

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008528.D
 Acq On : 27 Apr 2022 15:34
 Operator : KP/MD
 Sample : N2577-04
 Misc : 7.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-06-(25-30)

Quant Time: Apr 28 01:33:00 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)

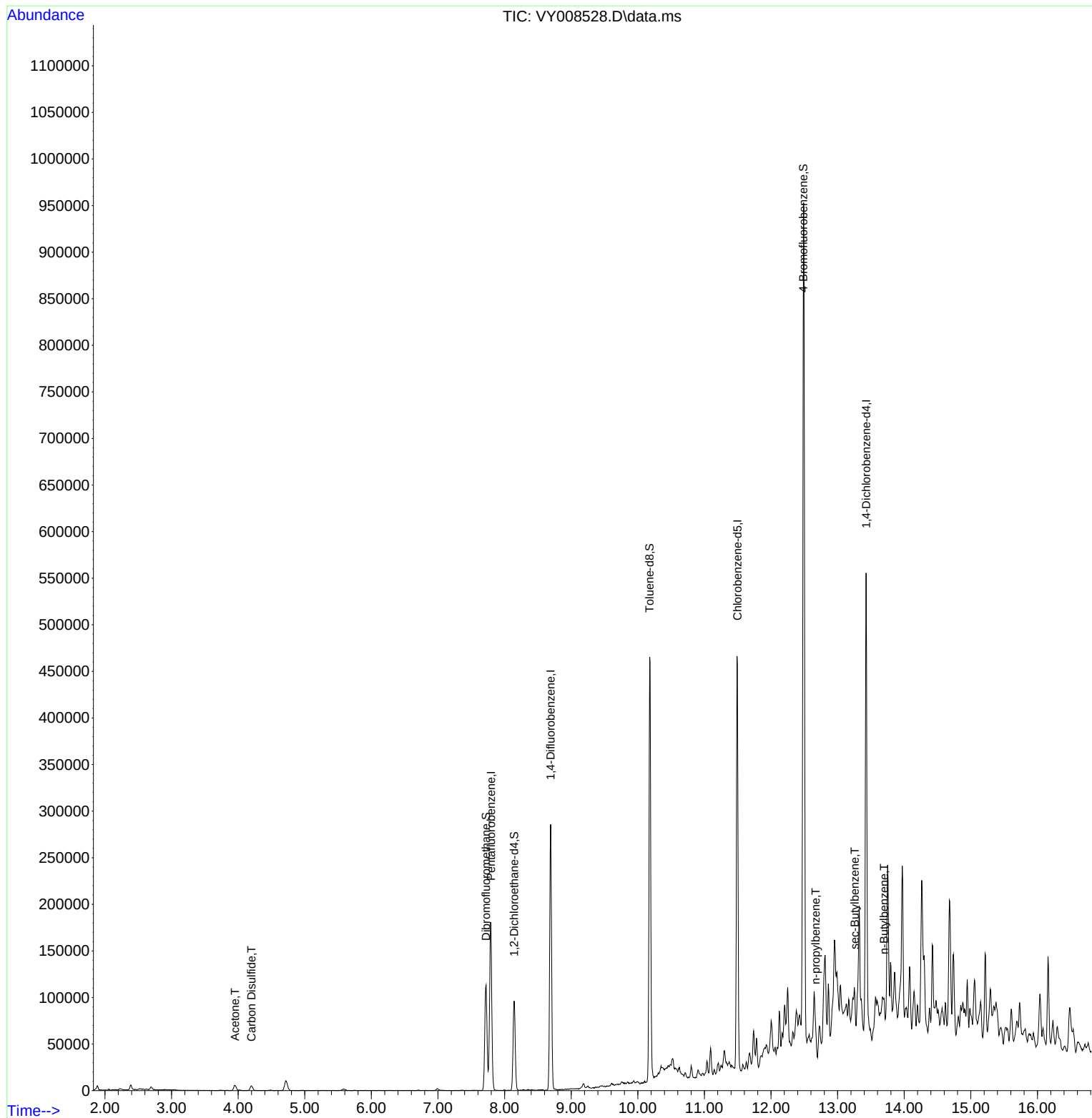
Internal Standards						
1) Pentafluorobenzene	7.795	168	147572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	262524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	264817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74234	42.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.500%
35) Dibromofluoromethane	7.722	113	83093	49.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.080%
50) Toluene-d8	10.179	98	315067	46.808	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.620%
62) 4-Bromofluorobenzene	12.483	95	121287	53.163	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.320%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	10294	25.453	ug/l	95
17) Carbon Disulfide	4.198	76	10733	2.225	ug/l #	94
78) n-propylbenzene	12.672	91	18031	1.476	ug/l	97
85) sec-Butylbenzene	13.257	105	18422	1.664	ug/l #	70
89) n-Butylbenzene	13.696	91	9413	1.118	ug/l #	85

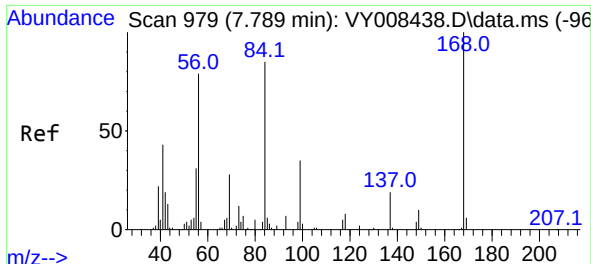
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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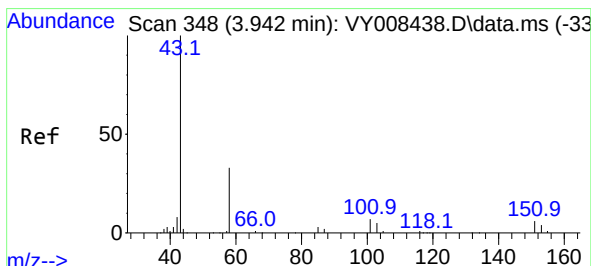
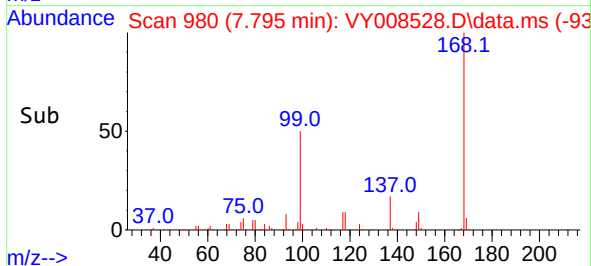
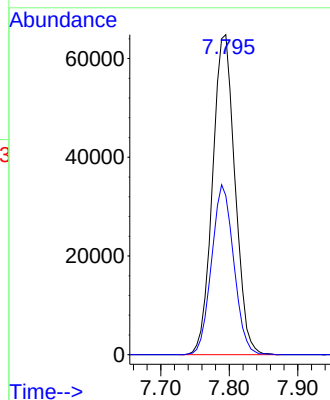
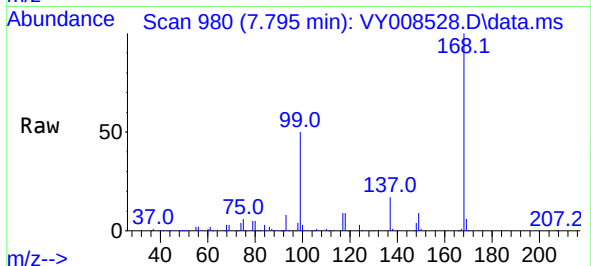




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008528.D
Acq: 27 Apr 2022 15:34

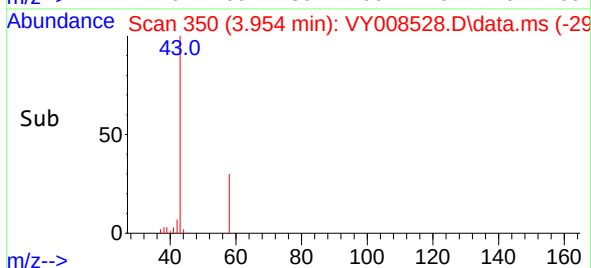
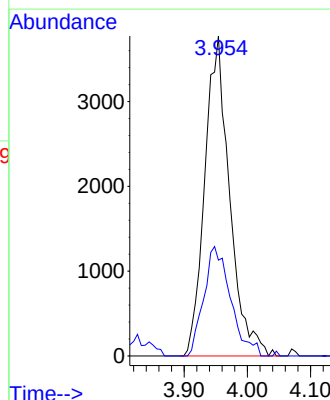
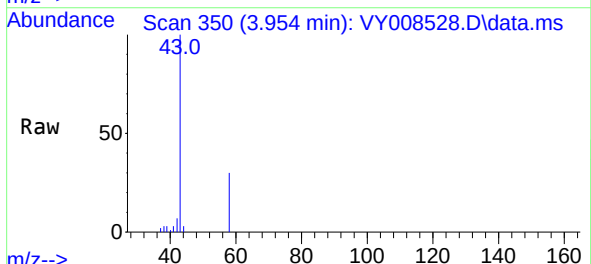
Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(25-30)

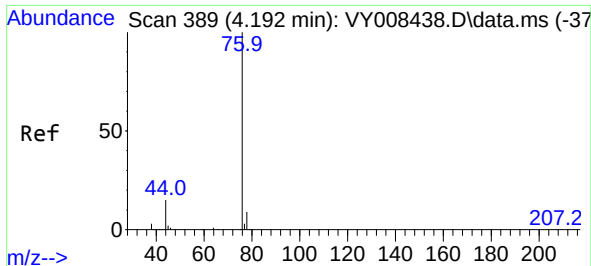
Tgt Ion:168 Resp: 147572
Ion Ratio Lower Upper
168 100
99 49.7 46.9 70.3



#16
Acetone
Concen: 25.453 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008528.D
Acq: 27 Apr 2022 15:34

Tgt Ion: 43 Resp: 10294
Ion Ratio Lower Upper
43 100
58 29.9 22.0 33.0

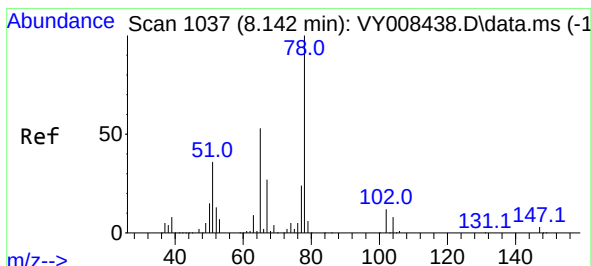
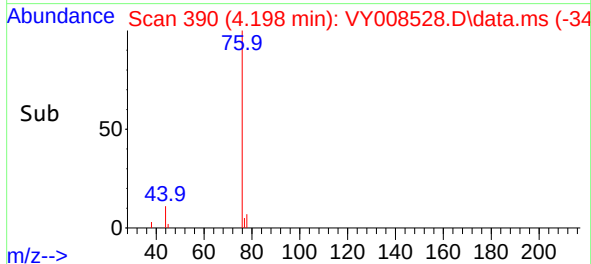
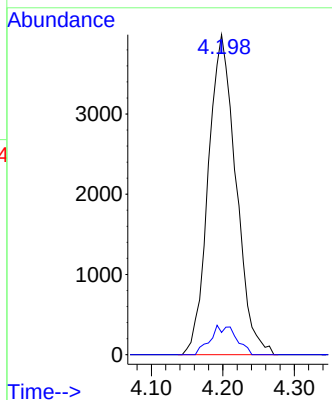
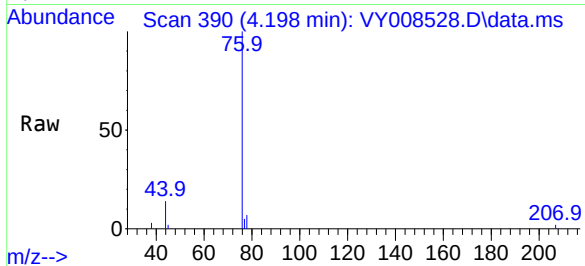




#17
Carbon Disulfide
Concen: 2.225 ug/l
RT: 4.198 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008528.D
Acq: 27 Apr 2022 15:34

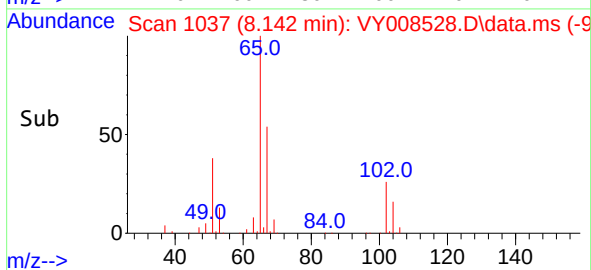
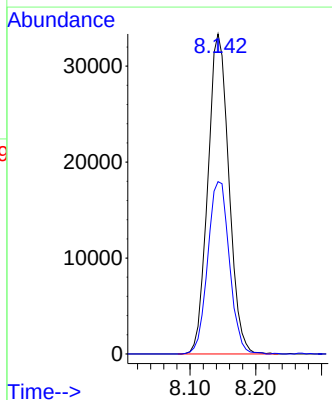
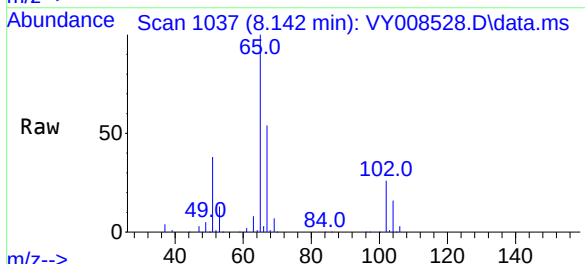
Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(25-30)

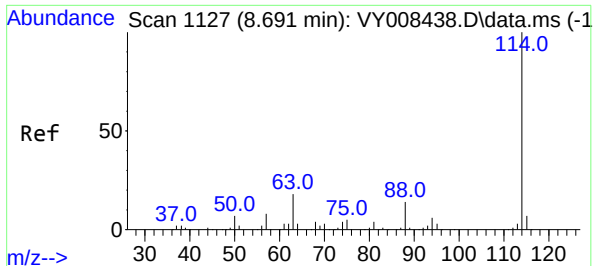
Tgt Ion: 76 Resp: 10733
Ion Ratio Lower Upper
76 100
78 6.9 7.4 11.0#



#33
1,2-Dichloroethane-d4
Concen: 42.752 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008528.D
Acq: 27 Apr 2022 15:34

Tgt Ion: 65 Resp: 74234
Ion Ratio Lower Upper
65 100
67 55.5 0.0 99.4

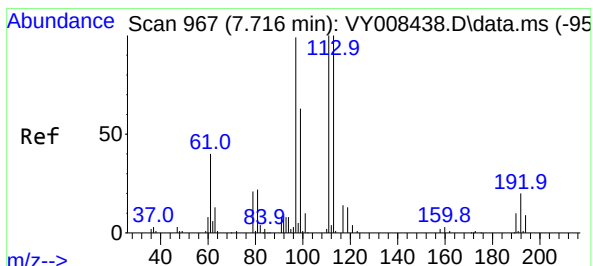
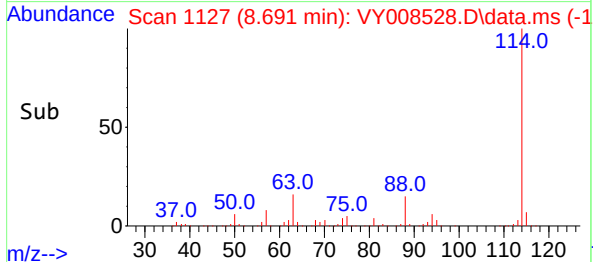
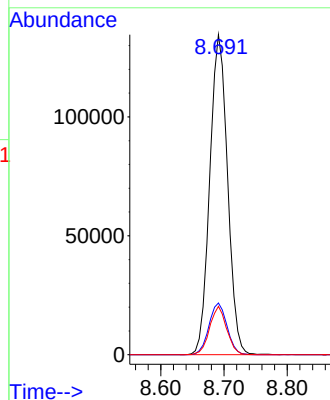
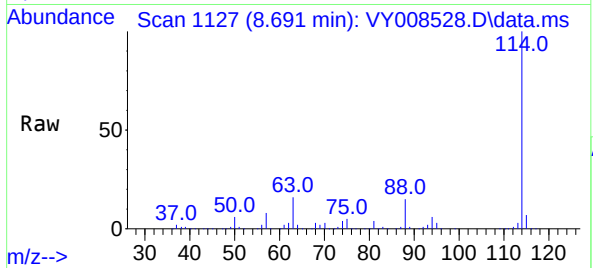




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008528.D
Acq: 27 Apr 2022 15:34

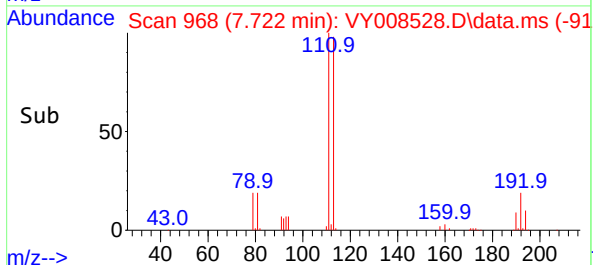
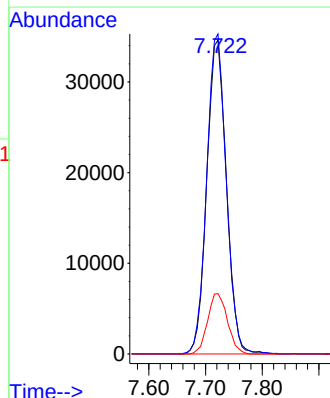
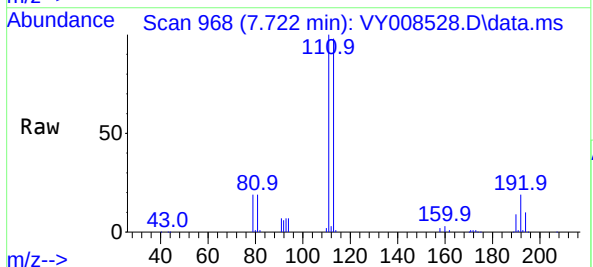
Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(25-30)

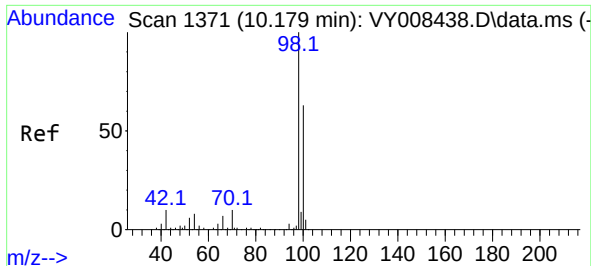
Tgt Ion:114 Resp: 262524
Ion Ratio Lower Upper
114 100
63 16.2 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.043 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008528.D
Acq: 27 Apr 2022 15:34

Tgt Ion:113 Resp: 83093
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 19.4 17.6 26.4

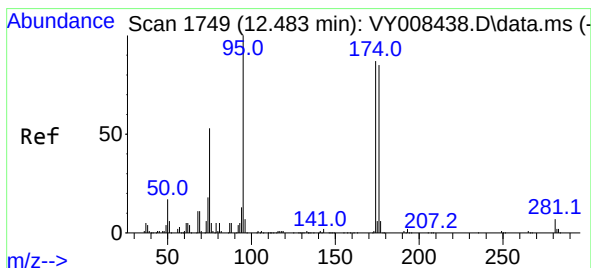
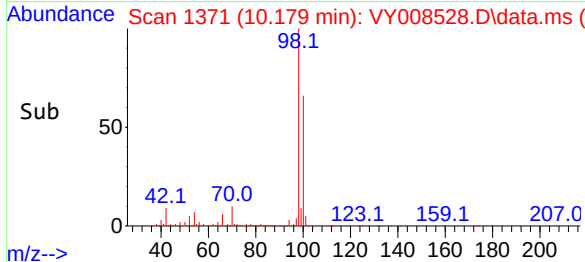
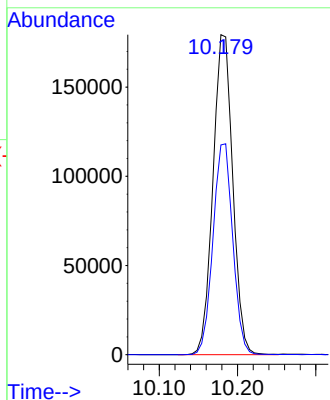
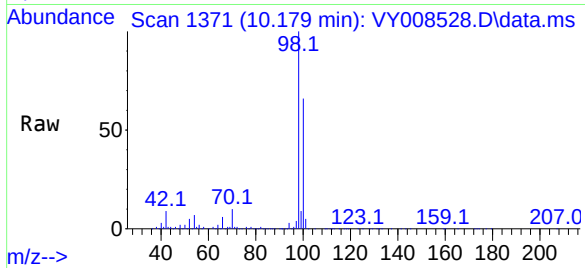




#50
Toluene-d8
Concen: 46.808 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008528.D
Acq: 27 Apr 2022 15:34

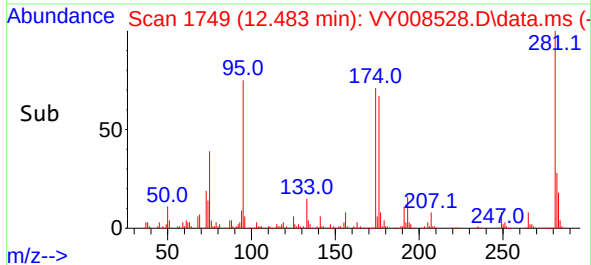
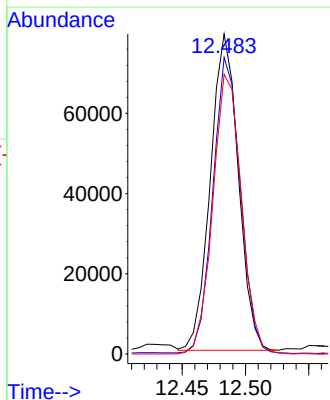
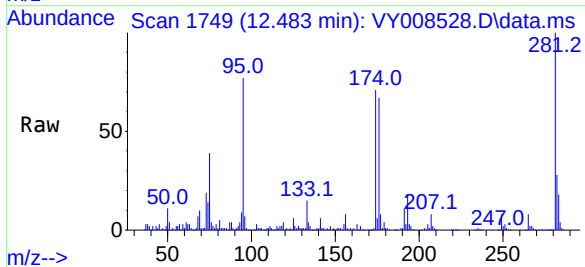
Instrument :
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GT-06-(25-30)

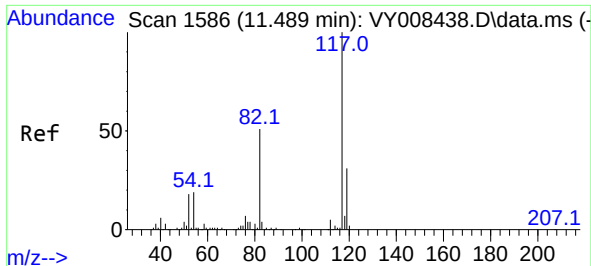
Tgt Ion: 98 Resp: 315067
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.163 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008528.D
Acq: 27 Apr 2022 15:34

Tgt Ion: 95 Resp: 121287
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 90.1 0.0 175.8

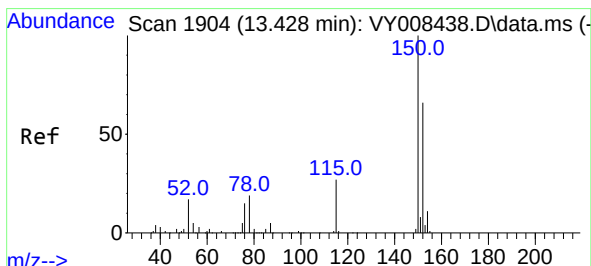
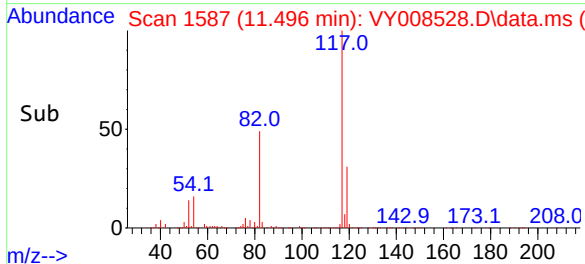
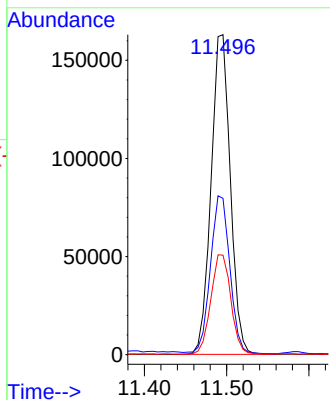
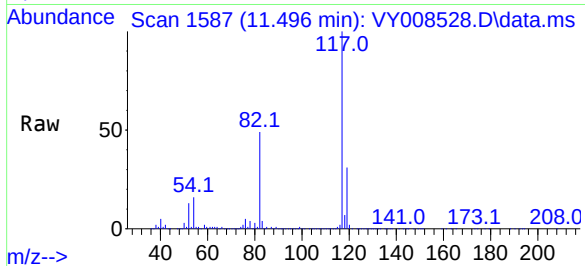




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY008528.D
Acq: 27 Apr 2022 15:34

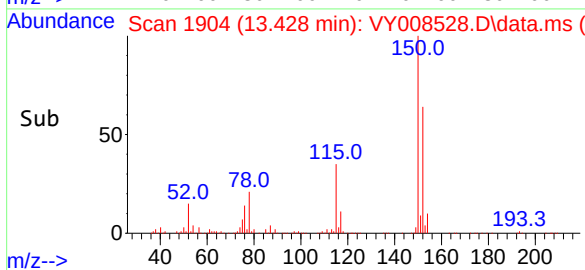
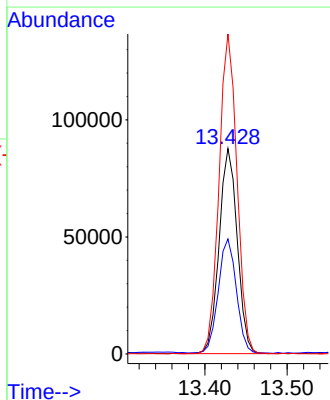
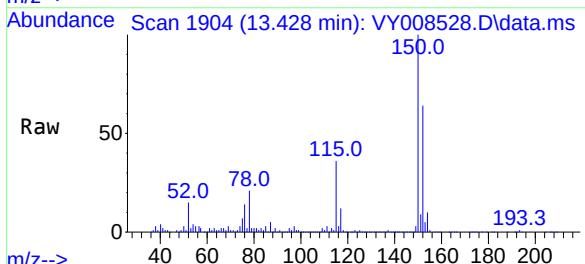
Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(25-30)

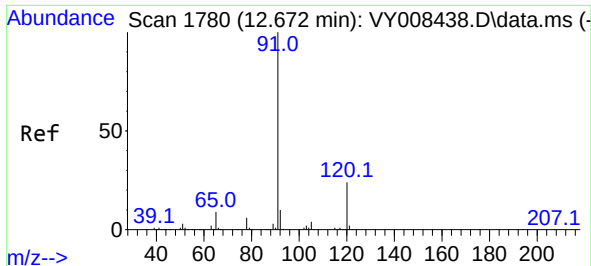
Tgt Ion:117 Resp: 264817
Ion Ratio Lower Upper
117 100
82 48.6 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008528.D
Acq: 27 Apr 2022 15:34

Tgt Ion:152 Resp: 134302
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 154.2 0.0 347.6

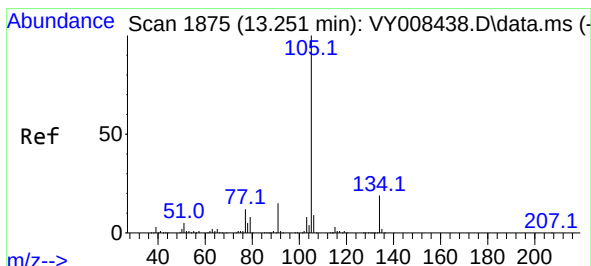
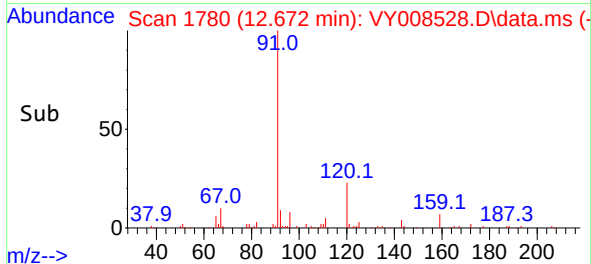
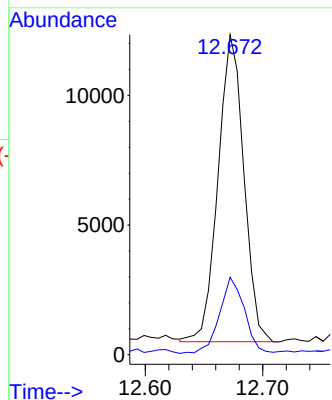
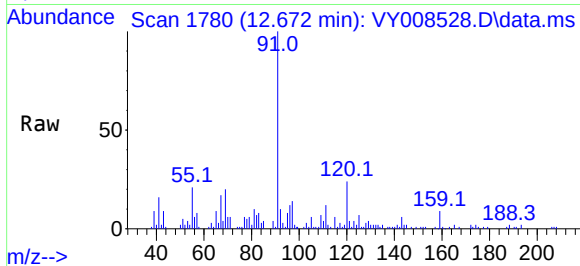




#78
n-propylbenzene
Concen: 1.476 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008528.D
Acq: 27 Apr 2022 15:34

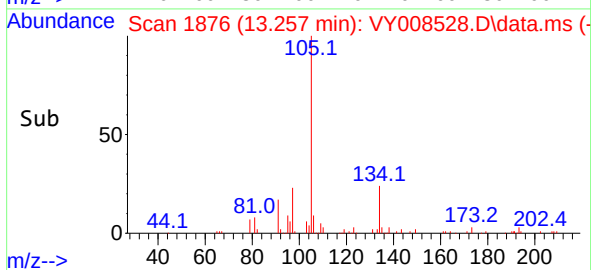
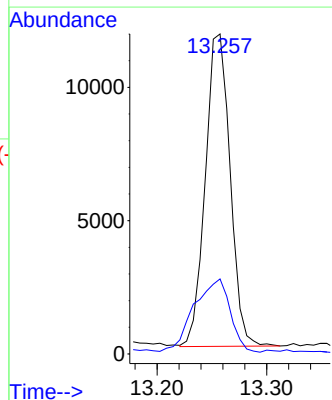
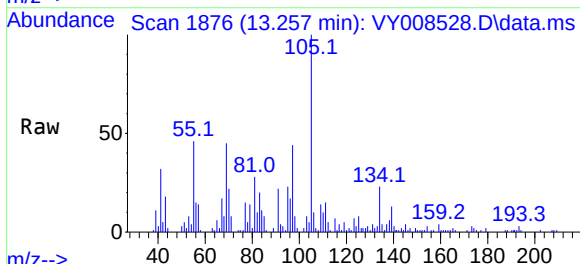
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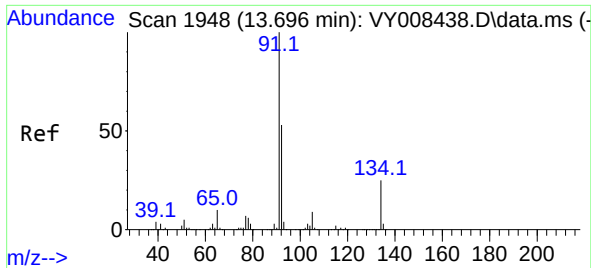
Tgt Ion: 91 Resp: 18031
Ion Ratio Lower Upper
91 100
120 23.9 11.3 33.9



#85
sec-Butylbenzene
Concen: 1.664 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY008528.D
Acq: 27 Apr 2022 15:34

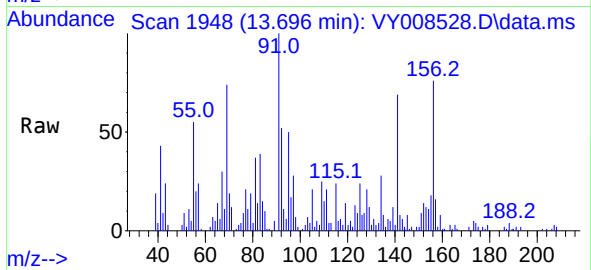
Tgt Ion: 105 Resp: 18422
Ion Ratio Lower Upper
105 100
134 34.2 10.2 30.4#





#89
 n-Butylbenzene
 Concen: 1.118 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY008528.D
 Acq: 27 Apr 2022 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-06-(25-30)



Tgt Ion: 91 Resp: 9413

Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.3	78.9
134	47.7	13.0	38.9

