

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004533.D
 Acq On : 20 Apr 2021 16:54
 Operator : SY/MD
 Sample : M2090-20
 Misc : 6.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SEDGWICK-VOC-12

Quant Time: Apr 21 08:52:59 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)

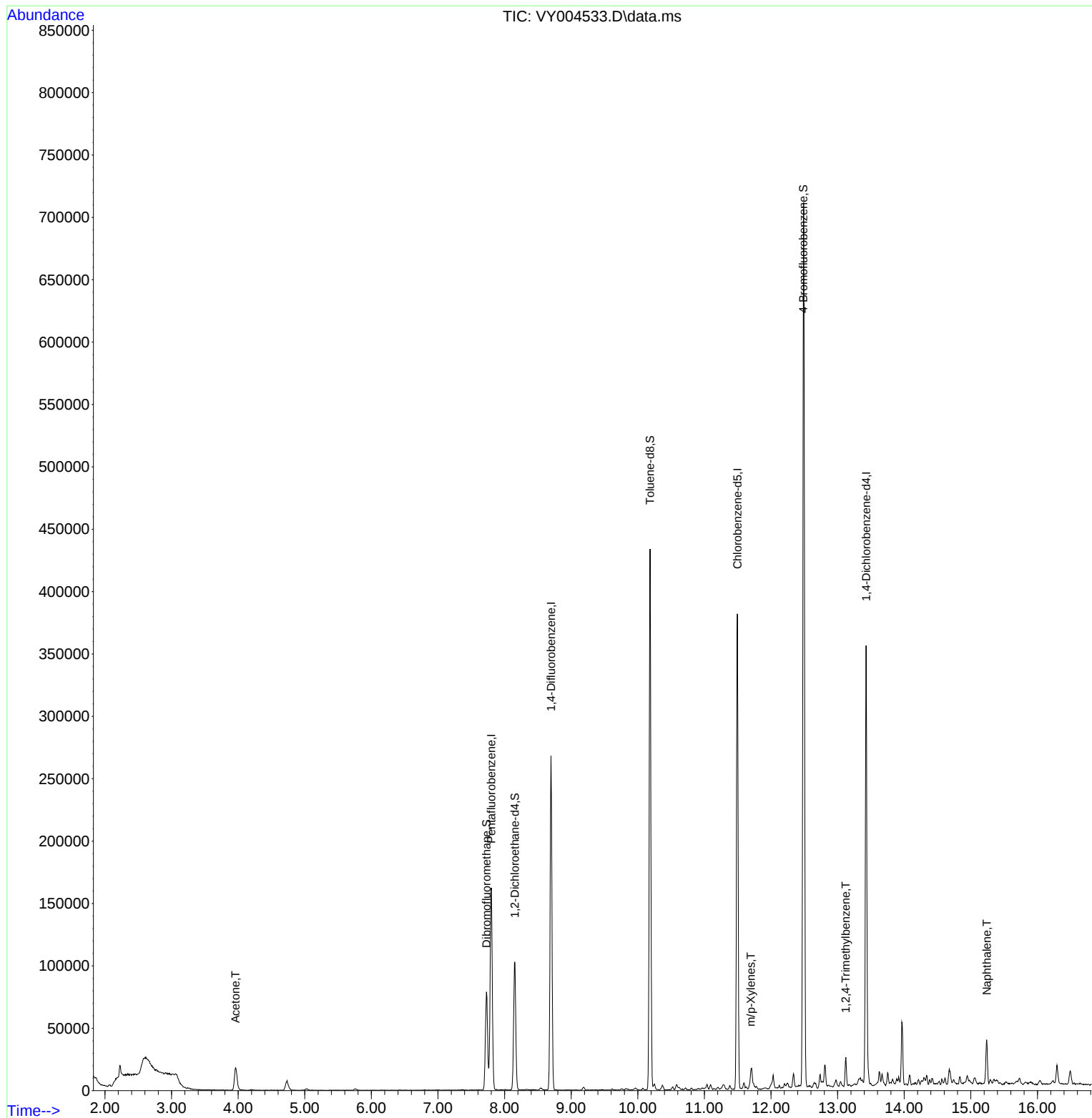
Internal Standards						
1) Pentafluorobenzene	7.801	168	122355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79059	58.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.32%
35) Dibromofluoromethane	7.728	113	54228	45.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.30%
50) Toluene-d8	10.185	98	263219	52.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.18%
62) 4-Bromofluorobenzene	12.483	95	88067	51.36	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.72%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	33323	104.28	ug/l	99
68) m/p-Xylenes	11.697	106	4220	1.50	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	11380	2.15	ug/l	99
95) Naphthalene	15.239	128	27944	8.10	ug/l	99

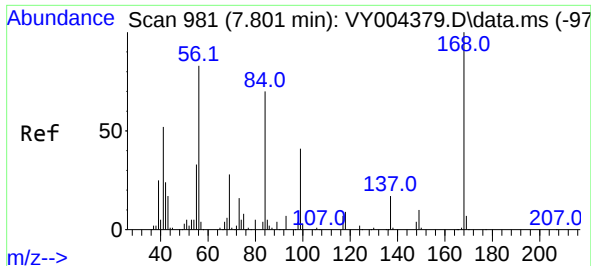
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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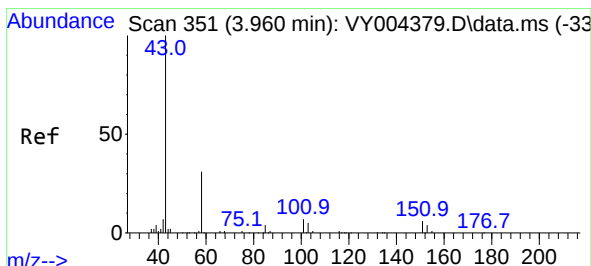
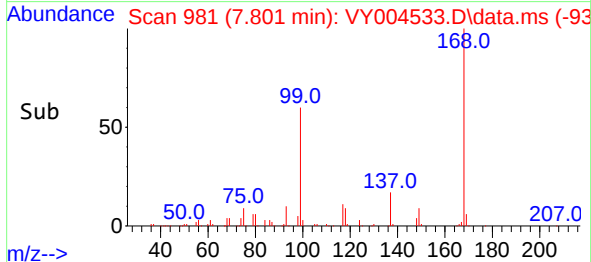
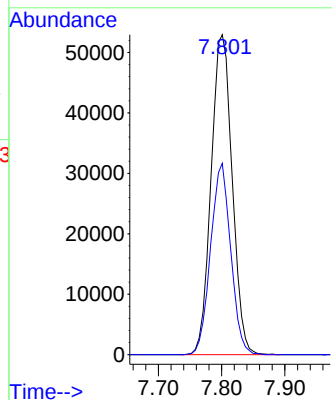
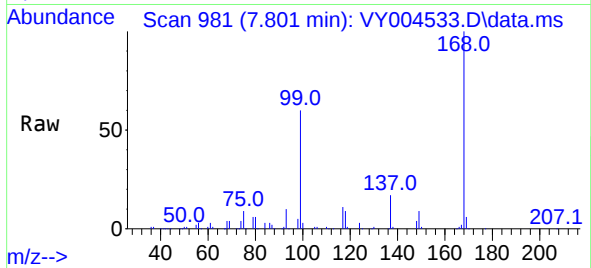




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

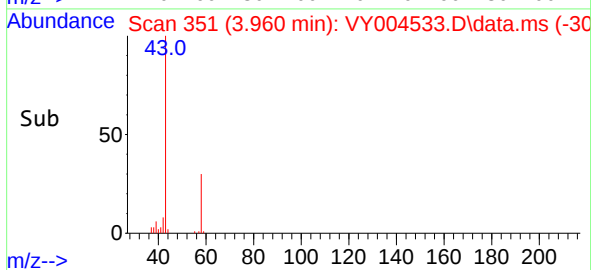
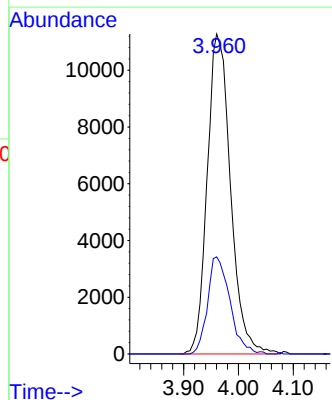
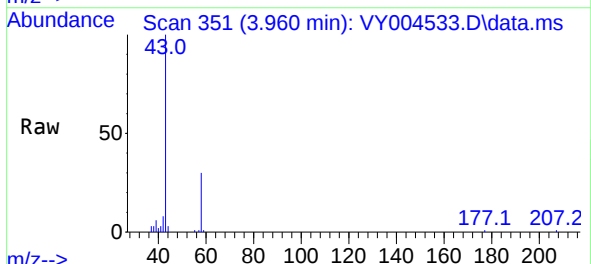
Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-12

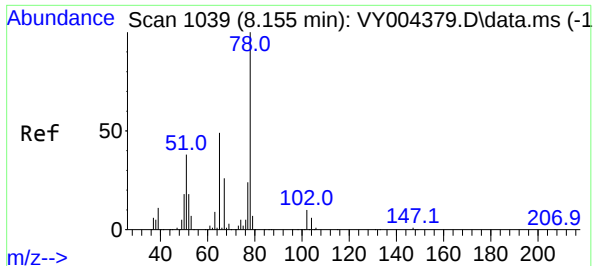
Tgt Ion:168 Resp: 122355
Ion Ratio Lower Upper
168 100
99 59.8 45.5 68.3



#16
Acetone
Concen: 104.28 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Tgt Ion: 43 Resp: 33323
Ion Ratio Lower Upper
43 100
58 30.4 24.6 37.0

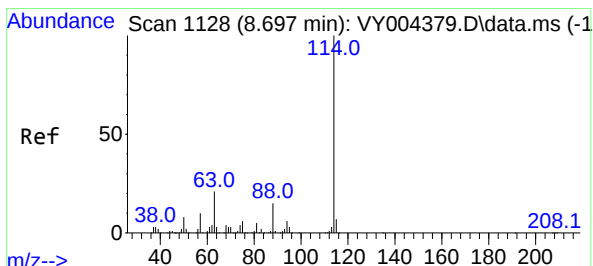
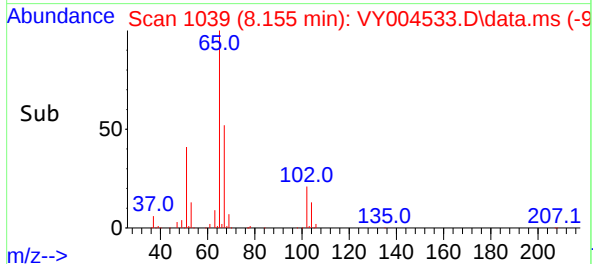
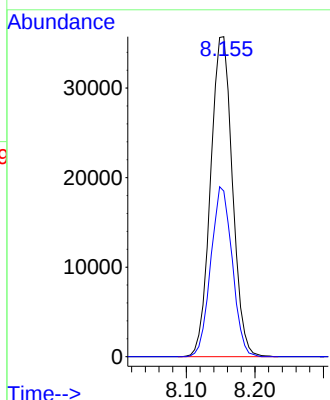
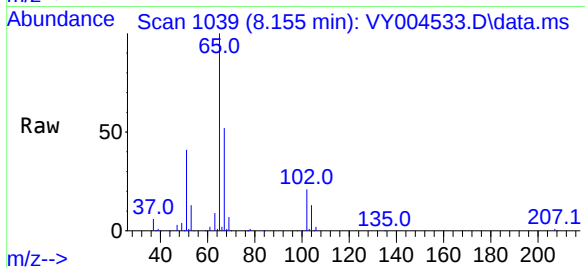




#33
1,2-Dichloroethane-d4
Concen: 58.16 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

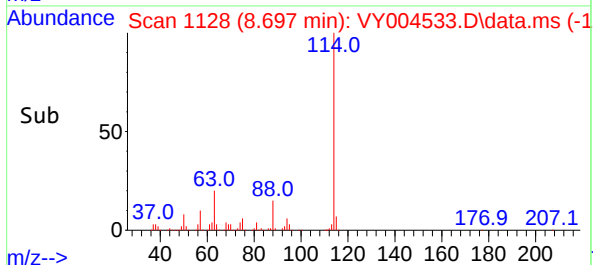
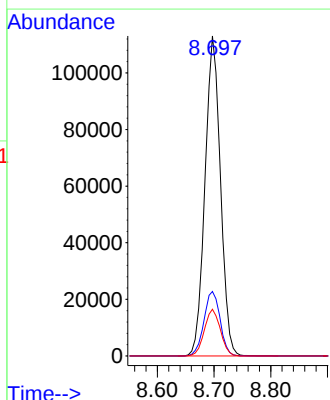
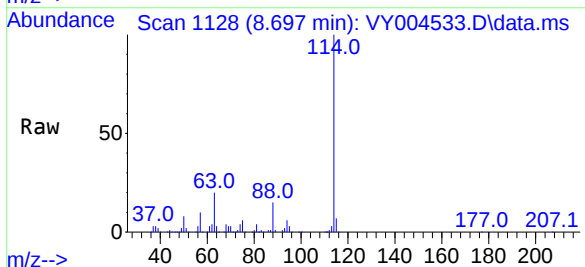
Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-12

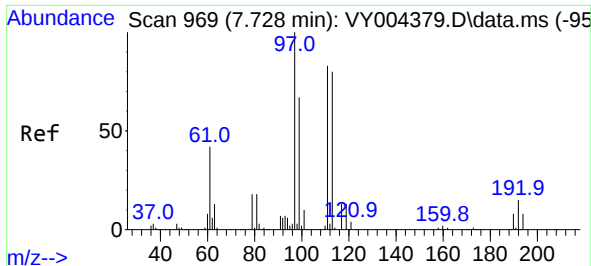
Tgt Ion: 65 Resp: 79059
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Tgt Ion: 114 Resp: 214061
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 14.6 0.0 30.8

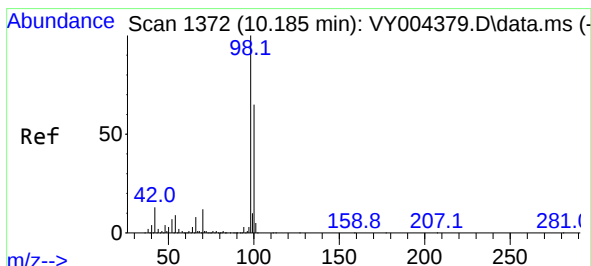
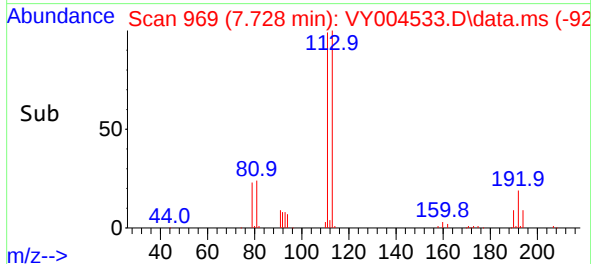
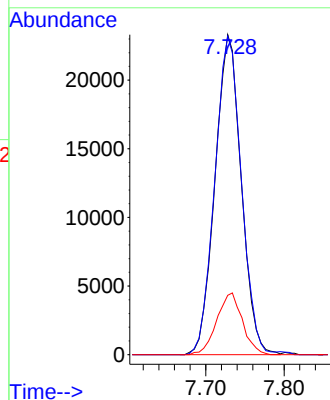
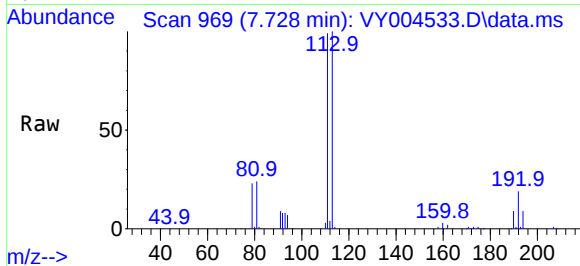




#35
Dibromofluoromethane
Concen: 45.65 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

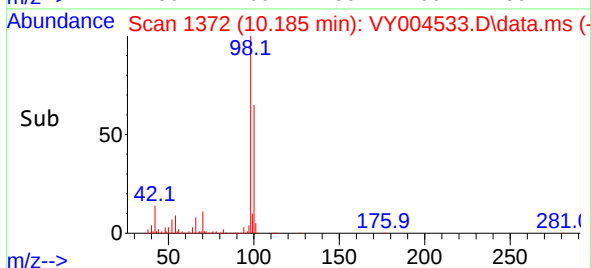
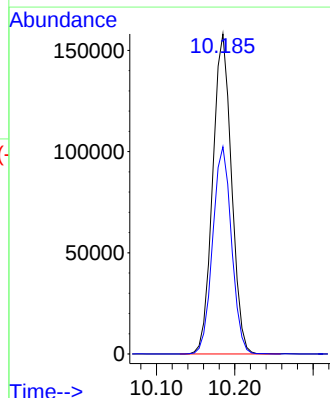
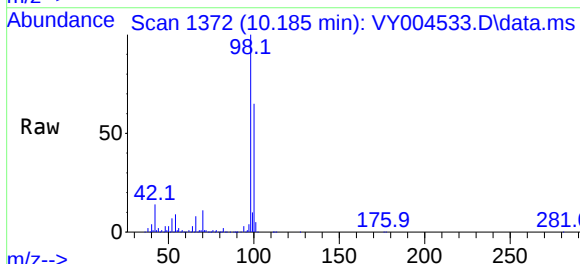
Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-12

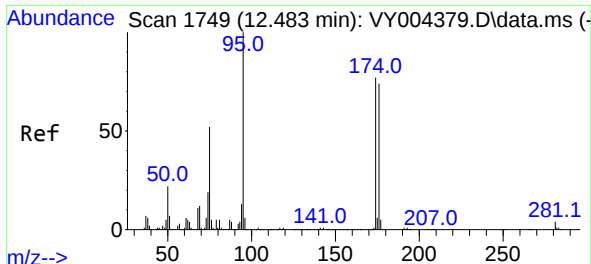
Tgt Ion:	113	Resp:	54228
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	123.8
192	18.9	16.1	24.1



#50
Toluene-d8
Concen: 52.09 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Tgt Ion:	98	Resp:	263219
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.6

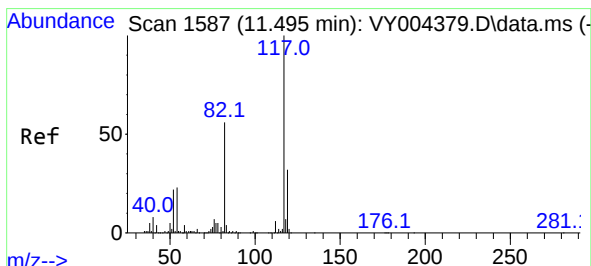
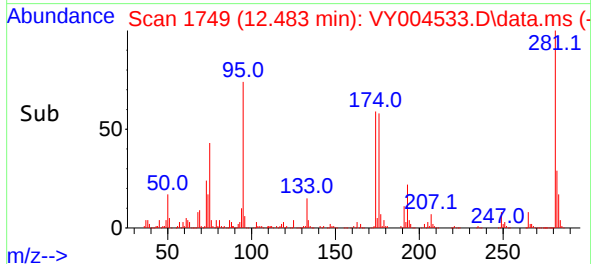
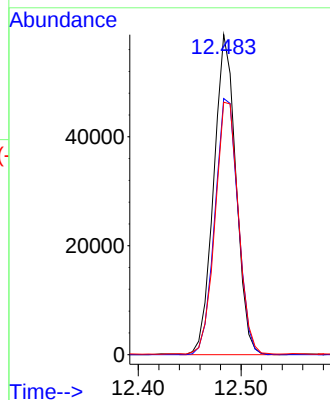
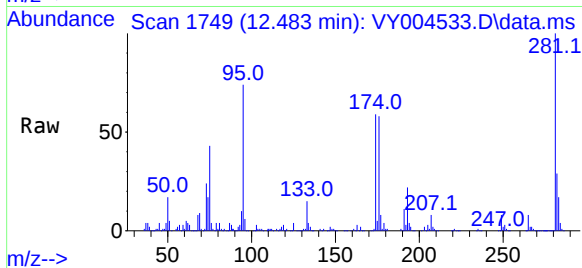




#62
4-Bromofluorobenzene
Concen: 51.36 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

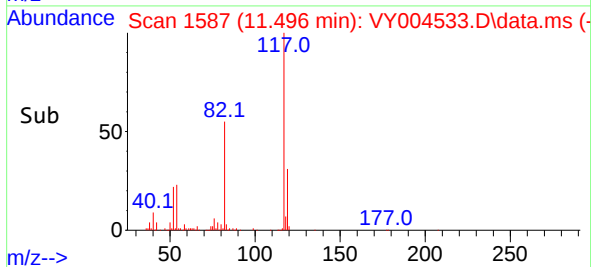
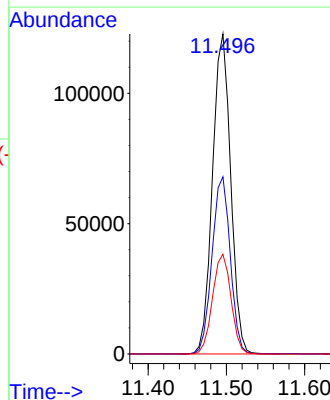
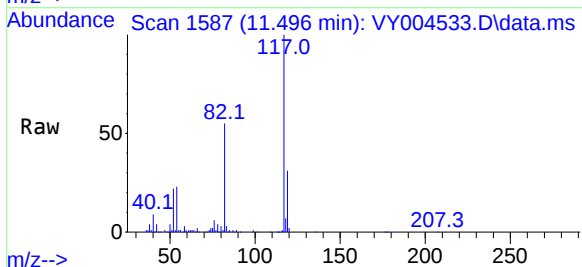
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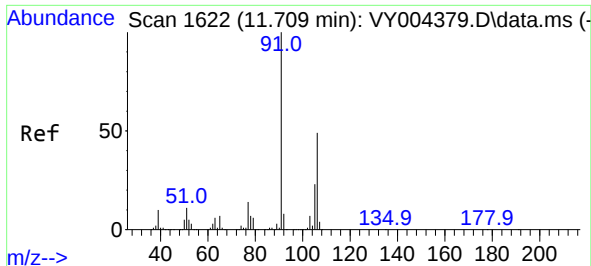
Tgt Ion:	95	Resp:	88067
Ion Ratio	100	Lower	Upper
174	83.4	0.0	162.4
176	82.5	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Tgt Ion:	117	Resp:	197865
Ion Ratio	100	Lower	Upper
82	55.3	44.9	67.3
119	31.2	25.4	38.0

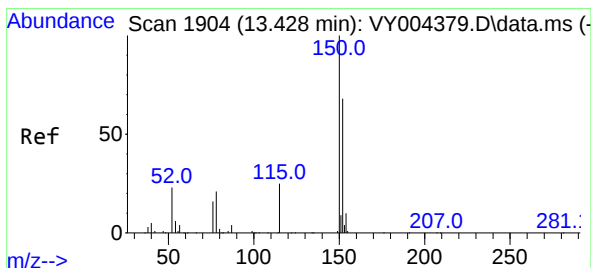
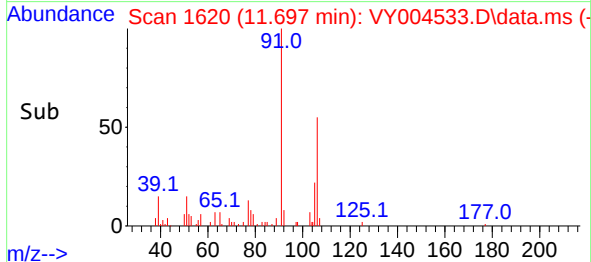
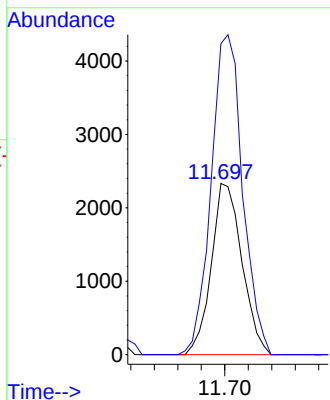
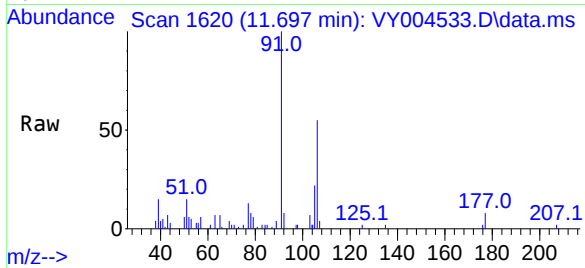




#68
m/p-Xylenes
Concen: 1.50 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.012 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

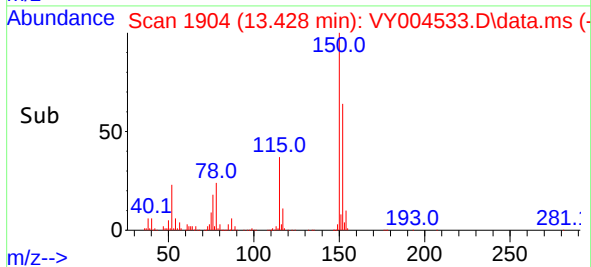
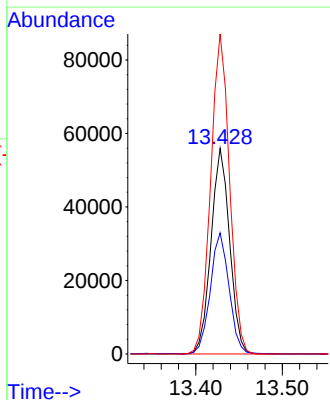
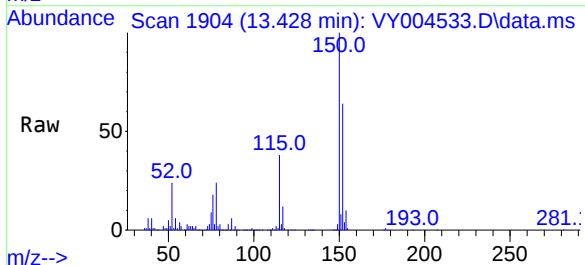
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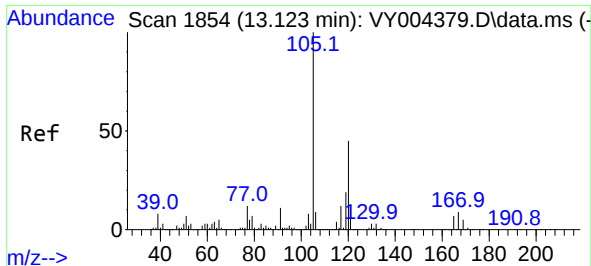
Tgt Ion:106 Resp: 4220
Ion Ratio Lower Upper
106 100
91 192.3 163.2 244.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Tgt Ion:152 Resp: 83600
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.8
150 157.4 0.0 348.4

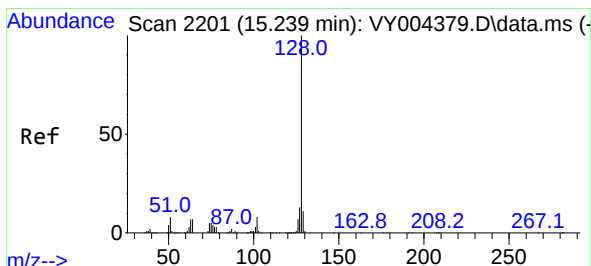
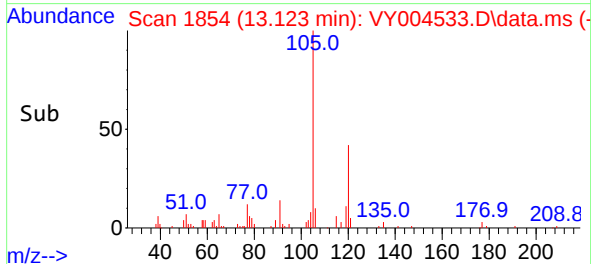
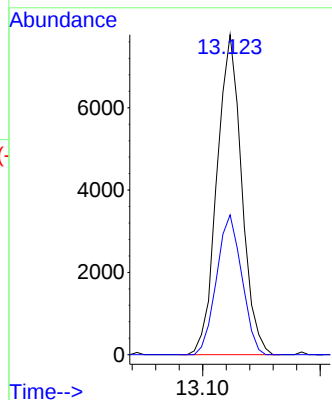
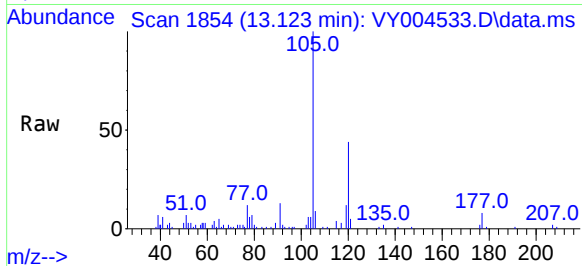




#84
1,2,4-Trimethylbenzene
Concen: 2.15 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Instrument :
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Tgt Ion:105 Resp: 11380
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3



#95
Naphthalene
Concen: 8.10 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Tgt Ion:128 Resp: 27944
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.2 8.8 13.2

