

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004539.D
 Acq On : 20 Apr 2021 19:14
 Operator : SY/MD
 Sample : M2098-03
 Misc : 5.2Q2G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-042021

Quant Time: Apr 21 08:55:08 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)

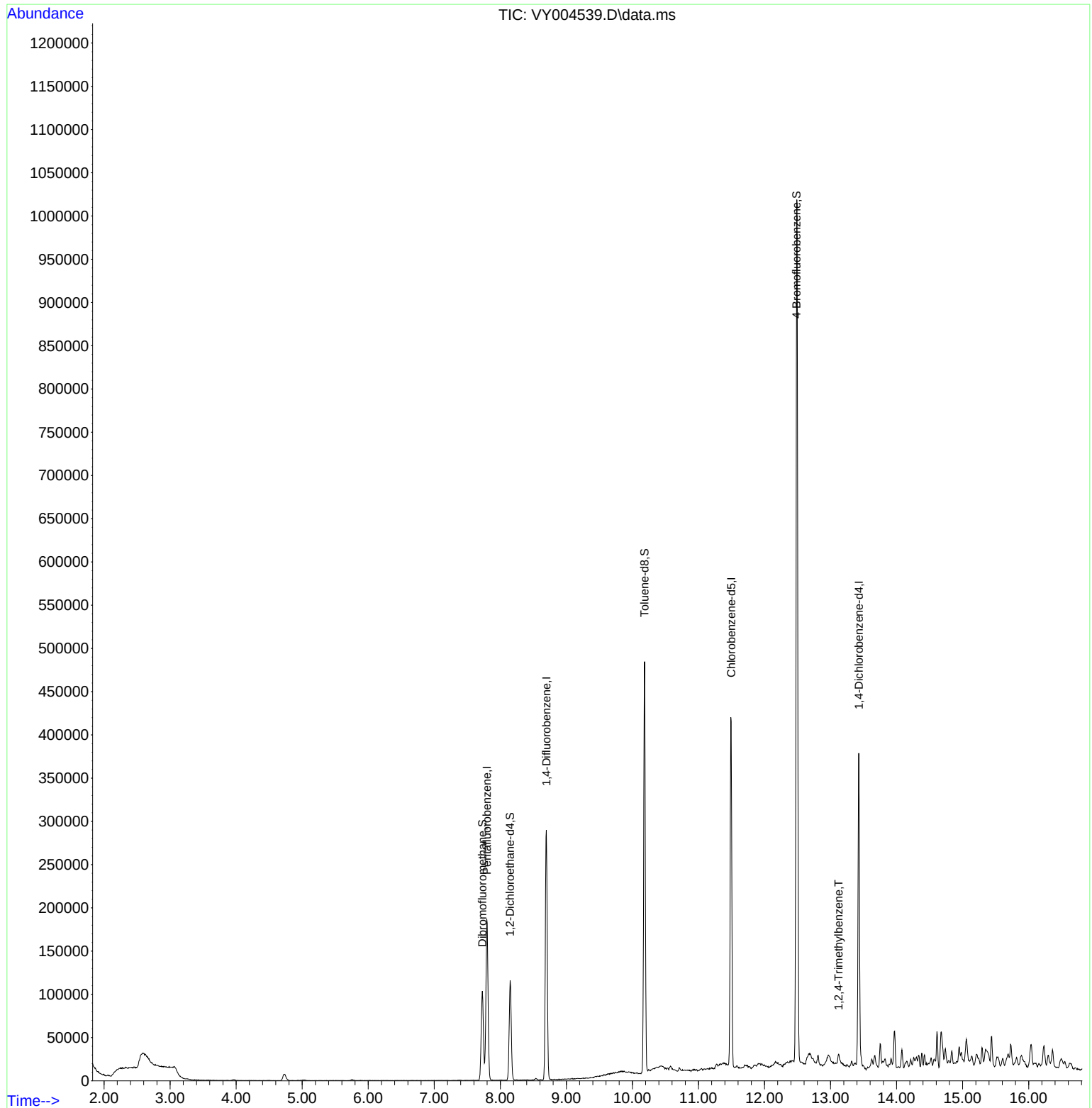
Internal Standards						
1) Pentafluorobenzene	7.795	168	137855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	240042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	212537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88401	57.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.44%
35) Dibromofluoromethane	7.728	113	70747	53.11	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.22%
50) Toluene-d8	10.185	98	291121	51.38	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.76%
62) 4-Bromofluorobenzene	12.483	95	96493	50.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.36%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.123	105	5905	1.09	ug/l	Qvalue 79

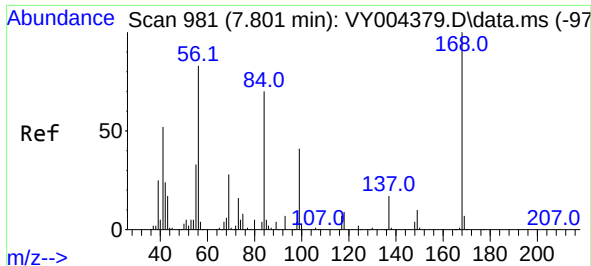
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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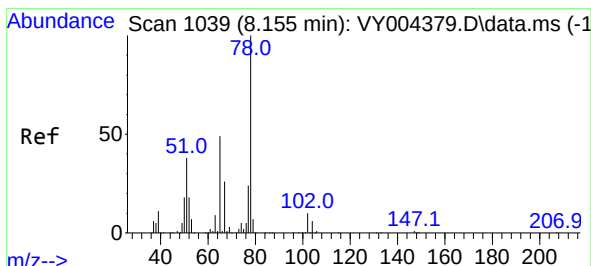
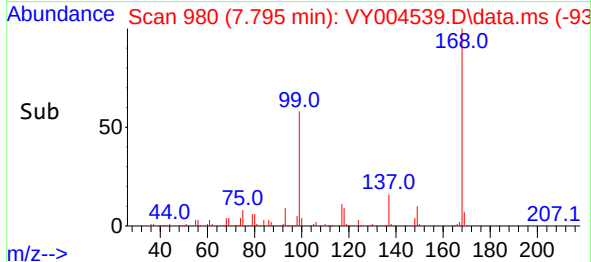
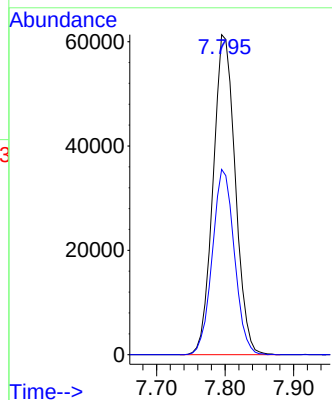
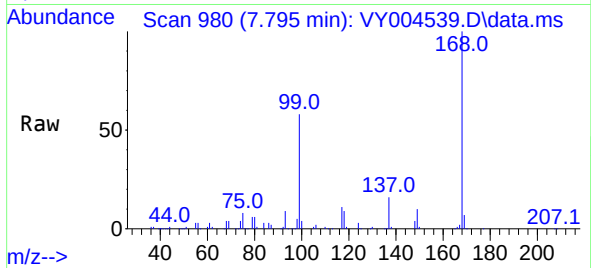




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004539.D
Acq: 20 Apr 2021 19:14

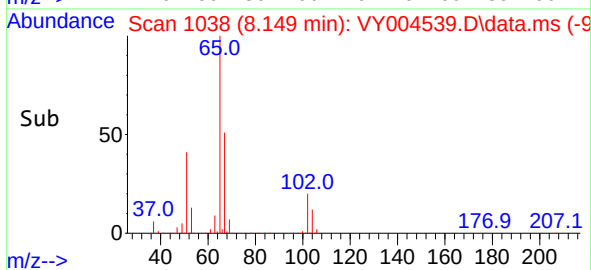
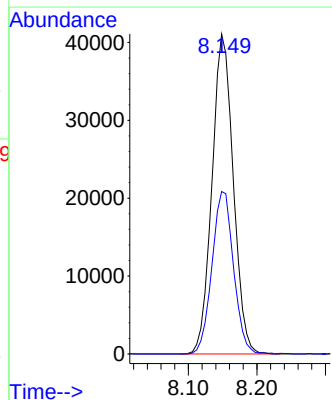
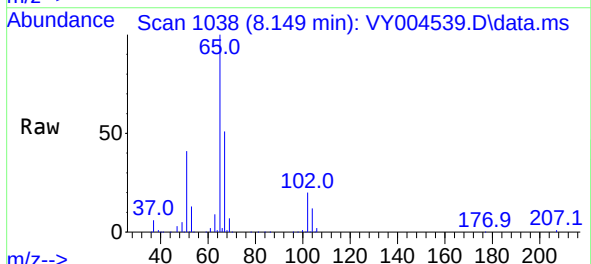
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-042021

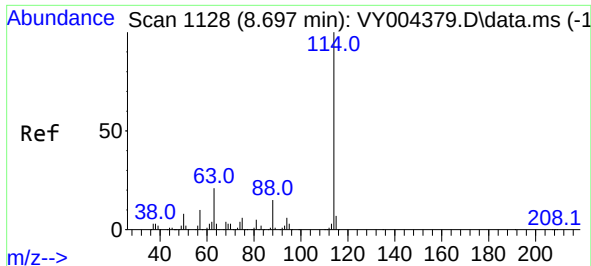
Tgt Ion:168 Resp: 137855
Ion Ratio Lower Upper
168 100
99 57.9 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 57.72 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004539.D
Acq: 20 Apr 2021 19:14

Tgt Ion: 65 Resp: 88401
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

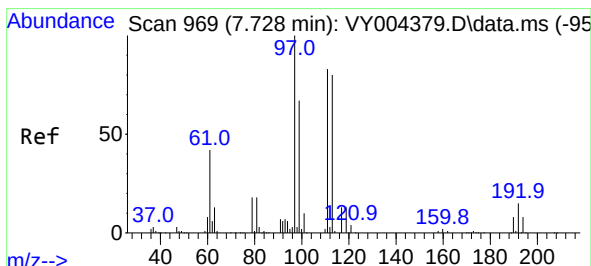
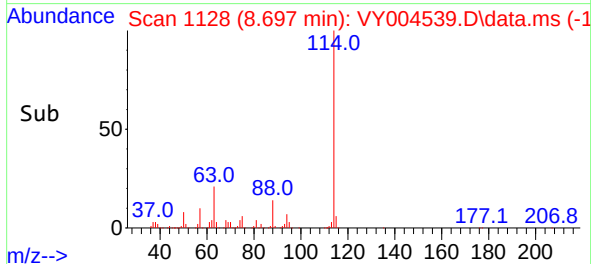
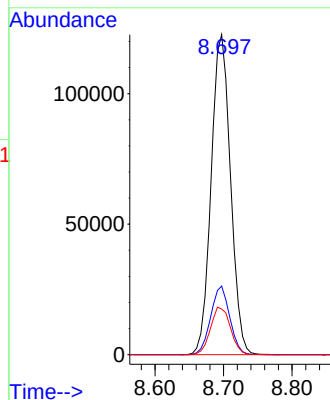
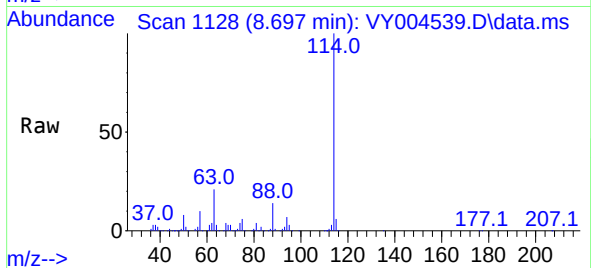
Delta R.T. 0.000 min

Lab File: VY004539.D

Acq: 20 Apr 2021 19:14

Tgt Ion:	114	Resp:	240042
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.4
88	14.3	0.0	30.8

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-042021



#35

Dibromofluoromethane

Concen: 53.11 ug/l

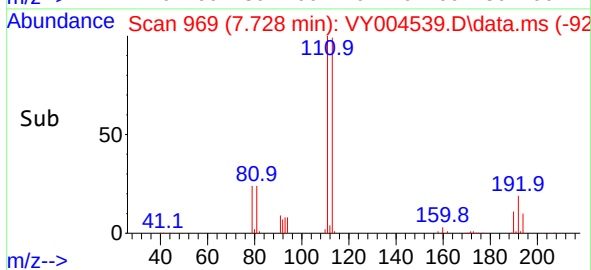
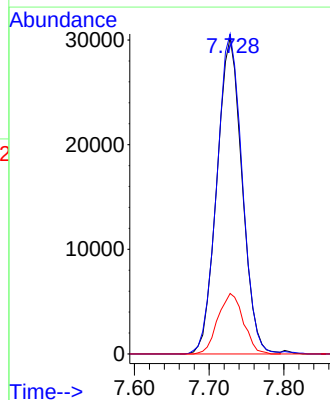
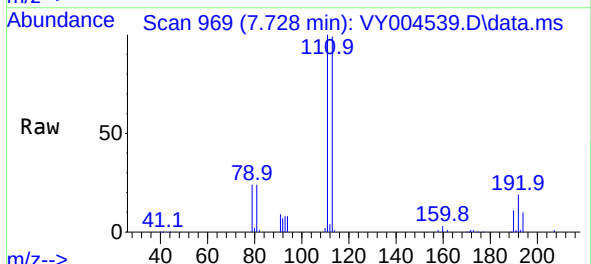
RT: 7.728 min Scan# 969

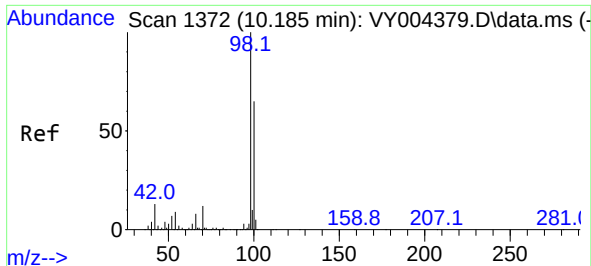
Delta R.T. 0.000 min

Lab File: VY004539.D

Acq: 20 Apr 2021 19:14

Tgt Ion:	113	Resp:	70747
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	19.3	16.1	24.1

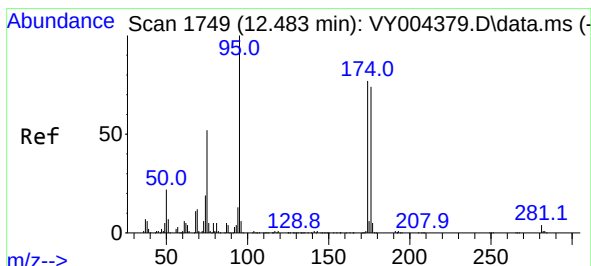
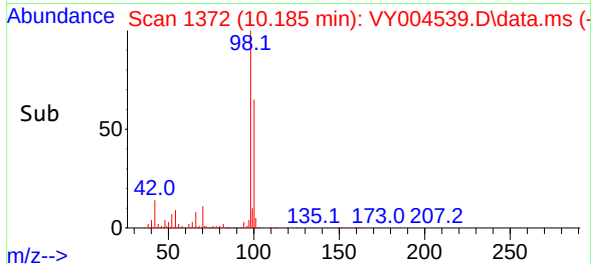
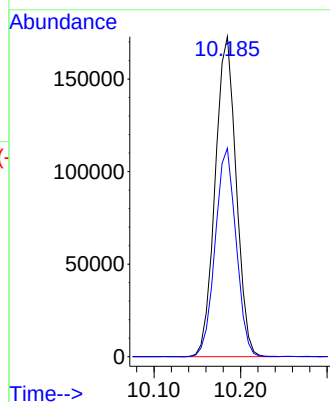
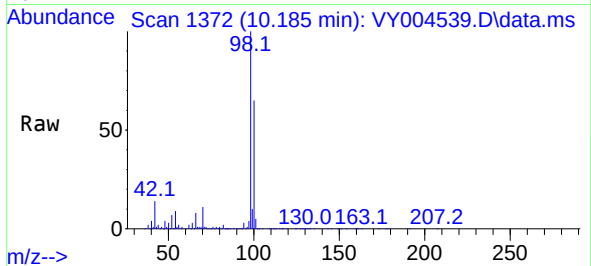




#50
Toluene-d8
Concen: 51.38 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004539.D
Acq: 20 Apr 2021 19:14

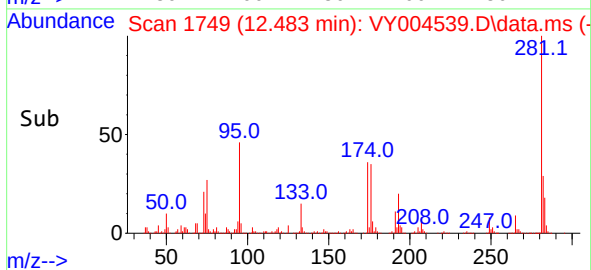
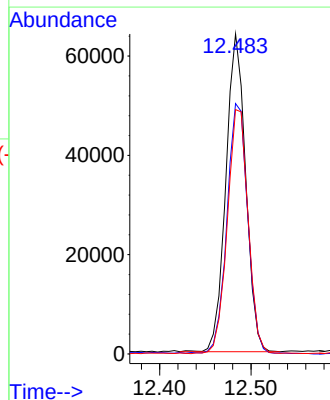
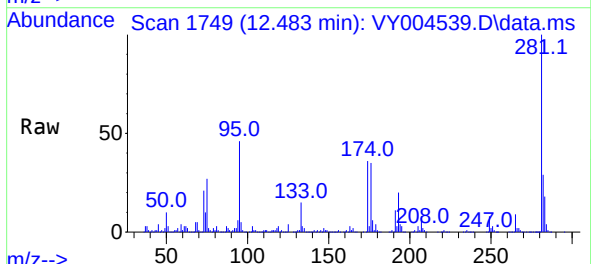
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-042021

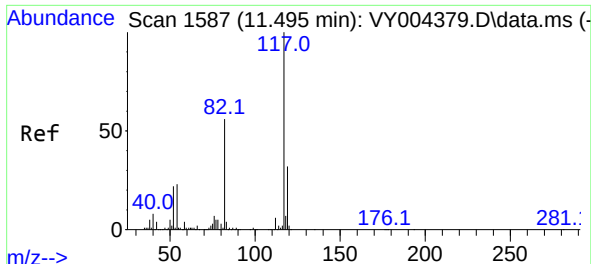
Tgt Ion: 98 Resp: 291121
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004539.D
Acq: 20 Apr 2021 19:14

Tgt Ion: 95 Resp: 96493
Ion Ratio Lower Upper
95 100
174 83.0 0.0 162.4
176 80.6 0.0 156.0



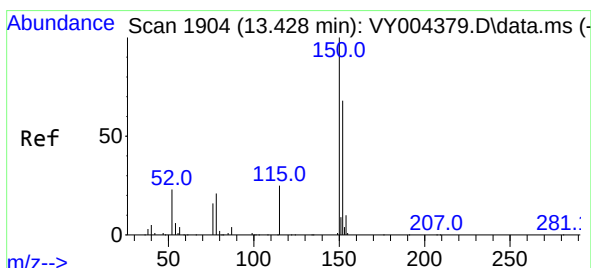
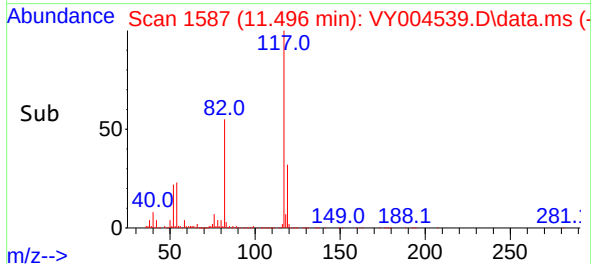
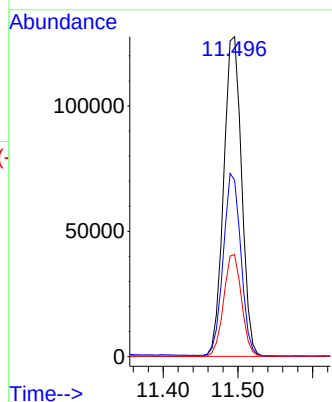
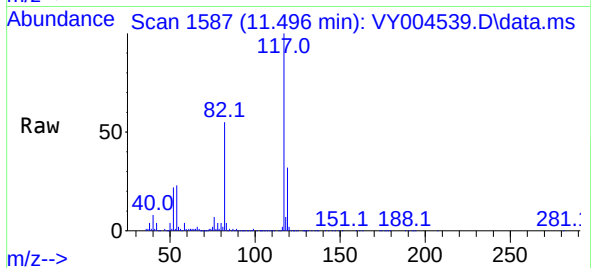


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004539.D
Acq: 20 Apr 2021 19:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-042021

Tgt Ion:117 Resp: 212537

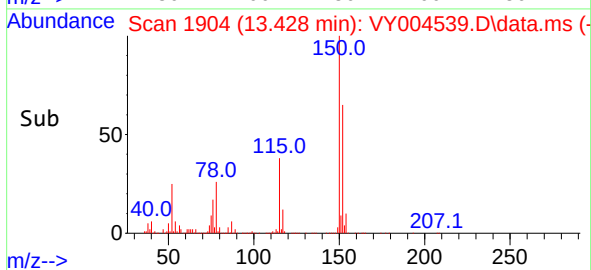
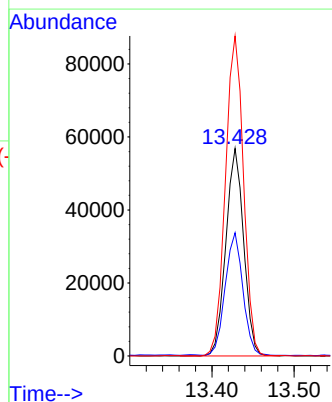
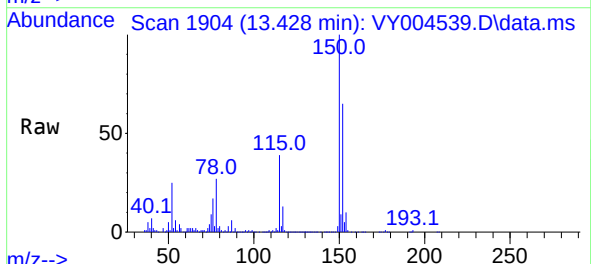
Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.9	67.3
119	31.8	25.4	38.0

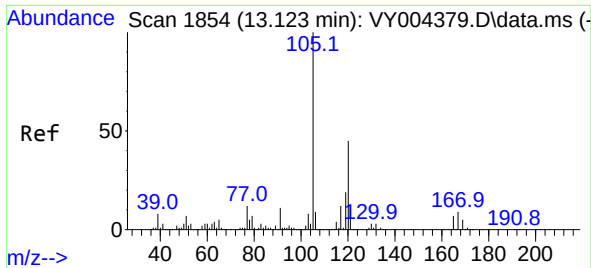


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004539.D
Acq: 20 Apr 2021 19:14

Tgt Ion:152 Resp: 85791

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.6	88.8
150	156.7	0.0	348.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.09 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY004539.D
 Acq: 20 Apr 2021 19:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-042021

Tgt Ion:105 Resp: 5905
 Ion Ratio Lower Upper
 105 100
 120 31.0 22.4 67.3

