

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004602.D
 Acq On : 23 Apr 2021 14:02
 Operator : SY/MD
 Sample : M2143-01
 Misc : 5.26G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-042221

Quant Time: Apr 26 10:18:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

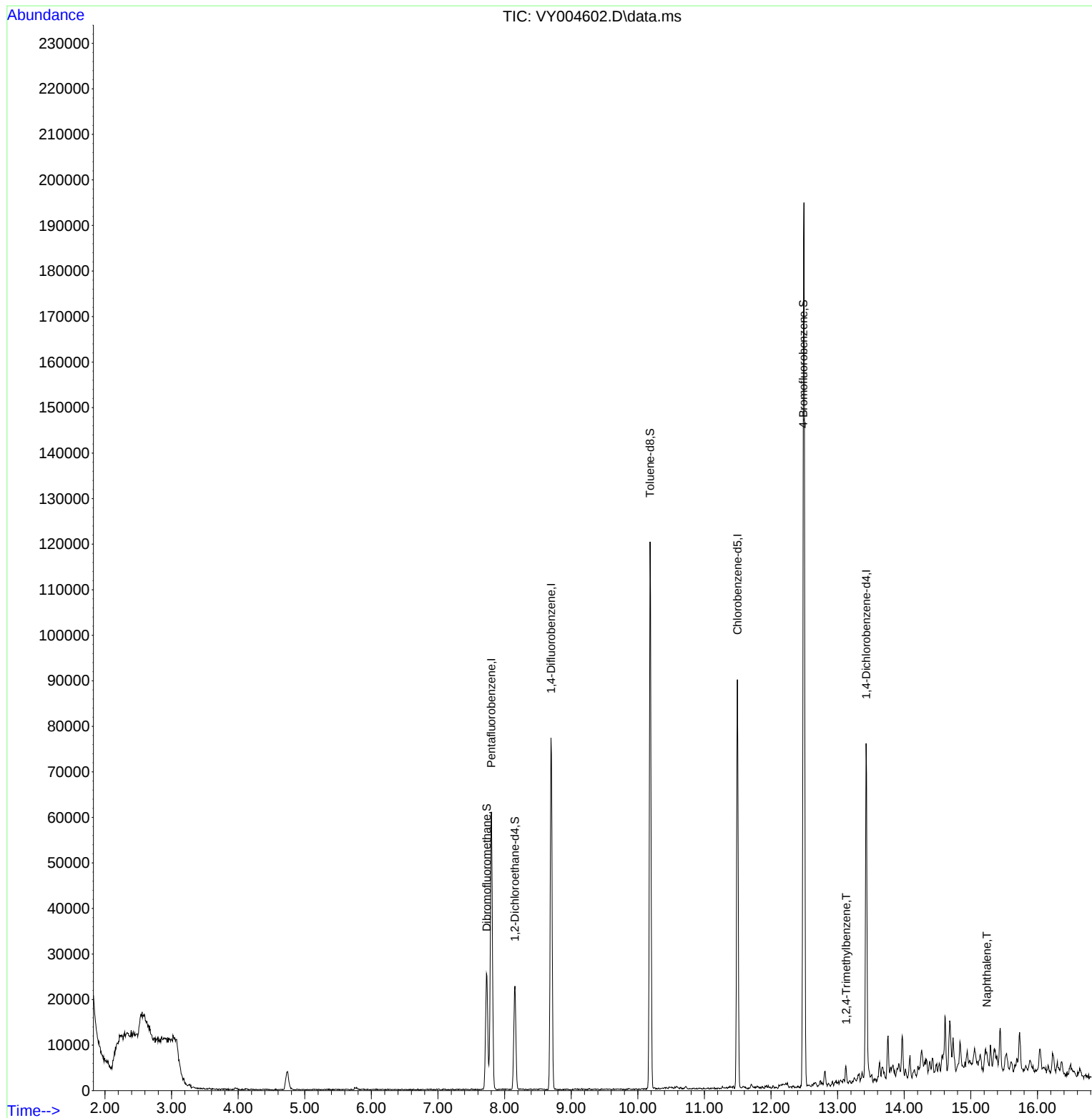
Internal Standards						
1) Pentafluorobenzene	7.801	168	44815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	62451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	44680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	17899	35.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.90%
35) Dibromofluoromethane	7.734	113	17228	49.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.42%
50) Toluene-d8	10.185	98	71919	48.79	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.58%
62) 4-Bromofluorobenzene	12.483	95	18554	37.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.18%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.129	105	2410	2.23	ug/l	92
95) Naphthalene	15.239	128	2204	3.13	ug/l	100

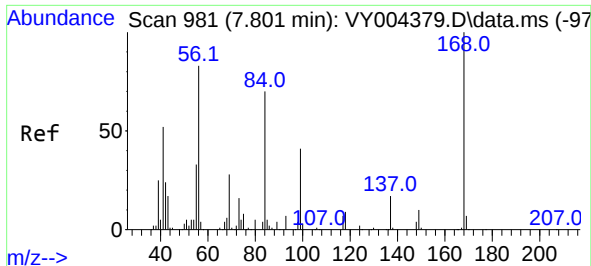
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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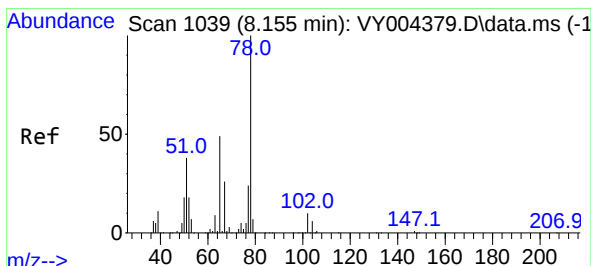
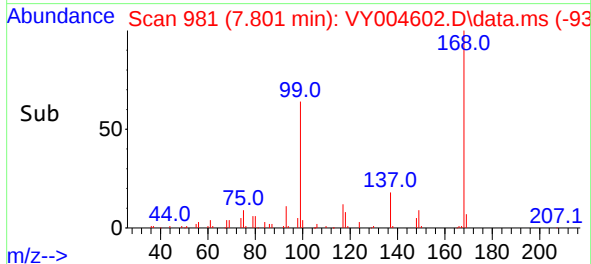
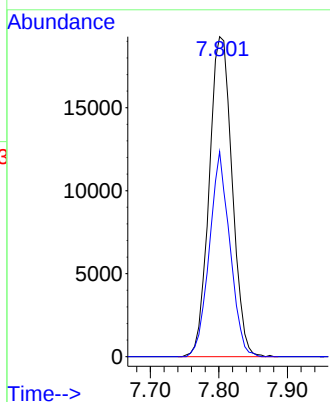
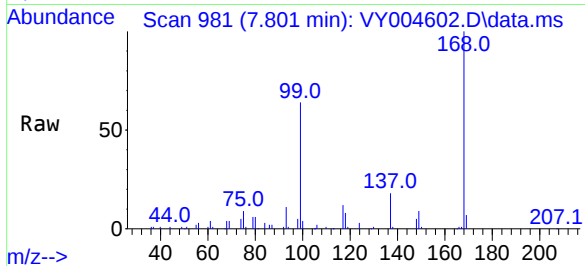




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

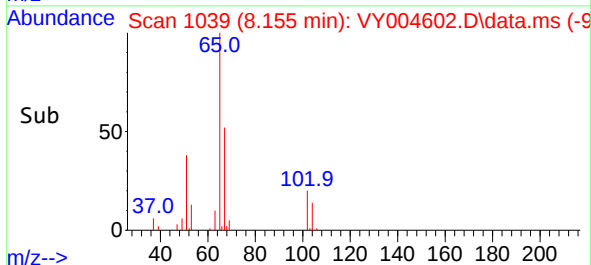
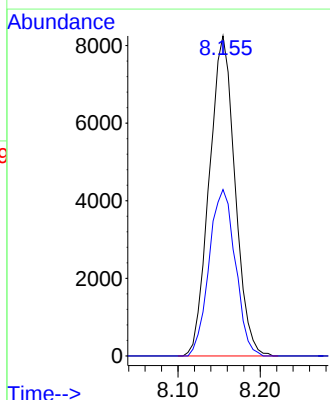
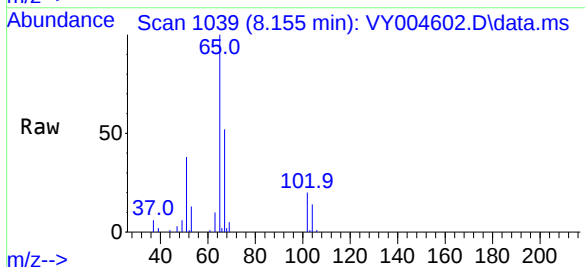
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-042221

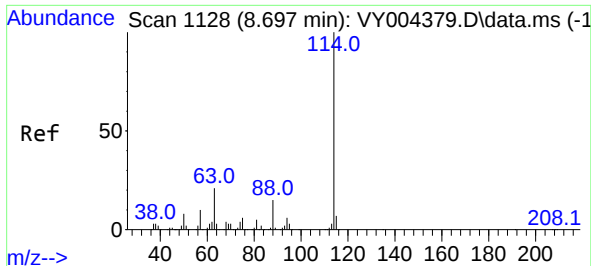
Tgt Ion:168 Resp: 44815
Ion Ratio Lower Upper
168 100
99 64.1 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 35.95 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

Tgt Ion: 65 Resp: 17899
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

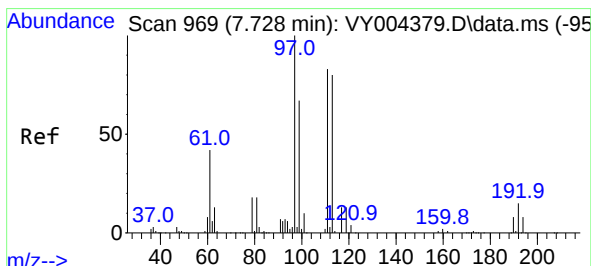
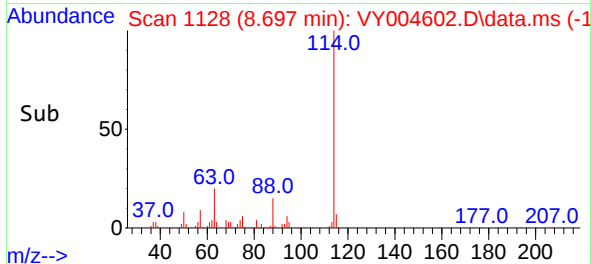
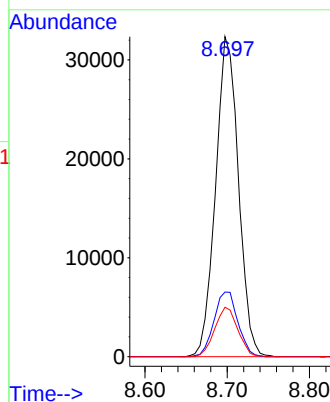
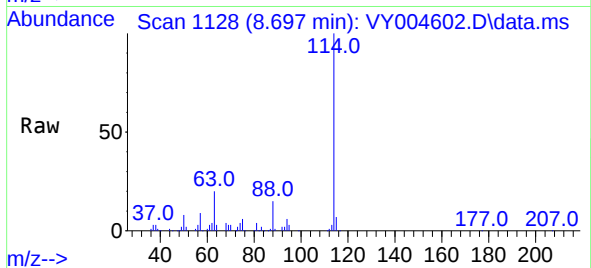
Delta R.T. 0.000 min

Lab File: VY004602.D

Acq: 23 Apr 2021 14:02

Tgt Ion:	114	Resp:	62451
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	42.4
88	15.5	0.0	30.8

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-042221



#35

Dibromofluoromethane

Concen: 49.71 ug/l

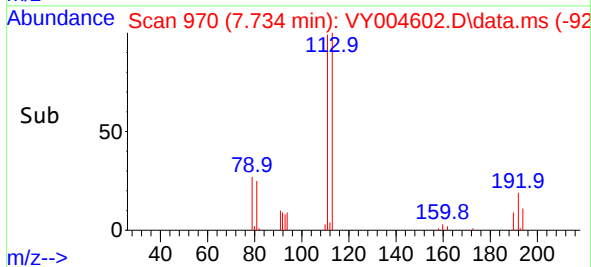
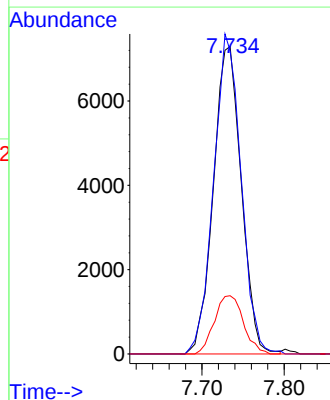
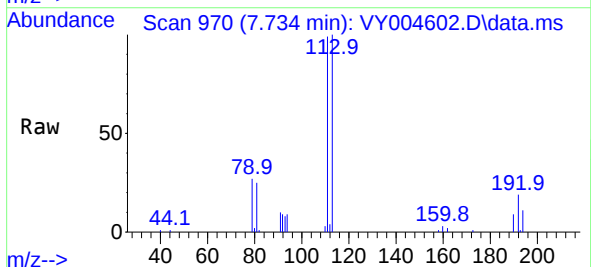
RT: 7.734 min Scan# 970

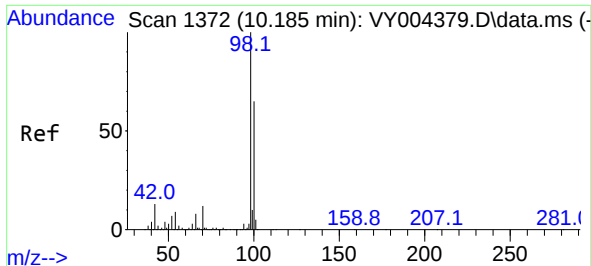
Delta R.T. 0.006 min

Lab File: VY004602.D

Acq: 23 Apr 2021 14:02

Tgt Ion:	113	Resp:	17228
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.6	123.8
192	19.6	16.1	24.1

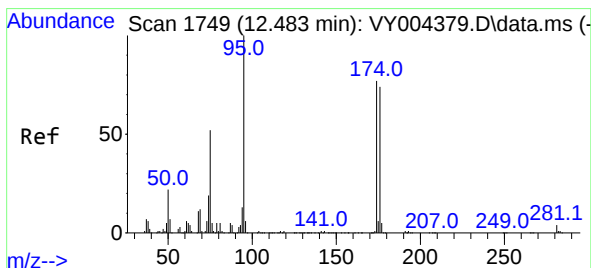
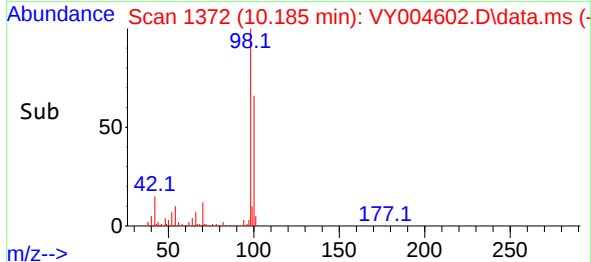
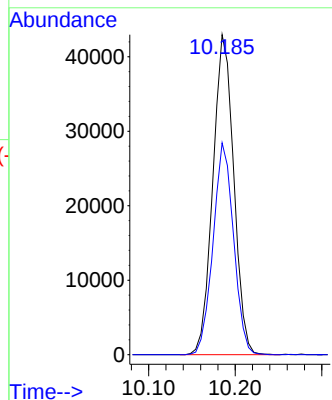
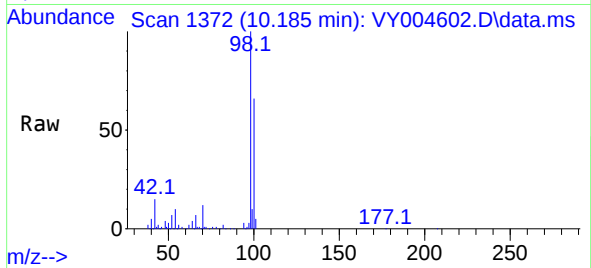




#50
Toluene-d8
Concen: 48.79 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

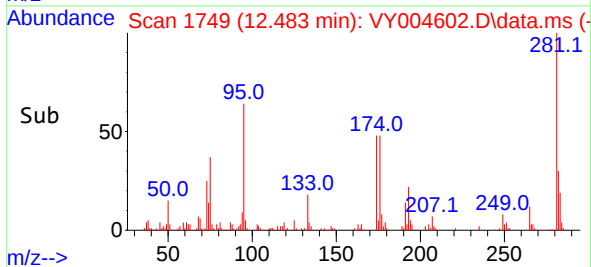
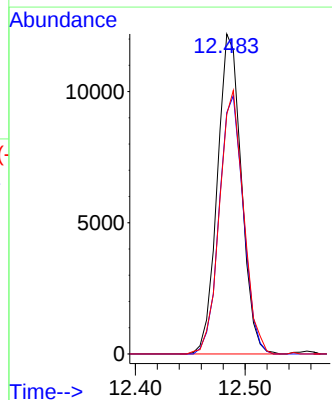
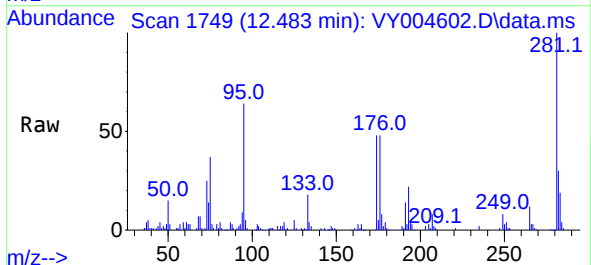
Instrument :
MSVOA_Y
ClientSampled :
HD-01-042221

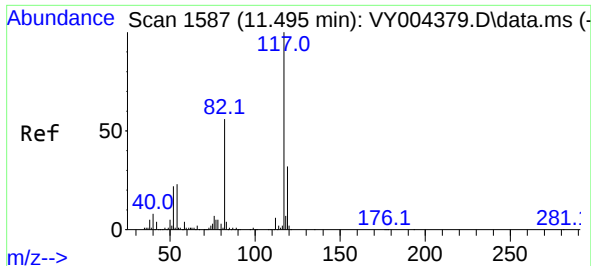
Tgt Ion: 98 Resp: 71919
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 37.09 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

Tgt Ion: 95 Resp: 18554
Ion Ratio Lower Upper
95 100
174 81.2 0.0 162.4
176 82.6 0.0 156.0

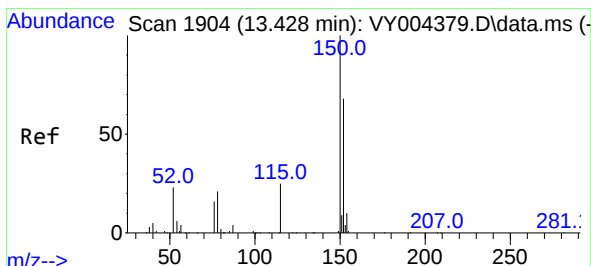
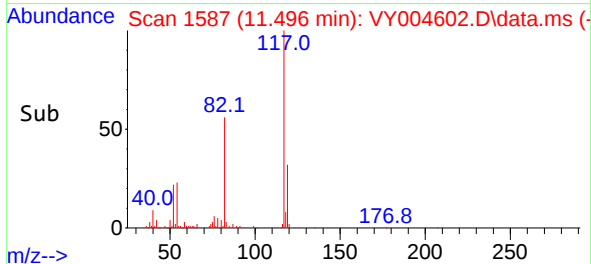
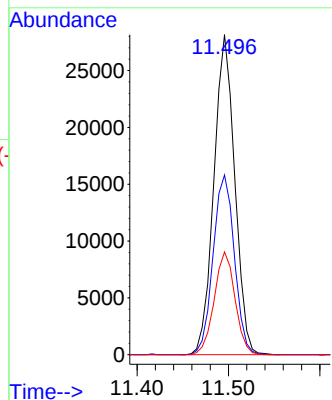
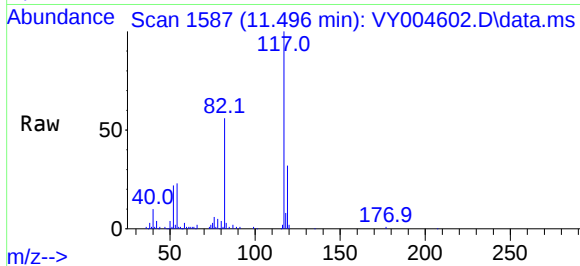




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

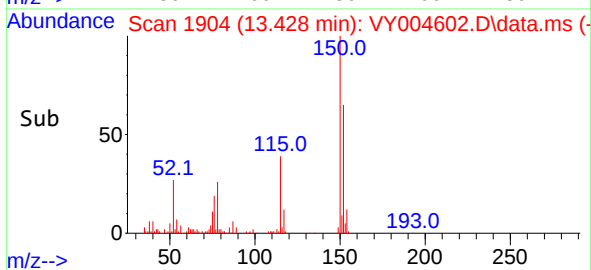
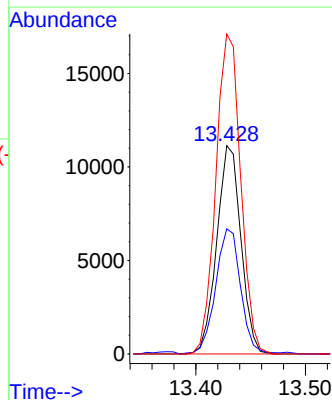
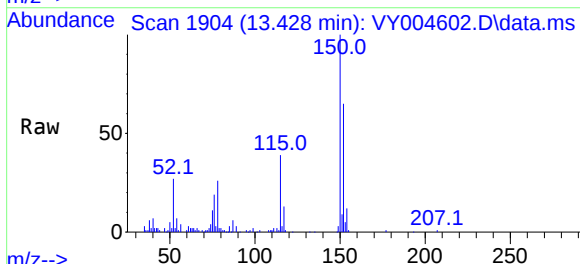
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MSVOA_Y
ClientSampleId :
HD-01-042221

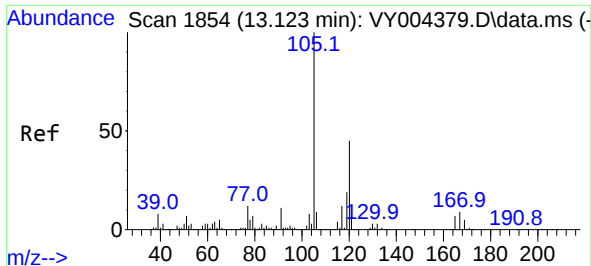
Tgt Ion:	117	Resp:	44680
Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.9	67.3
119	32.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

Tgt Ion:	152	Resp:	17061
Ion	Ratio	Lower	Upper
152	100		
115	62.4	29.6	88.8
150	157.8	0.0	348.4

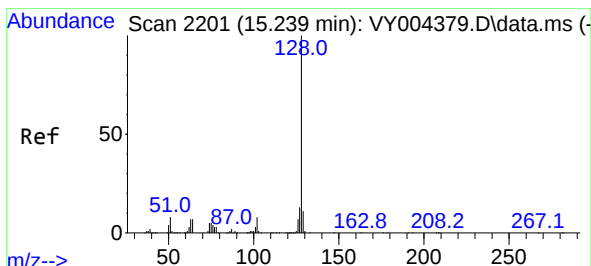
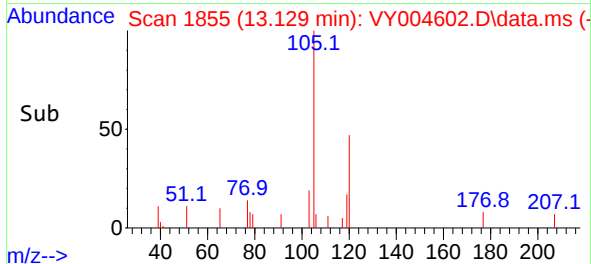
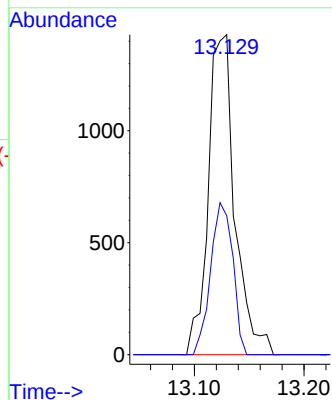
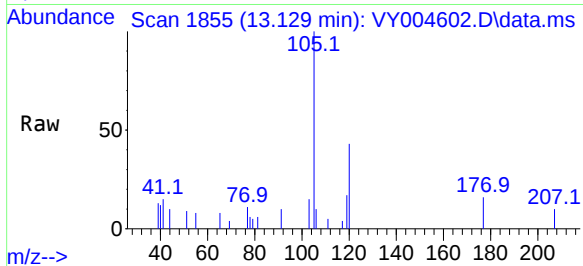




#84
1,2,4-Trimethylbenzene
Concen: 2.23 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

Instrument :
MSVOA_Y
ClientSampled :
HD-01-042221

Tgt Ion:105 Resp: 2410
Ion Ratio Lower Upper
105 100
120 39.7 22.4 67.3



#95
Naphthalene
Concen: 3.13 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004602.D
Acq: 23 Apr 2021 14:02

Tgt Ion:128 Resp: 2204
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.4 8.8 13.2

