

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008484.D
 Acq On : 25 Apr 2022 16:04
 Operator : KP/MD
 Sample : N2548-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-8D

Quant Time: Apr 26 01:57:07 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)

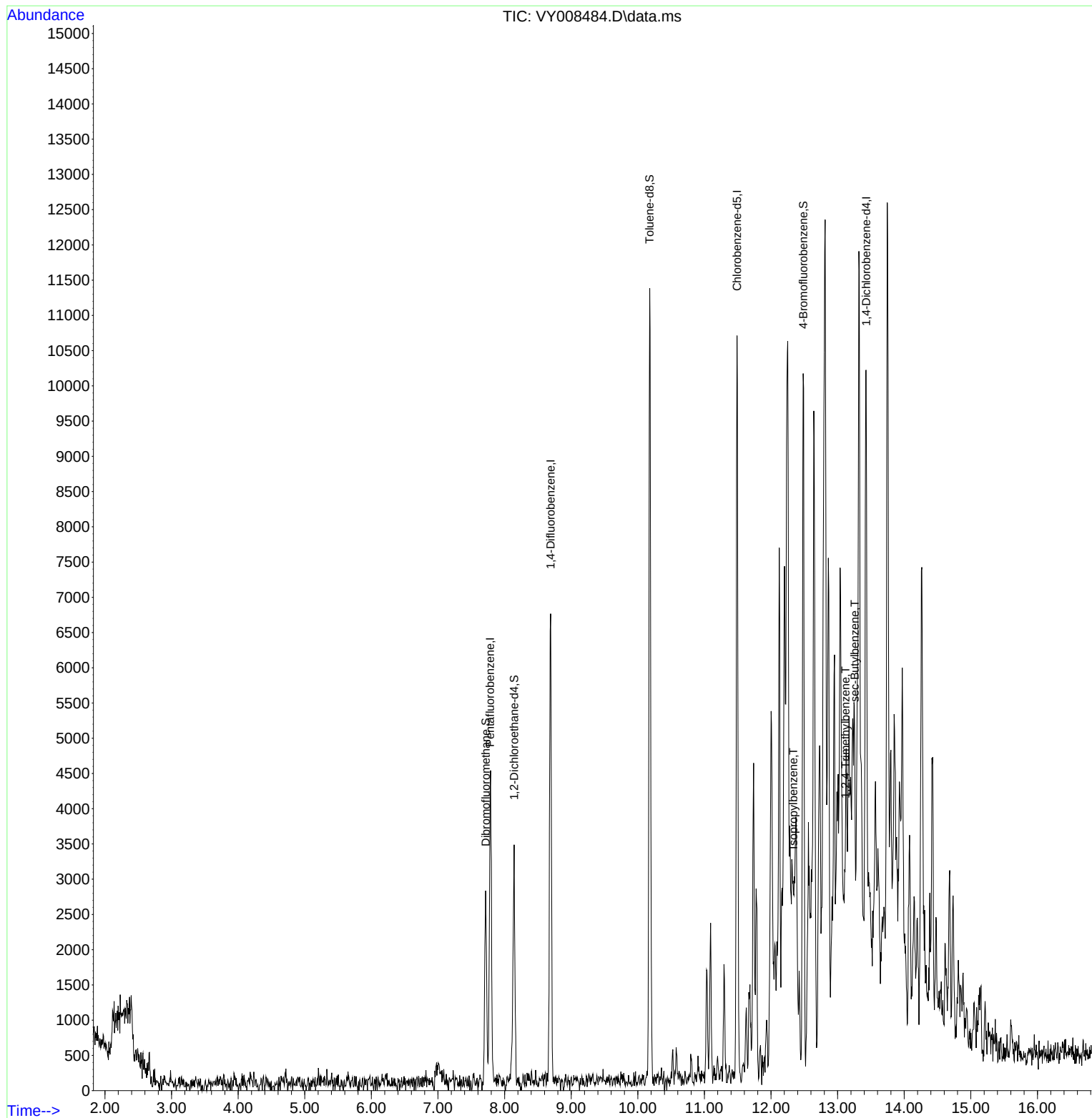
Internal Standards						
1) Pentafluorobenzene	7.783	168	4067	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	6604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2288	47.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.620%
35) Dibromofluoromethane	7.716	113	1941	45.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.080%
50) Toluene-d8	10.179	98	7887	46.589	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.483	95	2737	47.690	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.380%
Target Compounds						
						Qvalue
73) Isopropylbenzene	12.337	105	464	2.459	ug/l	85
84) 1,2,4-Trimethylbenzene	13.117	105	842	5.418	ug/l	96
85) sec-Butylbenzene	13.257	105	956	4.659	ug/l	89

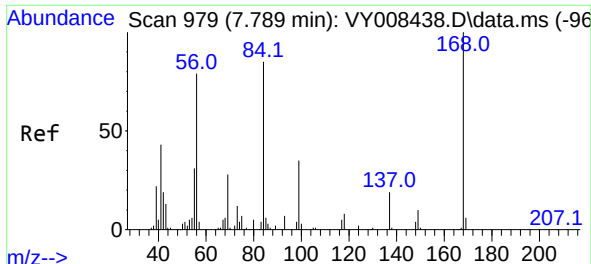
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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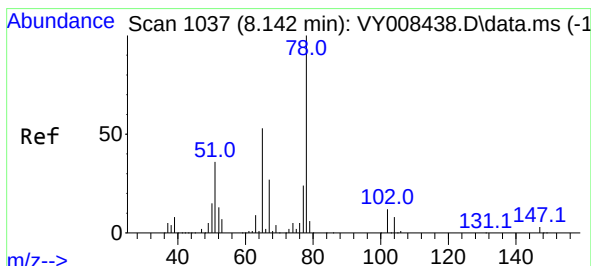
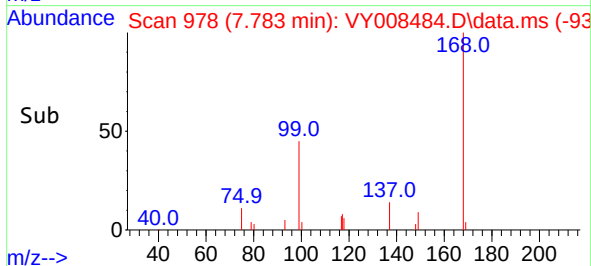
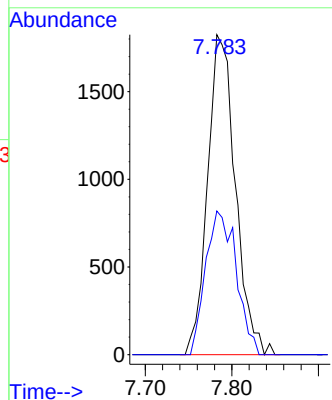
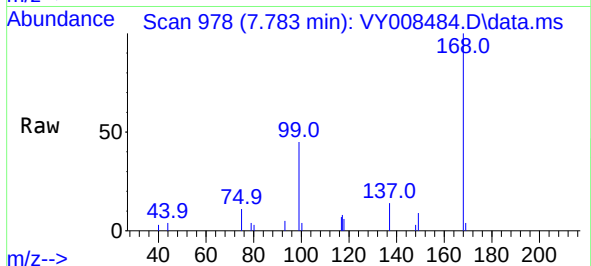




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008484.D
Acq: 25 Apr 2022 16:04

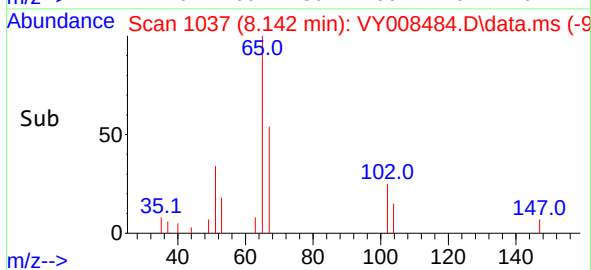
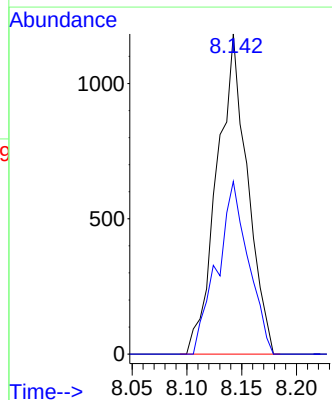
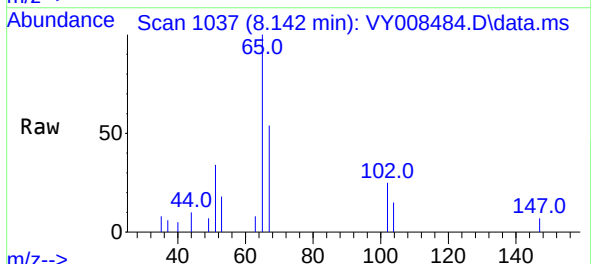
Instrument :
MSVOA_Y
ClientSampleId :
MH-8D

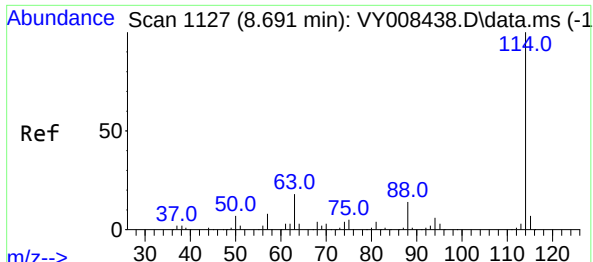
Tgt Ion:168 Resp: 4067
Ion Ratio Lower Upper
168 100
99 44.9 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 47.813 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008484.D
Acq: 25 Apr 2022 16:04

Tgt Ion: 65 Resp: 2288
Ion Ratio Lower Upper
65 100
67 55.2 0.0 99.4



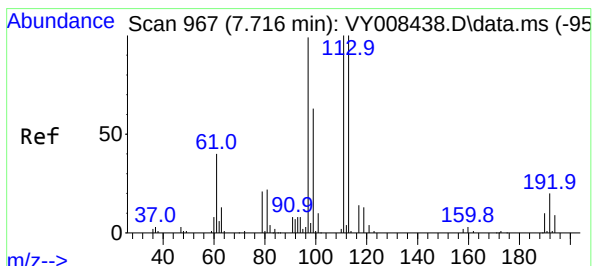
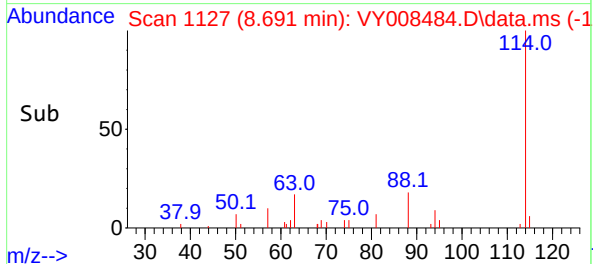
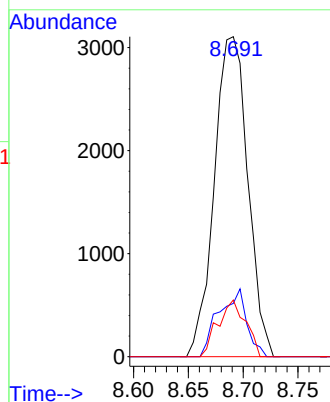
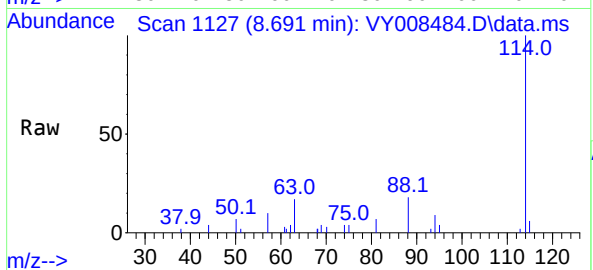


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008484.D
Acq: 25 Apr 2022 16:04

Instrument :
MSVOA_Y
ClientSampleId :
MH-8D

Tgt Ion:114 Resp: 6604

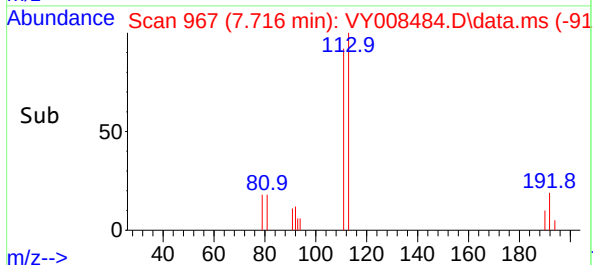
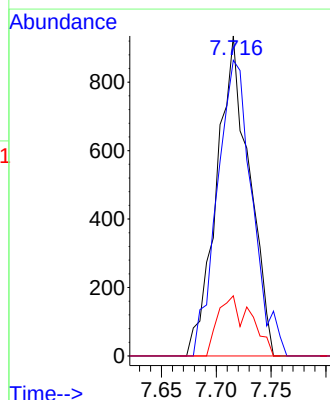
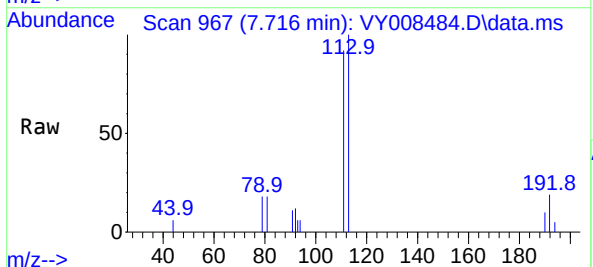
Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	43.2
88	17.7	0.0	31.8

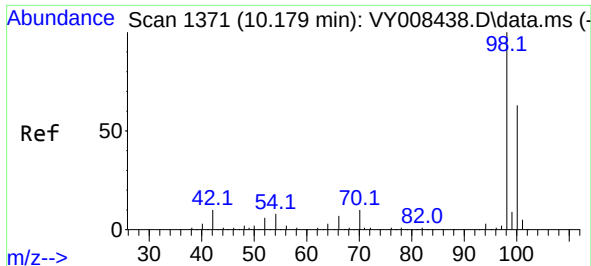


#35
Dibromofluoromethane
Concen: 45.541 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008484.D
Acq: 25 Apr 2022 16:04

Tgt Ion:113 Resp: 1941

Ion	Ratio	Lower	Upper
113	100		
111	98.6	82.6	124.0
192	18.9	17.6	26.4

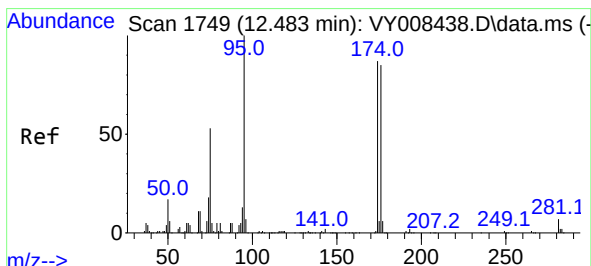
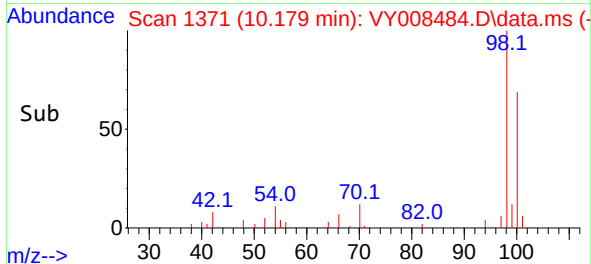
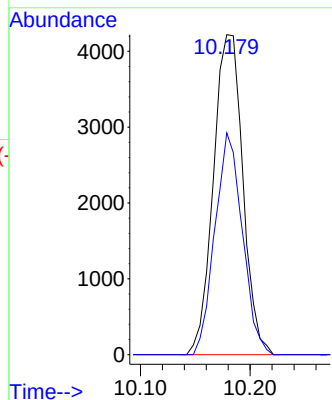
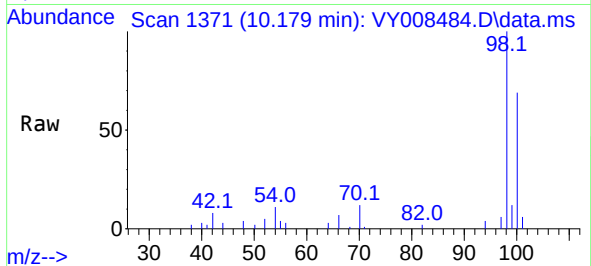




#50
Toluene-d8
Concen: 46.589 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008484.D
Acq: 25 Apr 2022 16:04

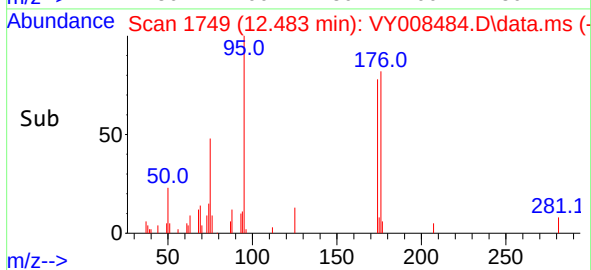
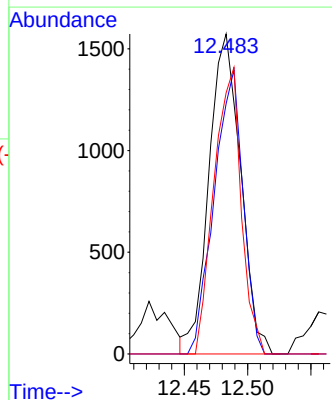
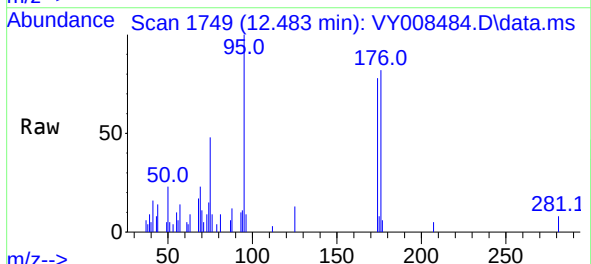
Instrument :
MSVOA_Y
ClientSampleId :
MH-8D

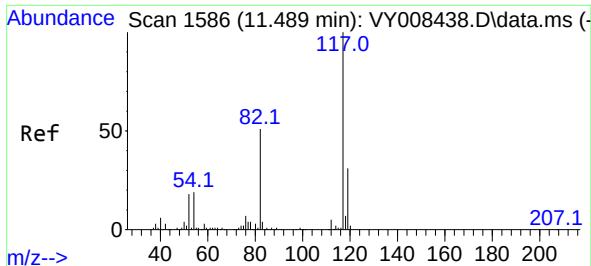
Tgt Ion: 98 Resp: 7887
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.690 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008484.D
Acq: 25 Apr 2022 16:04

Tgt Ion: 95 Resp: 2737
Ion Ratio Lower Upper
95 100
174 80.9 0.0 177.0
176 77.0 0.0 175.8

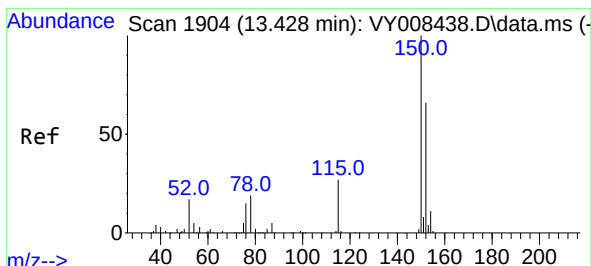
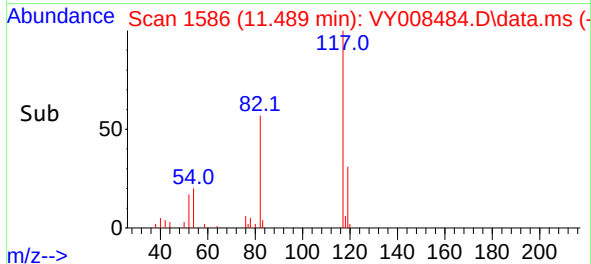
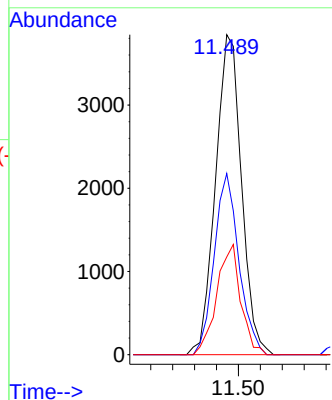
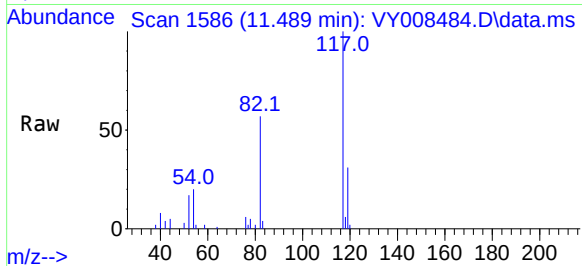




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008484.D
Acq: 25 Apr 2022 16:04

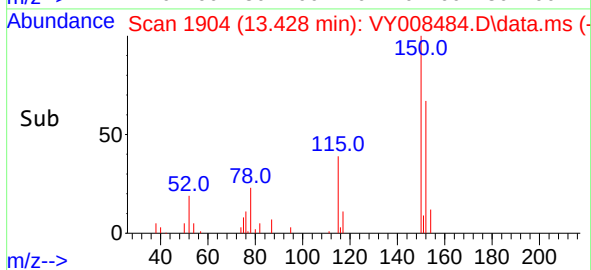
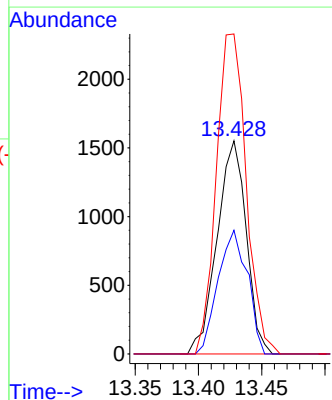
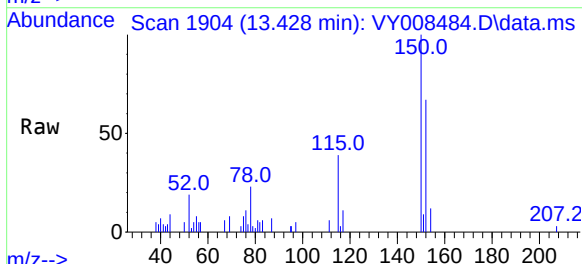
Instrument :
MSVOA_Y
ClientSampleId :
MH-8D

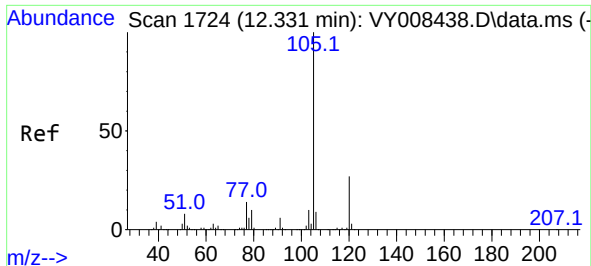
Tgt Ion:	117	Resp:	6323
Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.0	64.4
119	30.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008484.D
Acq: 25 Apr 2022 16:04

Tgt Ion:	152	Resp:	2489
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	153.6	0.0	347.6

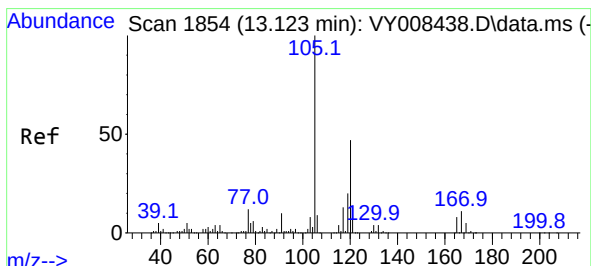
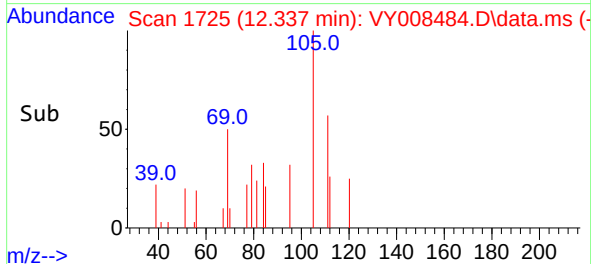
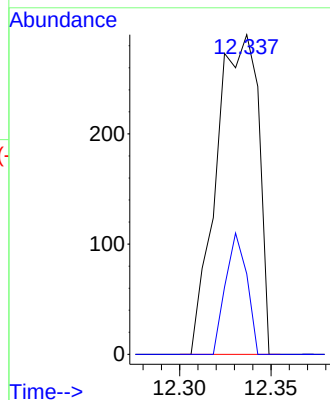
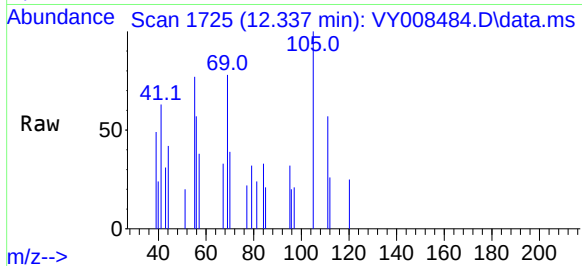




#73
Isopropylbenzene
Concen: 2.459 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008484.D
Acq: 25 Apr 2022 16:04

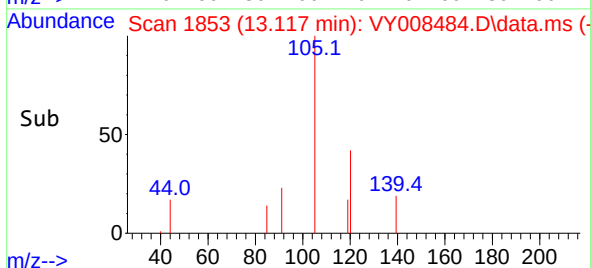
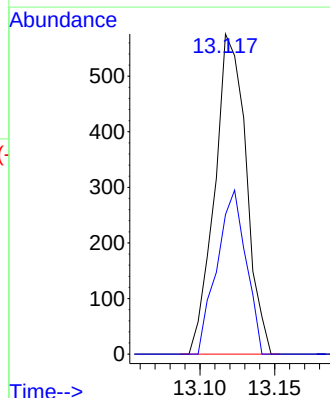
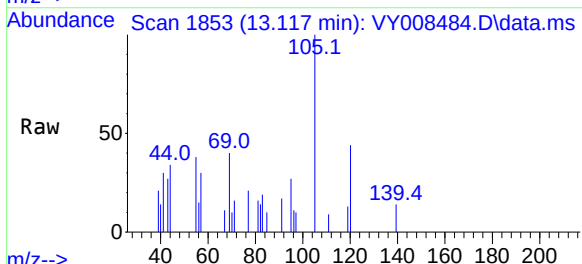
Instrument :
MSVOA_Y
ClientSampleId :
MH-8D

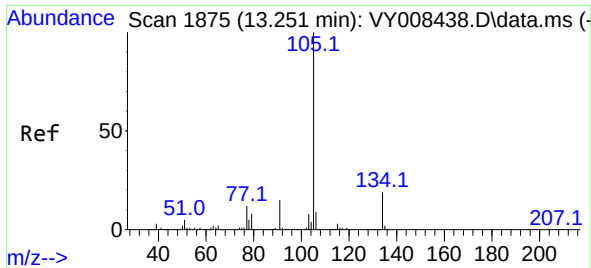
Tgt Ion:105 Resp: 464
Ion Ratio Lower Upper
105 100
120 19.2 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 5.418 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY008484.D
Acq: 25 Apr 2022 16:04

Tgt Ion:105 Resp: 842
Ion Ratio Lower Upper
105 100
120 47.3 22.3 66.9





#85
sec-Butylbenzene
Concen: 4.659 ug/l
RT: 13.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008484.D
Acq: 25 Apr 2022 16:04

Instrument :
MSVOA_Y
ClientSampleId :
MH-8D

Tgt Ion:105 Resp: 956
Ion Ratio Lower Upper
105 100
134 25.2 10.2 30.4

