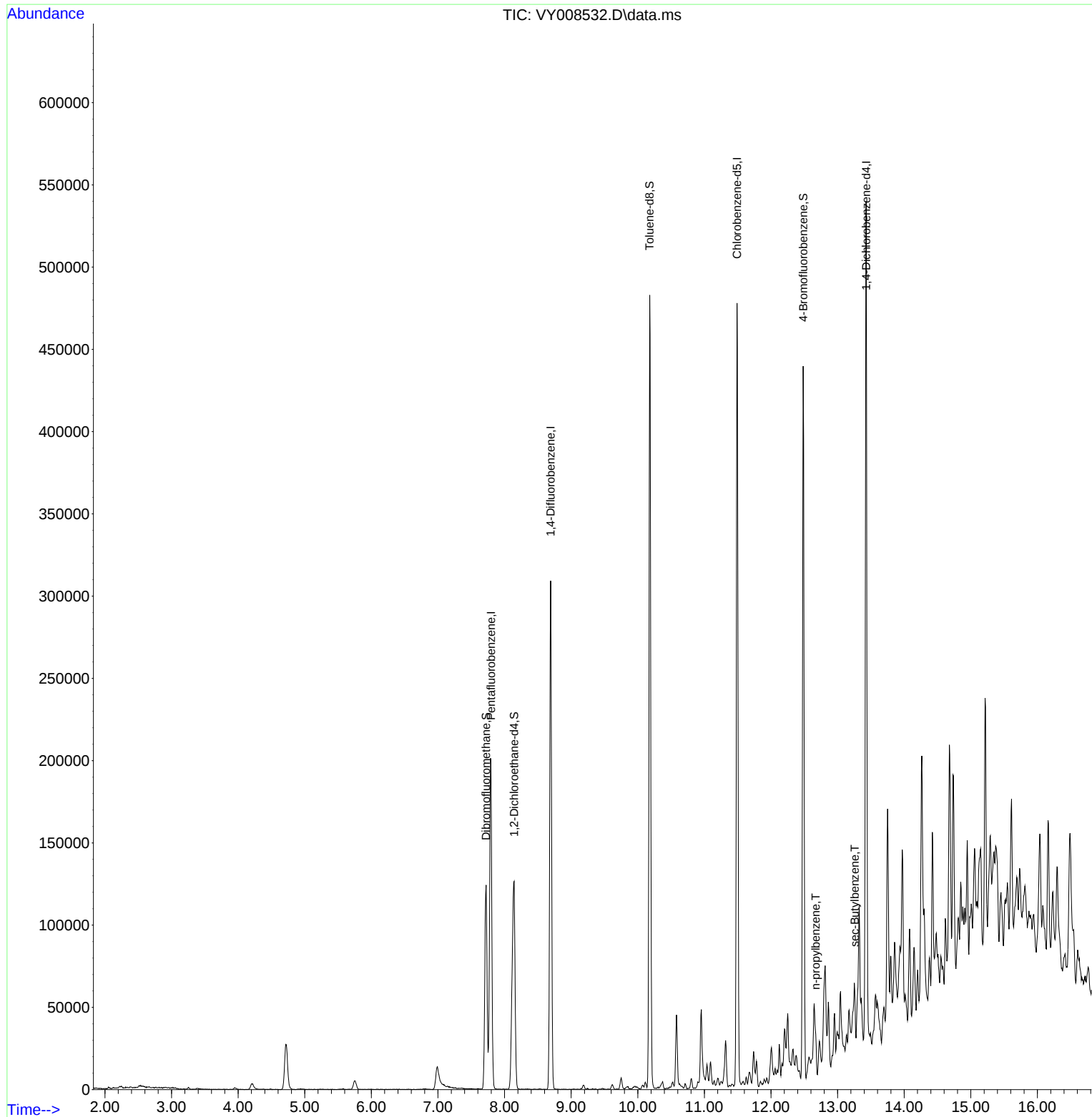
Internal Standards						
1) Pentafluorobenzene	7.795	168	171802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	286019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76387	37.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.580%
35) Dibromofluoromethane	7.722	113	89037	48.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.460%
50) Toluene-d8	10.179	98	328893	44.939	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.880%
62) 4-Bromofluorobenzene	12.483	95	126014	50.697	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.400%
Target Compounds						
					Qvalue	
78) n-propylbenzene	12.672	91	17265	1.362	ug/l	98
85) sec-Butylbenzene	13.258	105	14348	1.249	ug/l #	73

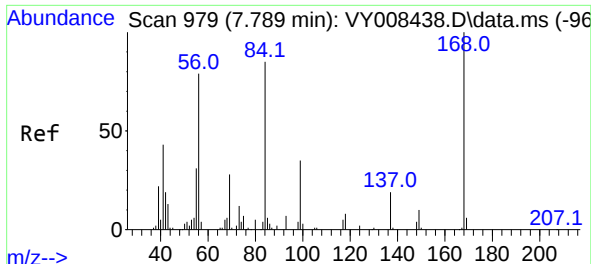
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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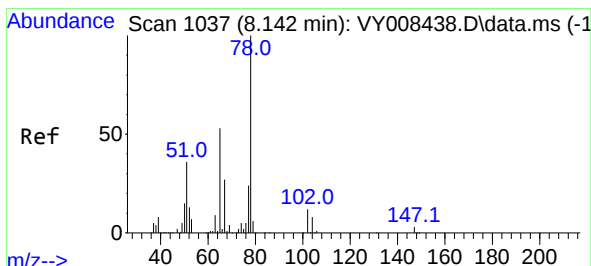
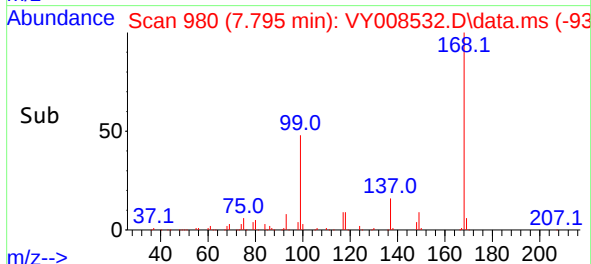
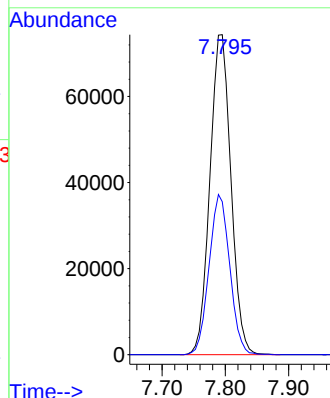
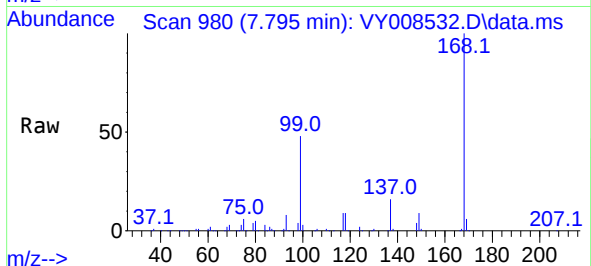




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008532.D
Acq: 27 Apr 2022 17:08

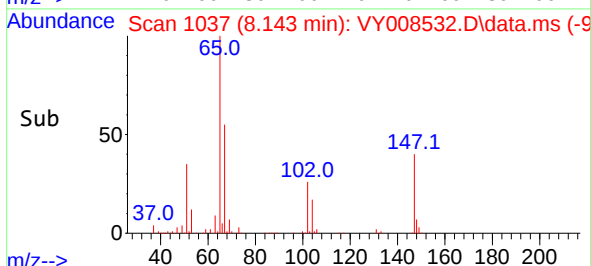
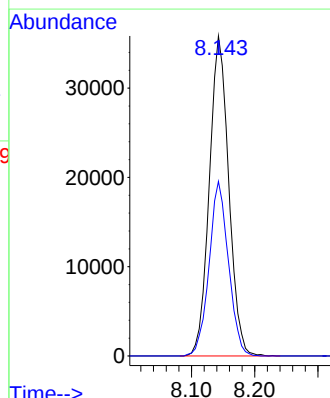
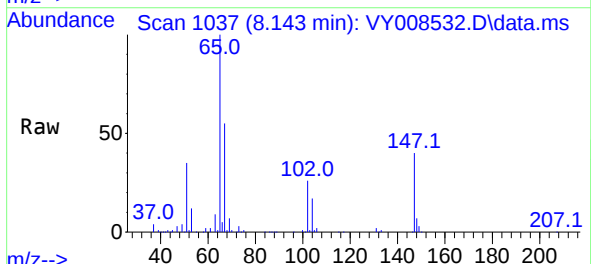
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

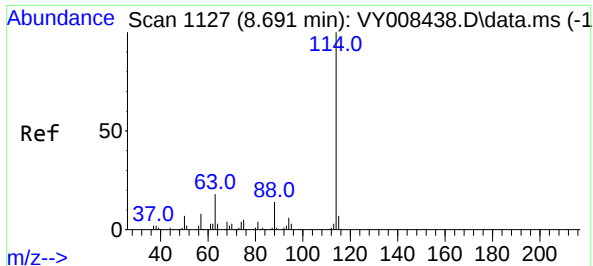
Tgt Ion:168 Resp: 171802
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 37.788 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008532.D
Acq: 27 Apr 2022 17:08

Tgt Ion: 65 Resp: 76387
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4

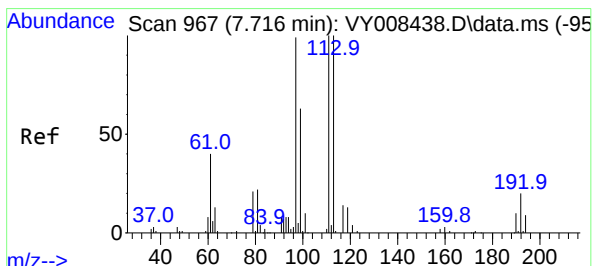
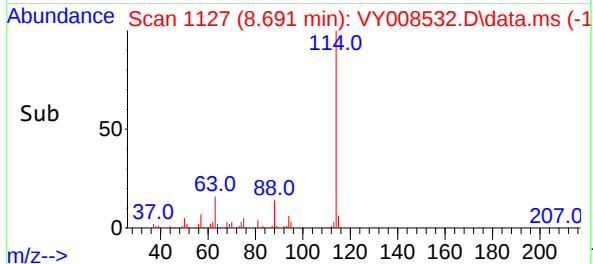
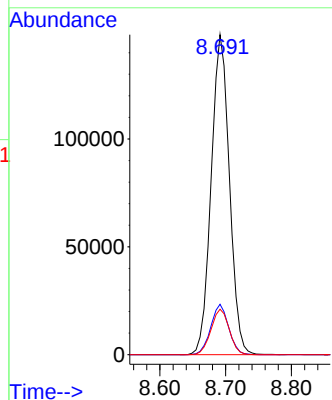
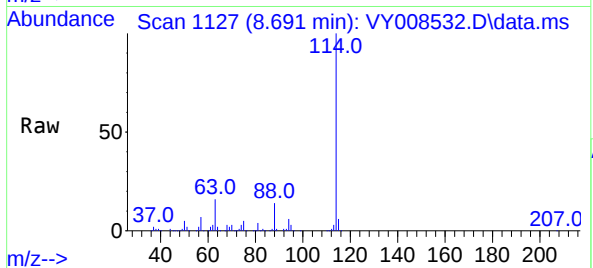




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008532.D
Acq: 27 Apr 2022 17:08

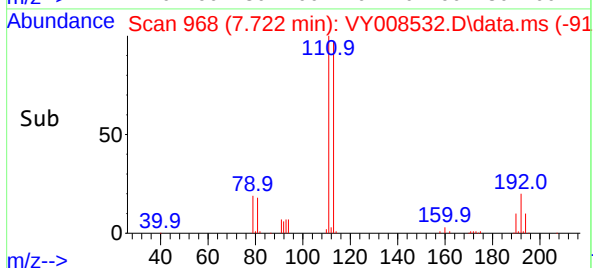
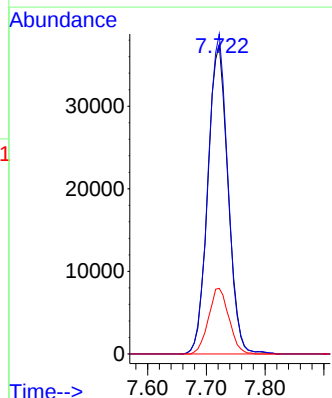
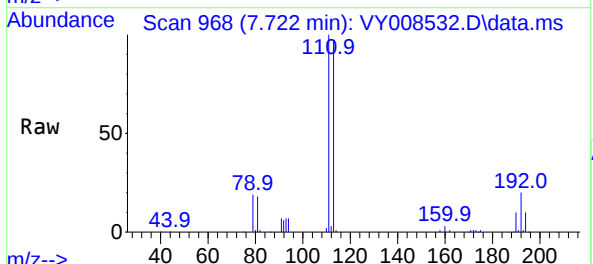
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

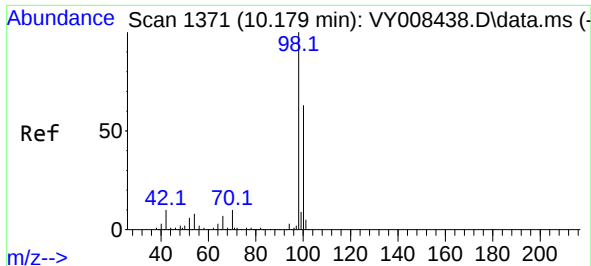
Tgt Ion:114 Resp: 286019
Ion Ratio Lower Upper
114 100
63 15.7 0.0 43.2
88 14.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.235 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008532.D
Acq: 27 Apr 2022 17:08

Tgt Ion:113 Resp: 89037
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 21.5 17.6 26.4

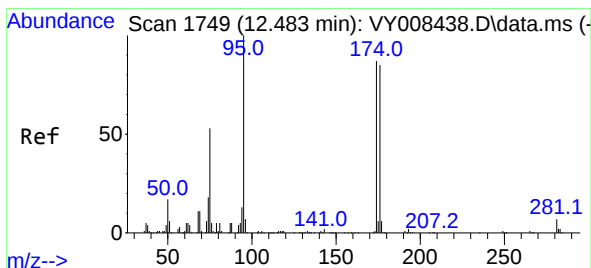
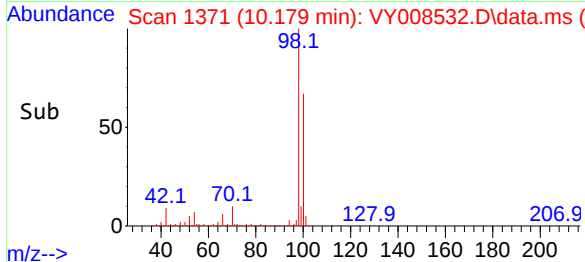
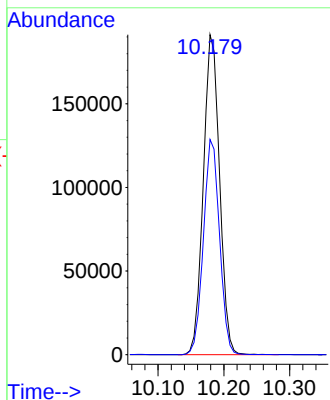
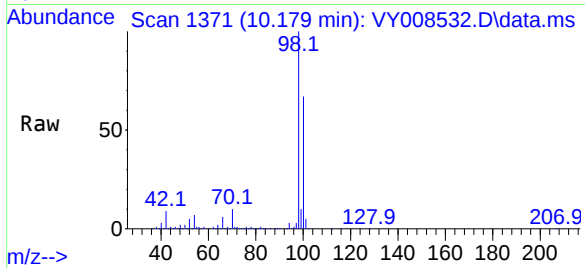




#50
Toluene-d8
Concen: 44.939 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008532.D
Acq: 27 Apr 2022 17:08

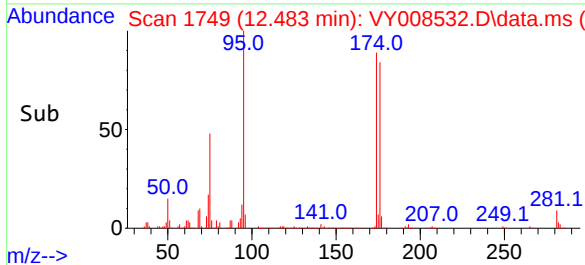
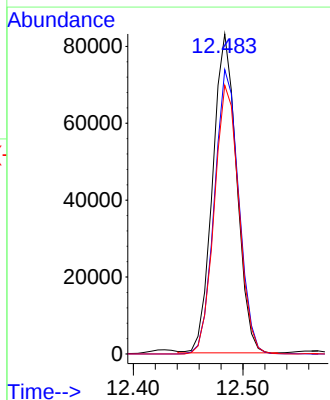
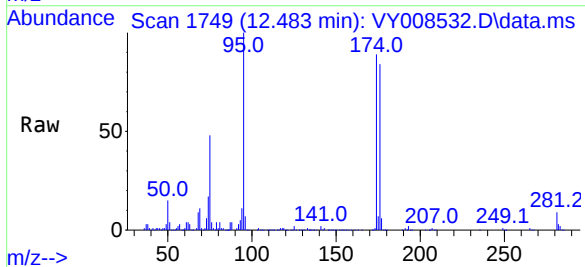
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

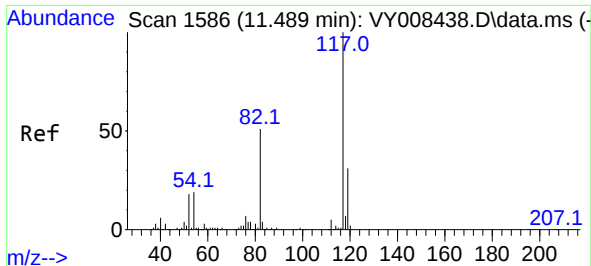
Tgt Ion: 98 Resp: 328893
Ion Ratio Lower Upper
98 100
100 66.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.697 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008532.D
Acq: 27 Apr 2022 17:08

Tgt Ion: 95 Resp: 126014
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 86.2 0.0 175.8

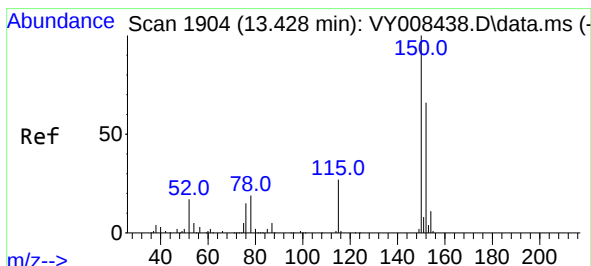
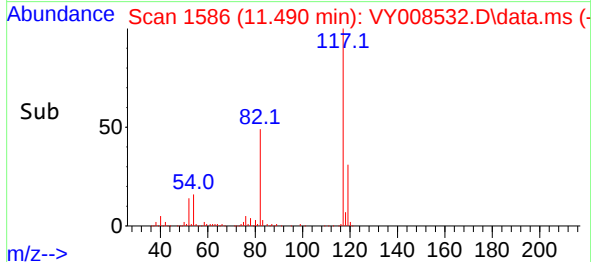
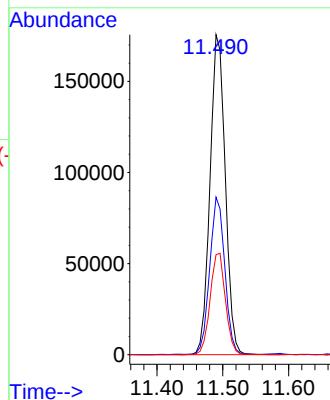
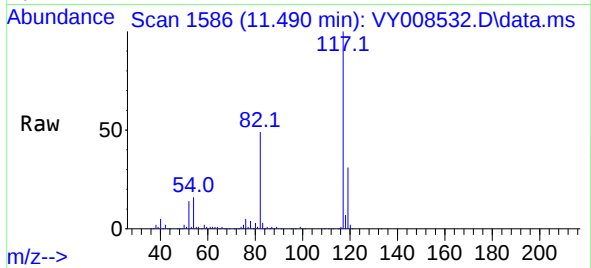




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008532.D
Acq: 27 Apr 2022 17:08

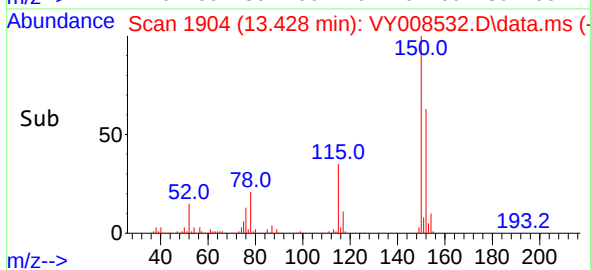
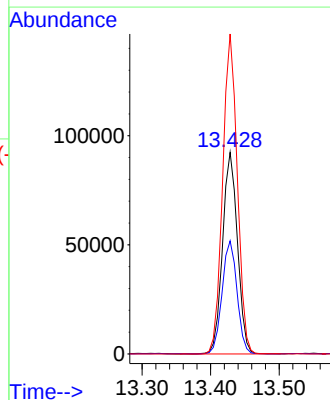
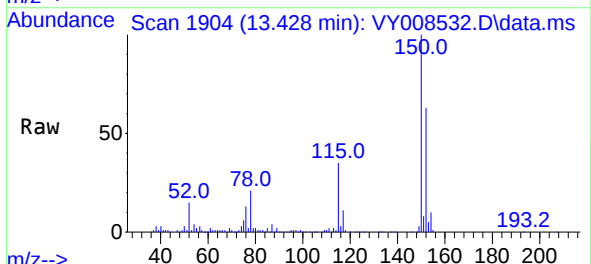
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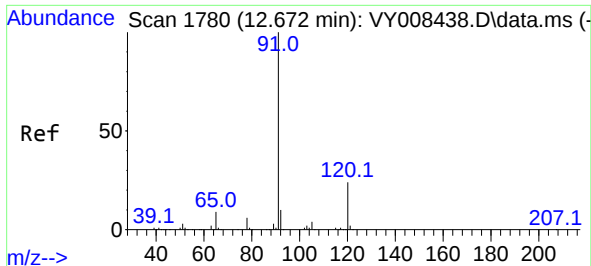
Tgt Ion:117 Resp: 283673
Ion Ratio Lower Upper
117 100
82 49.0 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008532.D
Acq: 27 Apr 2022 17:08

Tgt Ion:152 Resp: 139375
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 155.6 0.0 347.6

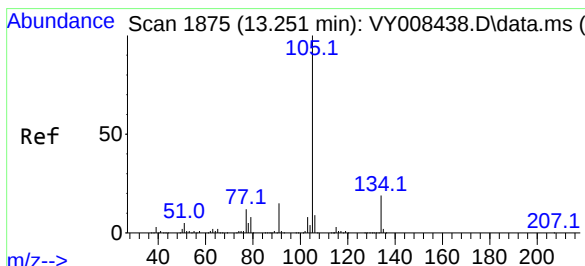
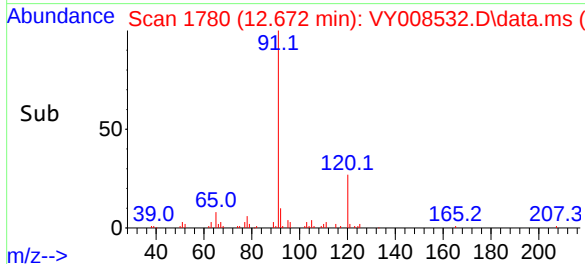
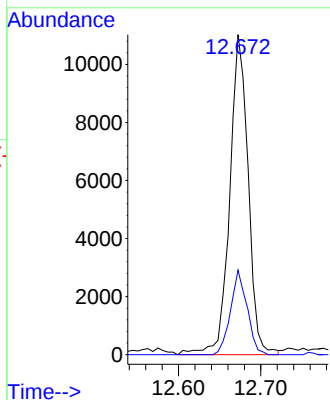
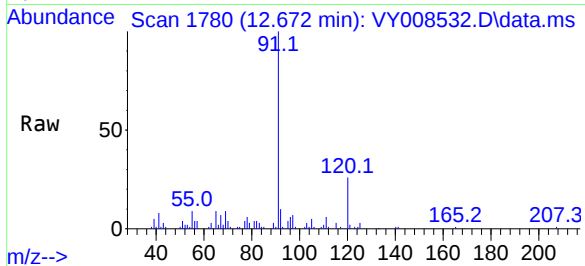




#78
n-propylbenzene
Concen: 1.362 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008532.D
Acq: 27 Apr 2022 17:08

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 17265
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.9



#85
sec-Butylbenzene
Concen: 1.249 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.007 min
Lab File: VY008532.D
Acq: 27 Apr 2022 17:08

Tgt Ion: 105 Resp: 14348
Ion Ratio Lower Upper
105 100
134 32.6 10.2 30.4#

