

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004507.D
 Acq On : 19 Apr 2021 18:44
 Operator : SY/MD
 Sample : M2076-04
 Misc : 5.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-0-2.0

Quant Time: Apr 20 01:51:01 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)

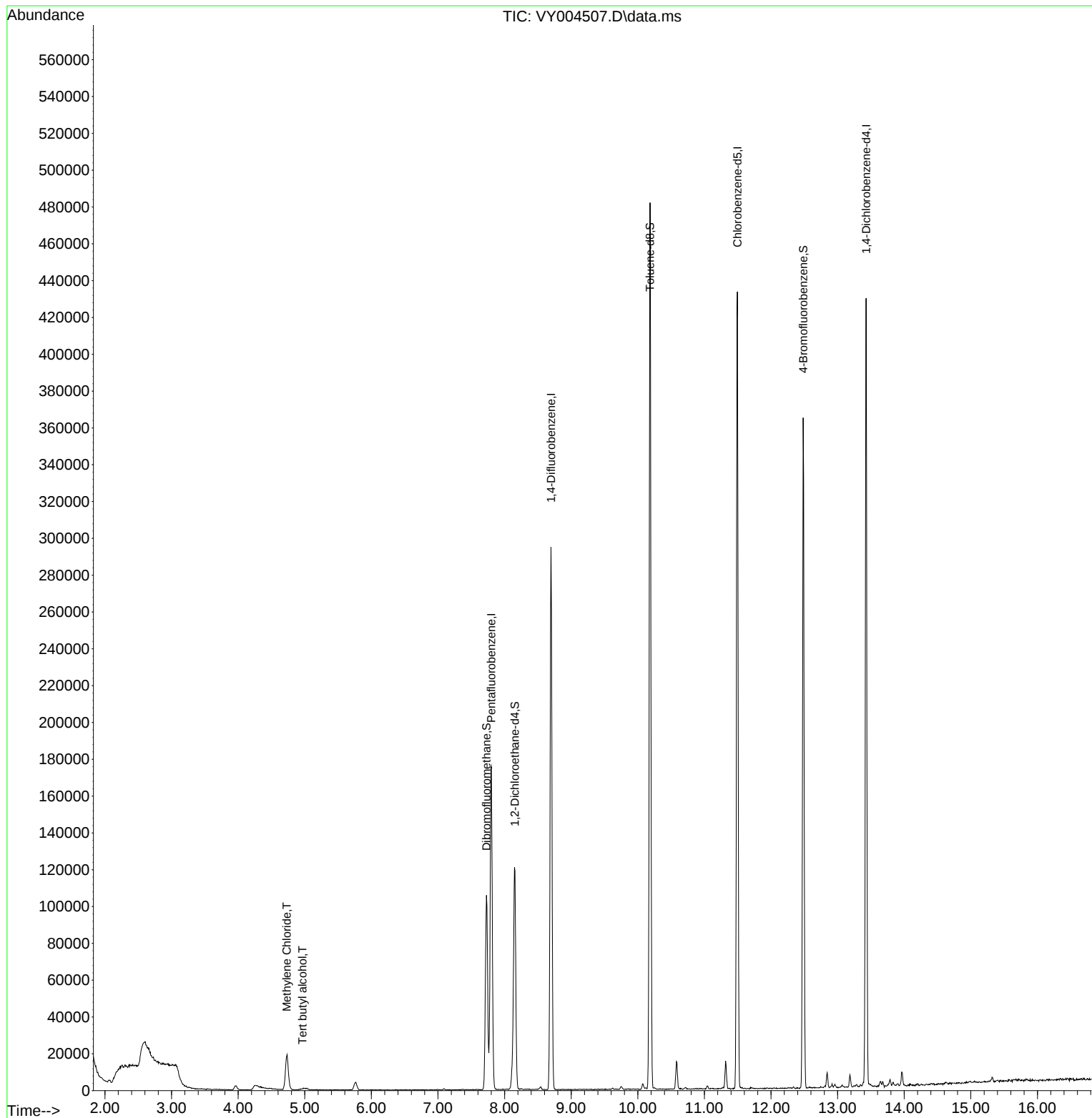
Internal Standards						
1) Pentafluorobenzene	7.801	168	132871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	225895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	90671	61.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.84%	
35) Dibromofluoromethane	7.728	113	73029	55.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.20%	
50) Toluene-d8	10.185	98	293619	52.56	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.12%	
62) 4-Bromofluorobenzene	12.483	95	99331	52.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.78%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.966	59	1664	11.44	ug/l	# 76
20) Methylene Chloride	4.728	84	13534	9.49	ug/l	90

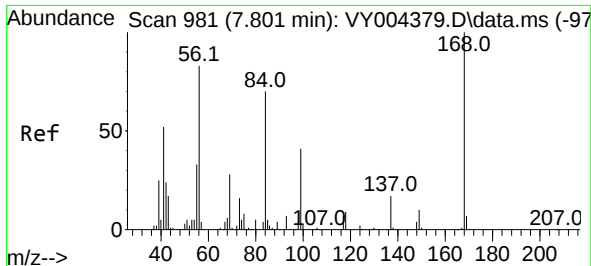
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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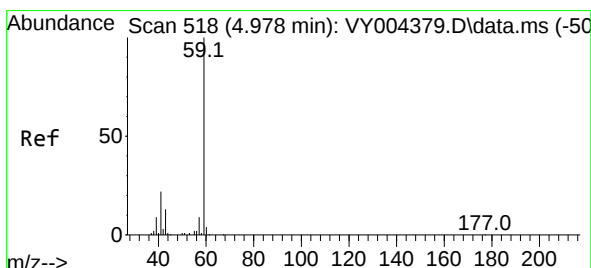
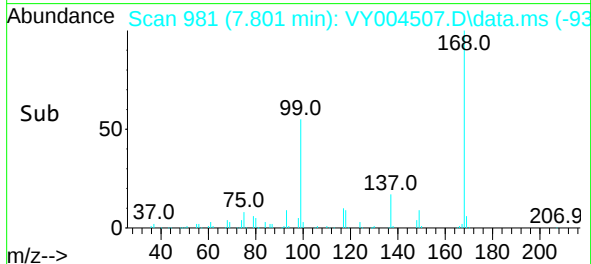
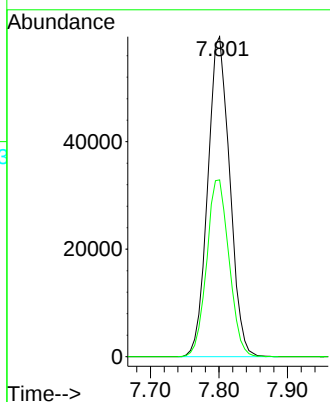
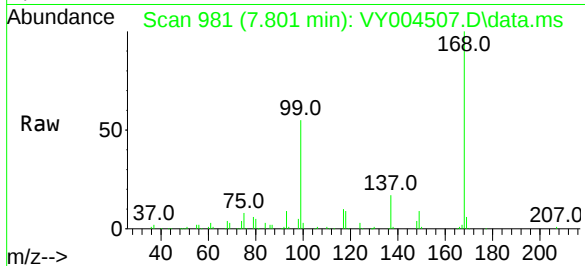




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

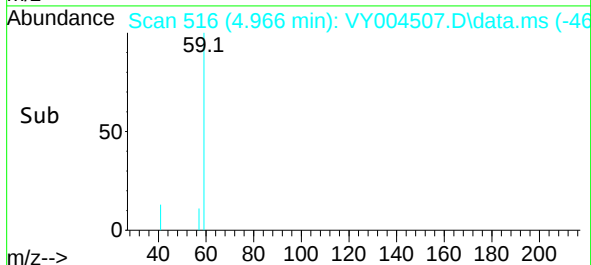
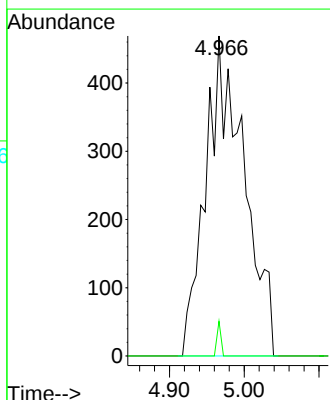
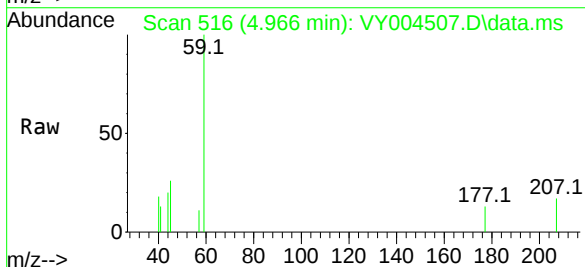
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-0-2.0

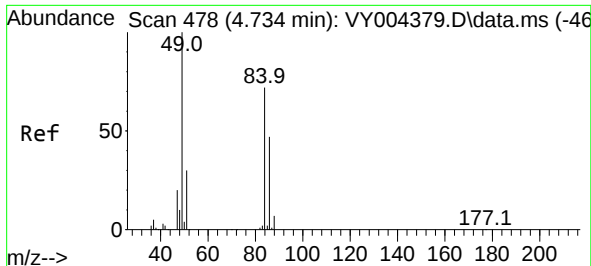
Tgt Ion:168 Resp: 132871
Ion Ratio Lower Upper
168 100
99 55.3 45.5 68.3



#11
Tert butyl alcohol
Concen: 11.44 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

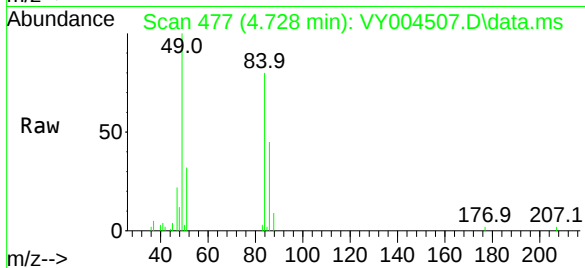
Tgt Ion: 59 Resp: 1664
Ion Ratio Lower Upper
59 100
57 1.1 8.1 12.1#



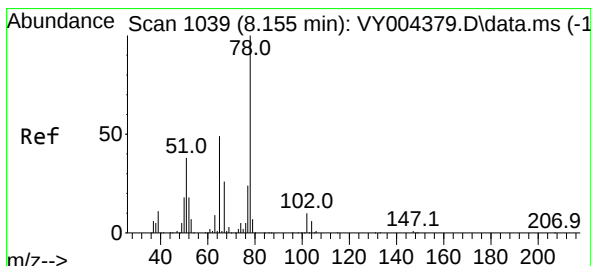
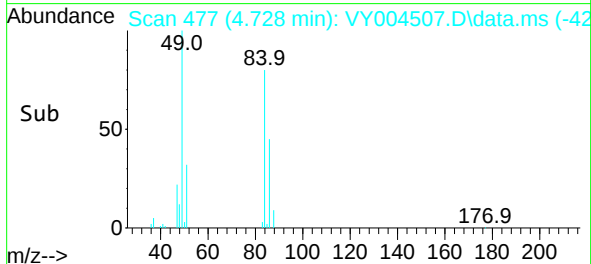
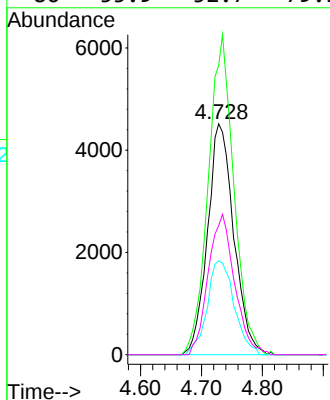


#20
Methylene Chloride
Concen: 9.49 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

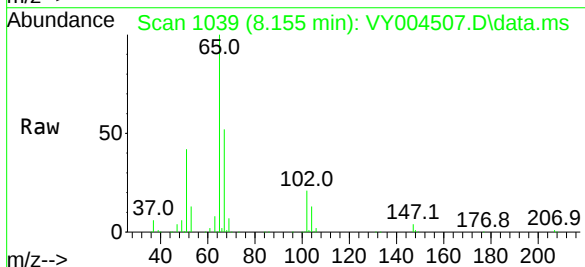
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-0-2.0



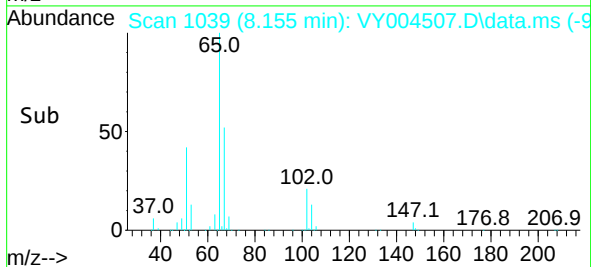
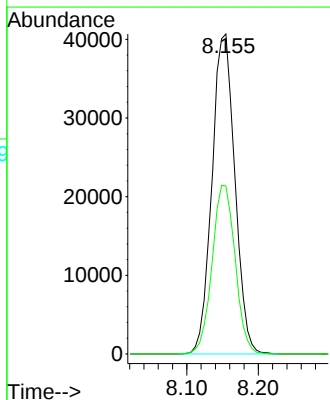
Tgt Ion:	84	Resp:	13534
Ion	Ratio	Lower	Upper
84	100		
49	125.1	111.2	166.8
51	40.6	33.4	50.2
86	55.9	52.7	79.1

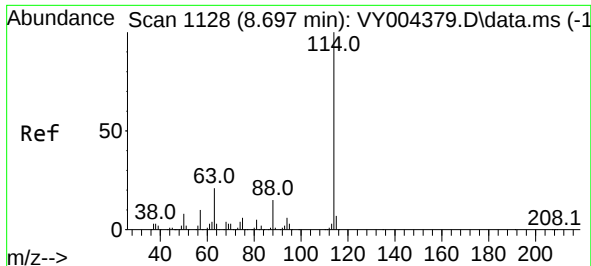


#33
1,2-Dichloroethane-d4
Concen: 61.42 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44



Tgt Ion:	65	Resp:	90671
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.4

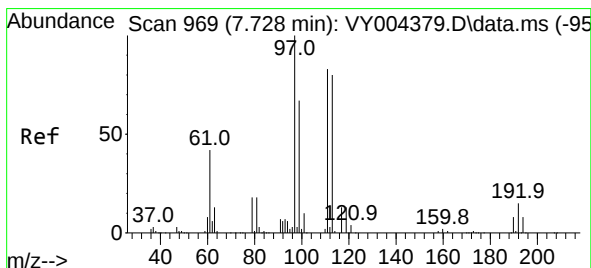
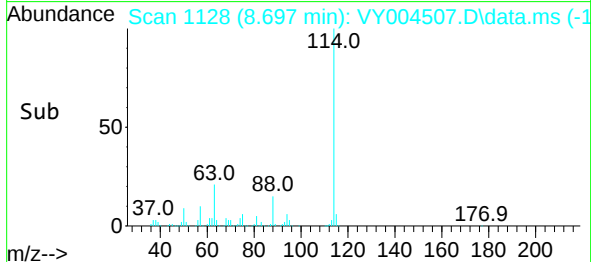
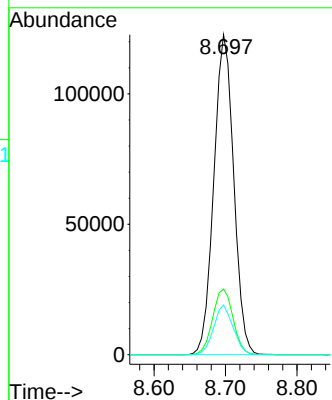
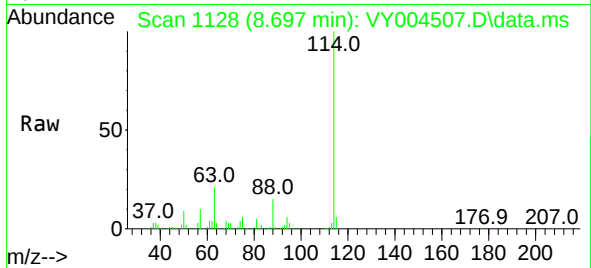




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

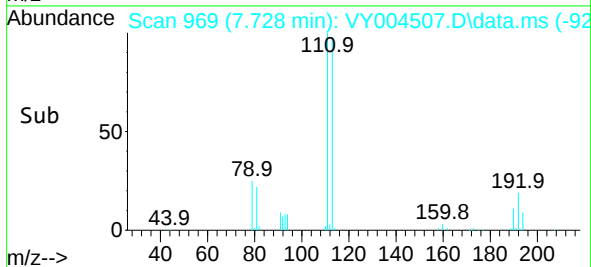
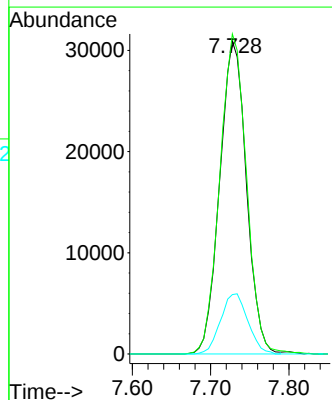
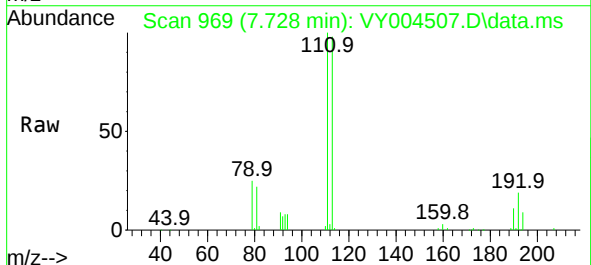
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-0-2.0

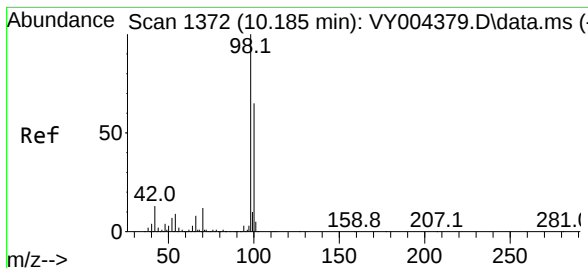
Tgt Ion:114 Resp: 236670
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.60 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

Tgt Ion:113 Resp: 73029
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 19.7 16.1 24.1

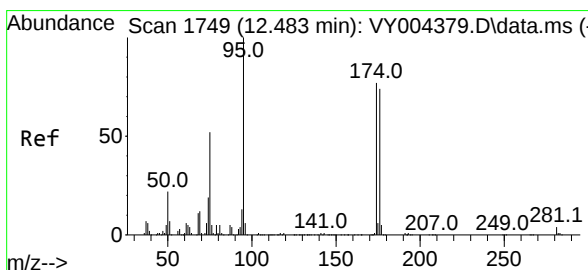
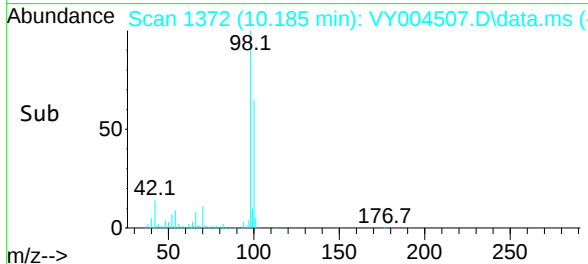
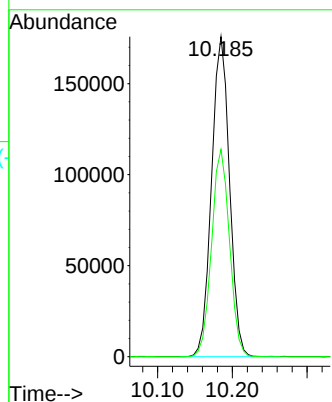
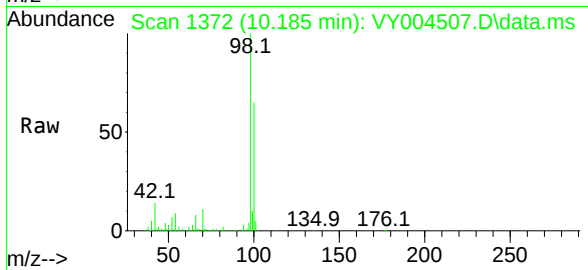




#50
Toluene-d8
Concen: 52.56 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

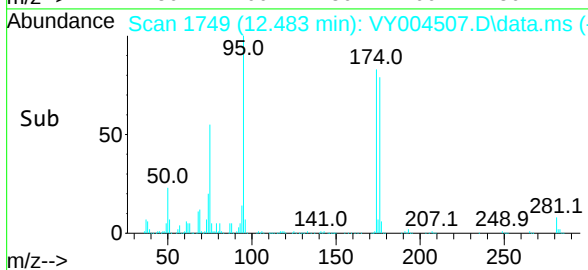
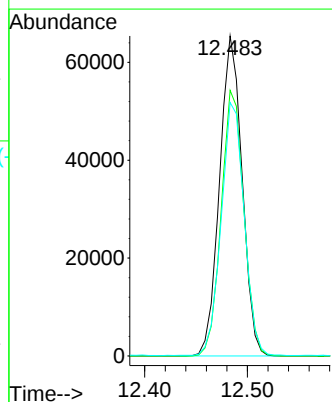
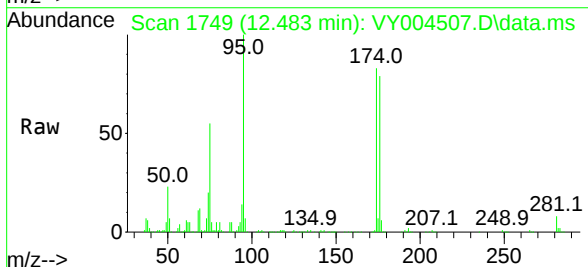
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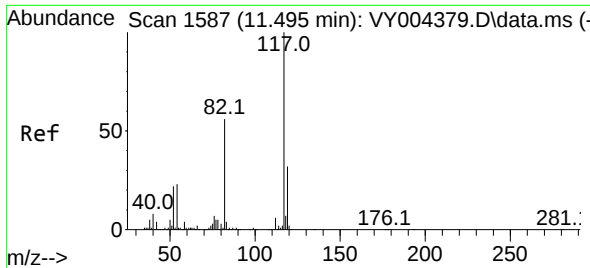
Tgt Ion: 98 Resp: 293619
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 95 Resp: 99331
Ion Ratio Lower Upper
95 100
174 83.1 0.0 162.4
176 80.6 0.0 156.0

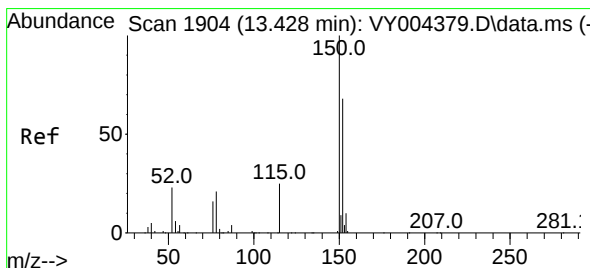
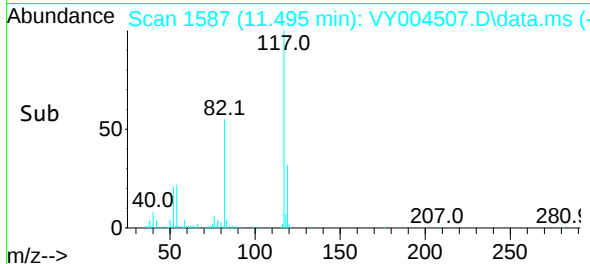
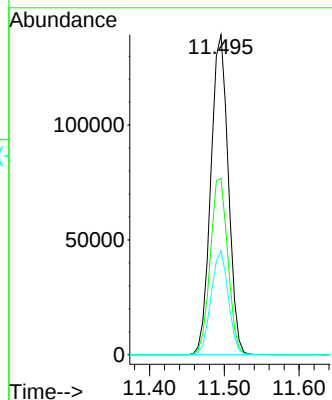
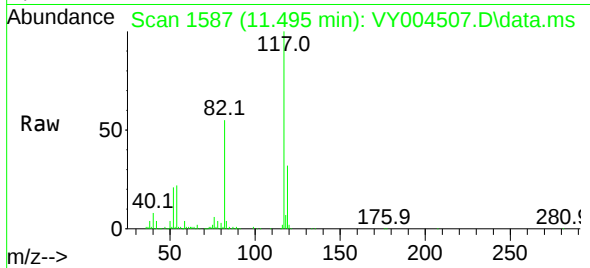




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-0-2.0

Tgt Ion:	117	Resp:	225895
Ion Ratio	Lower	Upper	
117	100		
82	55.1	44.9	67.3
119	32.5	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: VY004507.D
Acq: 19 Apr 2021 18:44

Tgt Ion:	152	Resp:	102050
Ion Ratio	Lower	Upper	
152	100		
115	58.7	29.6	88.8
150	157.2	0.0	348.4

