

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004447.D
 Acq On : 15 Apr 2021 17:41
 Operator : SY/MD
 Sample : M2048-09
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-14.5-15.0

Quant Time: Apr 16 05:05:53 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)

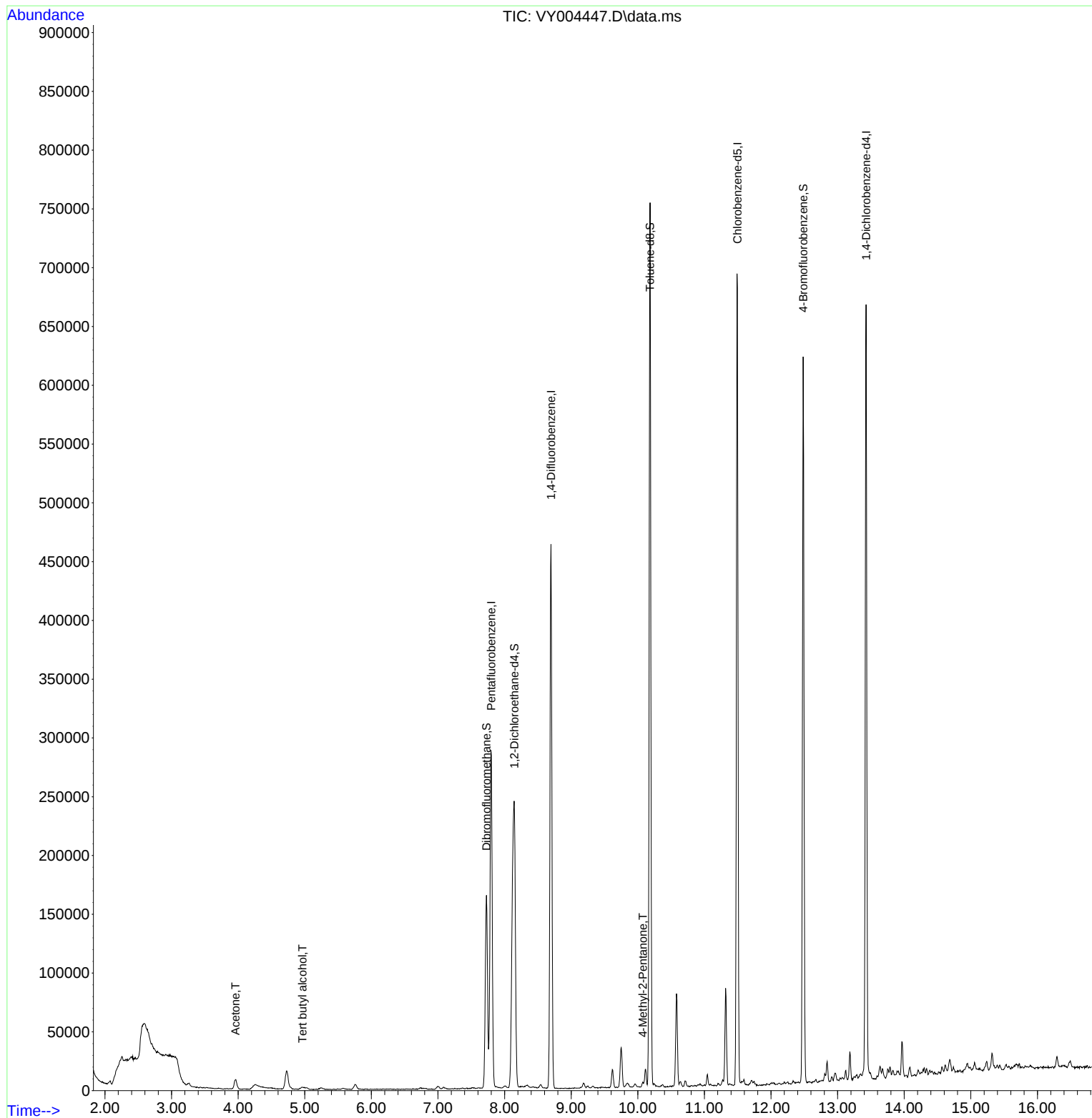
Internal Standards						
1) Pentafluorobenzene	7.801	168	223518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	384292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	360507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	140063	56.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.80%	
35) Dibromofluoromethane	7.728	113	114733	53.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.60%	
50) Toluene-d8	10.184	98	472274	52.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.12%	
62) 4-Bromofluorobenzene	12.483	95	165382	53.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.44%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.966	59	4400	17.98	ug/l	95
16) Acetone	3.960	43	14953	9.90	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	2920	1.22	ug/l	98

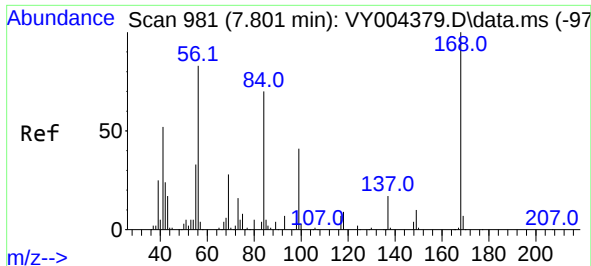
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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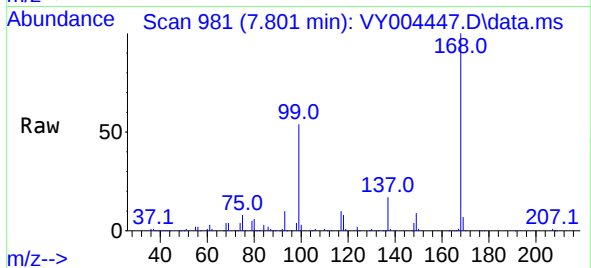
Quant Time: Apr 16 05:05:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
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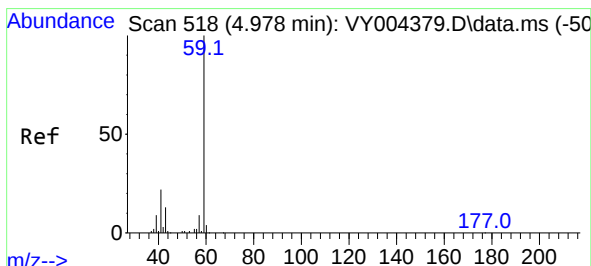
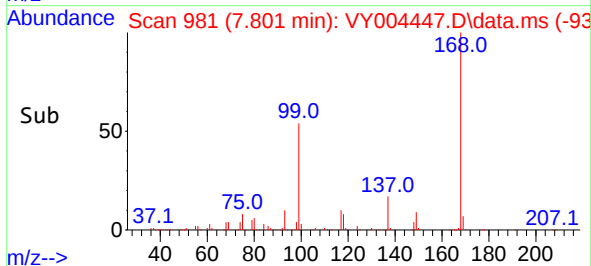
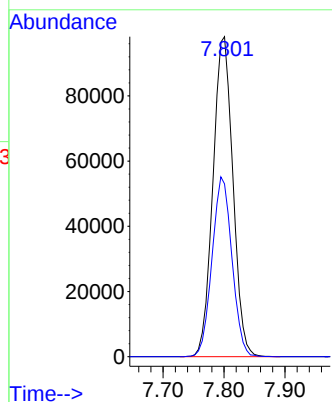


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

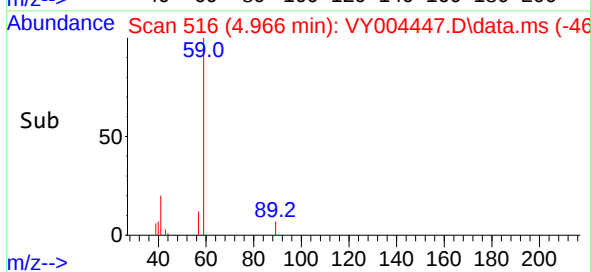
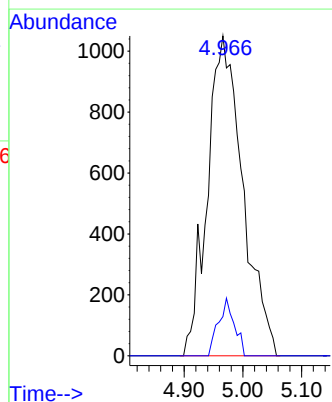
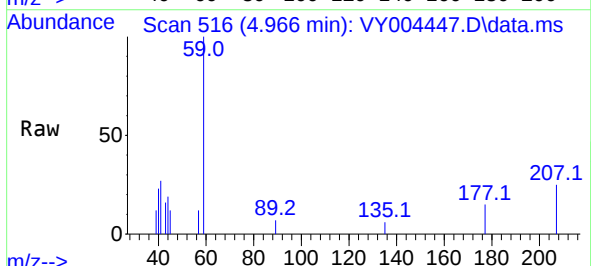


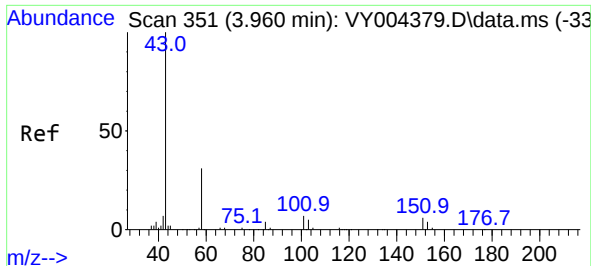
Tgt Ion:168 Resp: 223518
Ion Ratio Lower Upper
168 100
99 54.0 45.5 68.3



#11
Tert butyl alcohol
Concen: 17.98 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

Tgt Ion: 59 Resp: 4400
Ion Ratio Lower Upper
59 100
57 8.1 8.1 12.1

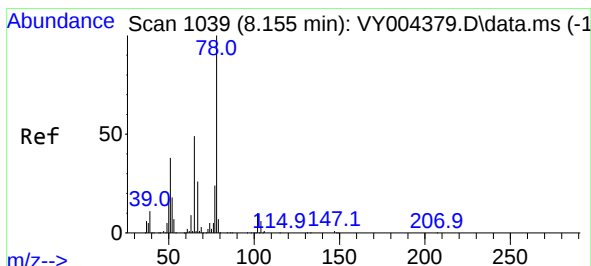
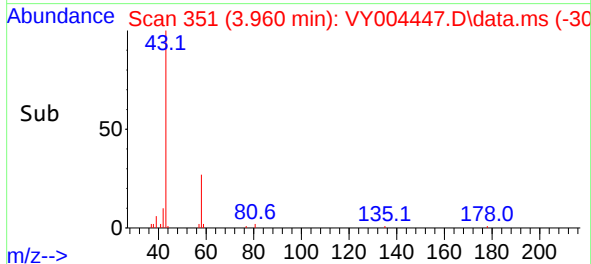
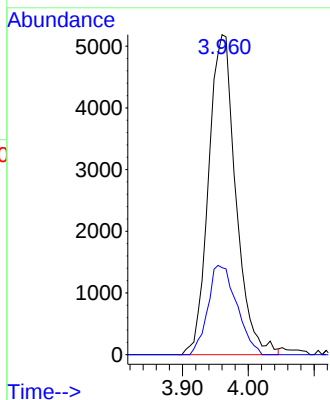
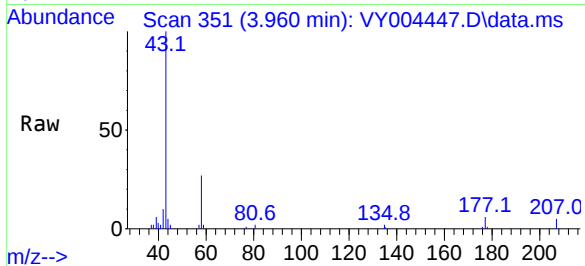




#16
Acetone
Concen: 9.90 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

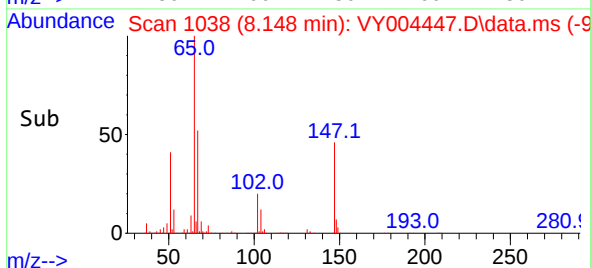
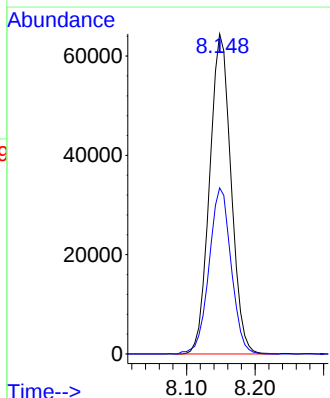
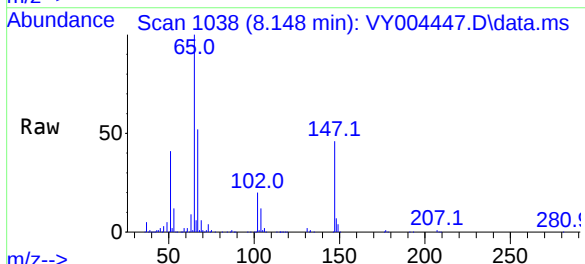
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

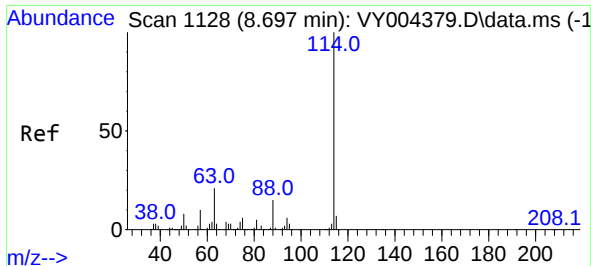
Tgt Ion: 43 Resp: 14953
Ion Ratio Lower Upper
43 100
58 27.2 24.6 37.0



#33
1,2-Dichloroethane-d4
Concen: 56.40 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

Tgt Ion: 65 Resp: 140063
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

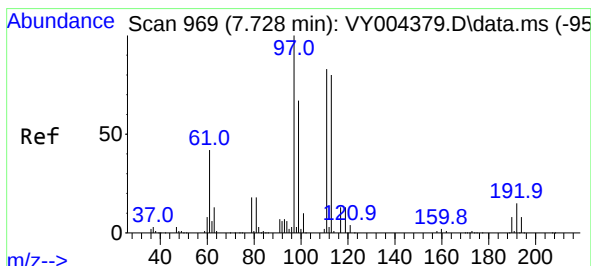
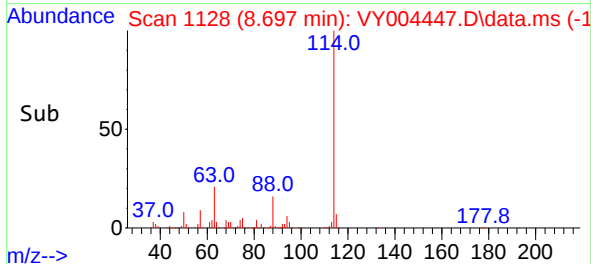
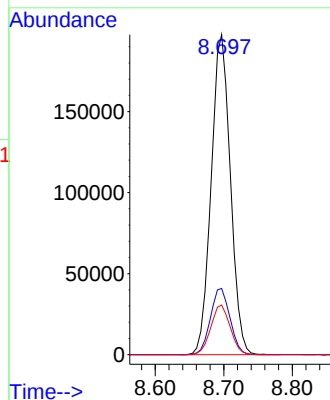
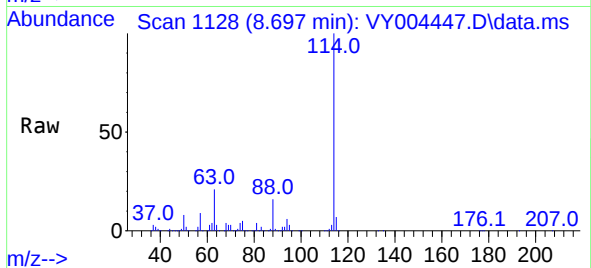
Delta R.T. -0.000 min

Lab File: VY004447.D

Acq: 15 Apr 2021 17:41

Tgt Ion:	114	Resp:	384292
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.4
88	15.5	0.0	30.8

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0



#35

Dibromofluoromethane

Concen: 53.80 ug/l

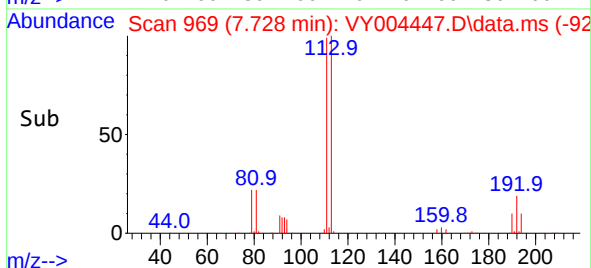
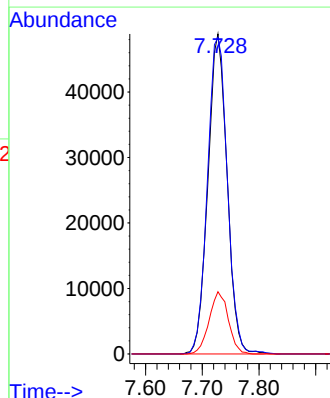
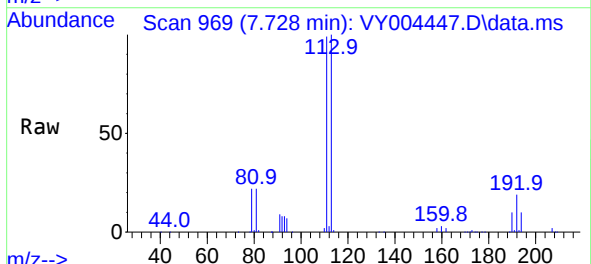
RT: 7.728 min Scan# 969

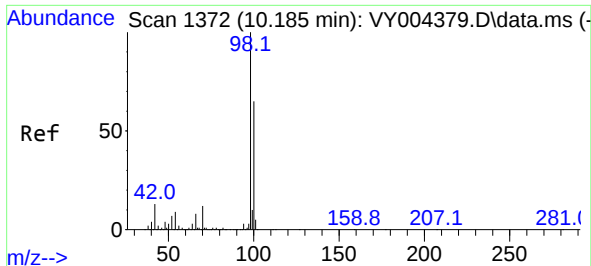
Delta R.T. -0.000 min

Lab File: VY004447.D

Acq: 15 Apr 2021 17:41

Tgt Ion:	113	Resp:	114733
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	19.4	16.1	24.1

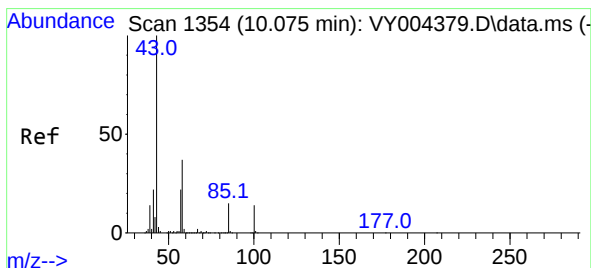
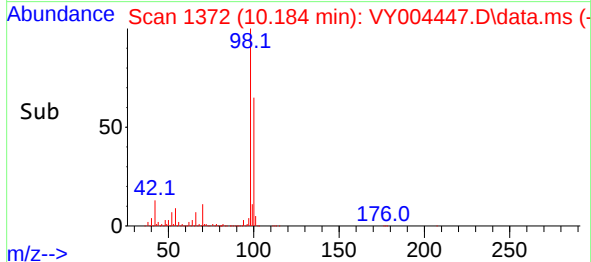
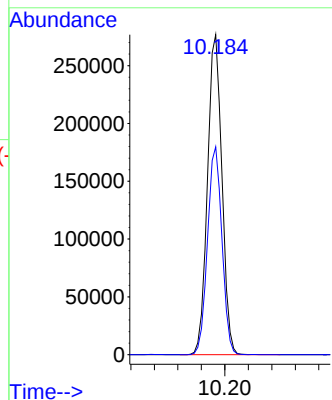
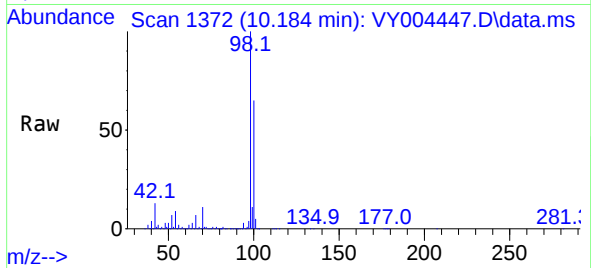




#50
Toluene-d8
Concen: 52.06 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

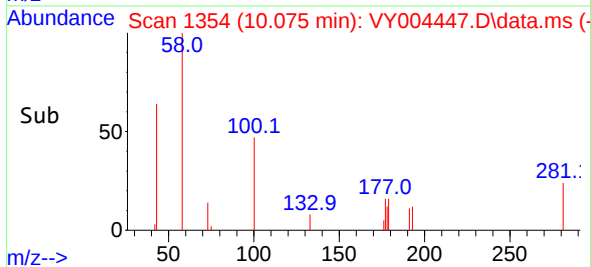
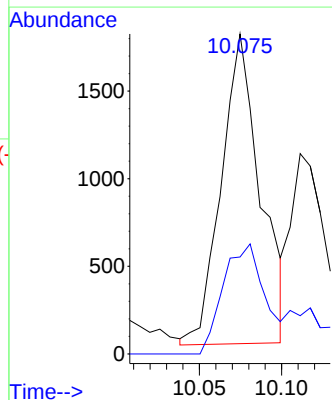
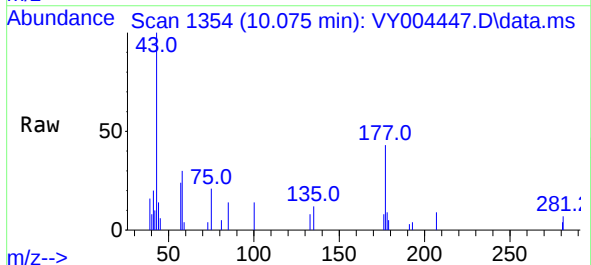
Instrument :
MSVOA_Y
ClientSampleId :
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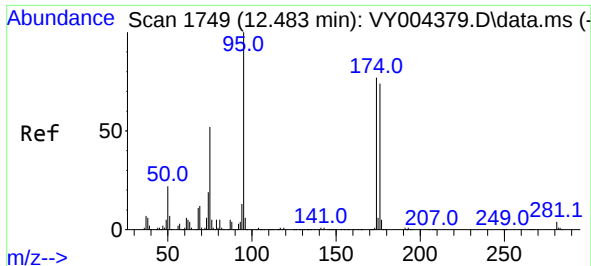
Tgt Ion: 98 Resp: 472274
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.22 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

Tgt Ion: 43 Resp: 2920
Ion Ratio Lower Upper
43 100
58 37.8 29.2 43.8

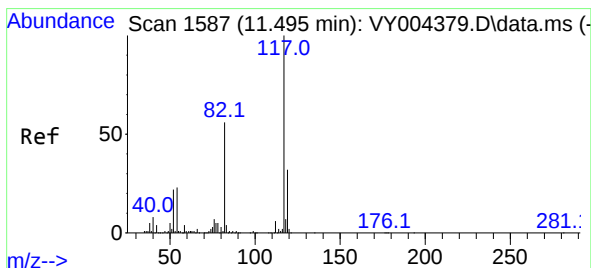
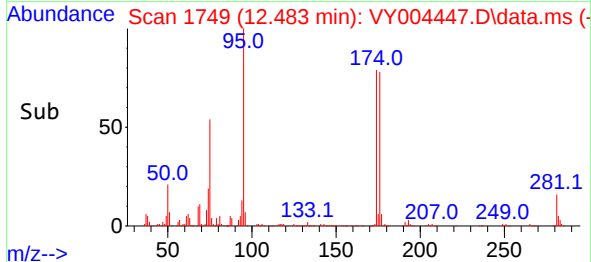
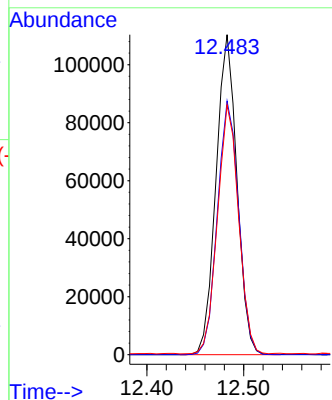
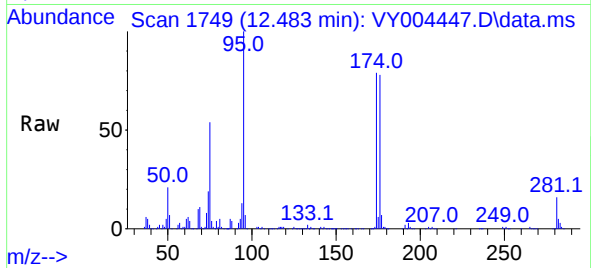




#62
4-Bromofluorobenzene
Concen: 53.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

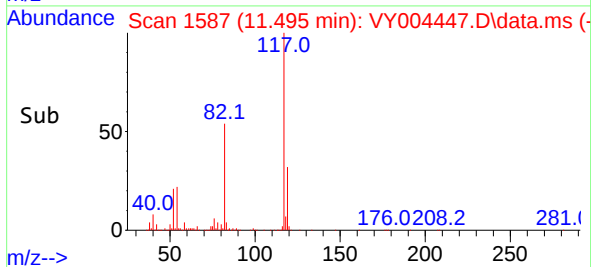
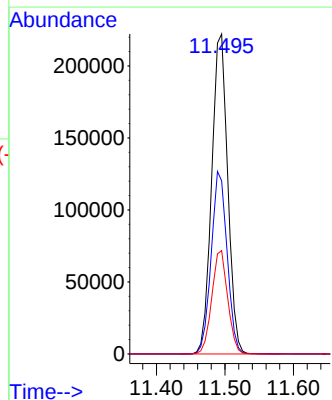
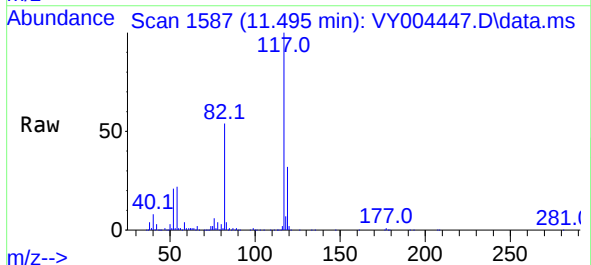
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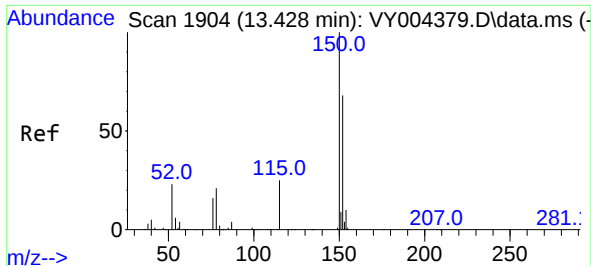
Tgt Ion: 95 Resp: 165382
Ion Ratio Lower Upper
95 100
174 80.7 0.0 162.4
176 78.5 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

Tgt Ion: 117 Resp: 360507
Ion Ratio Lower Upper
117 100
82 54.1 44.9 67.3
119 32.3 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: VY004447.D
 Acq: 15 Apr 2021 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-14.5-15.0

Tgt Ion:152 Resp: 161807

Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.6	88.8
150	158.1	0.0	348.4

