

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004520.D
 Acq On : 20 Apr 2021 11:52
 Operator : SY/MD
 Sample : M2076-18
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18-14.5-15.0

Quant Time: Apr 21 08:49:14 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)

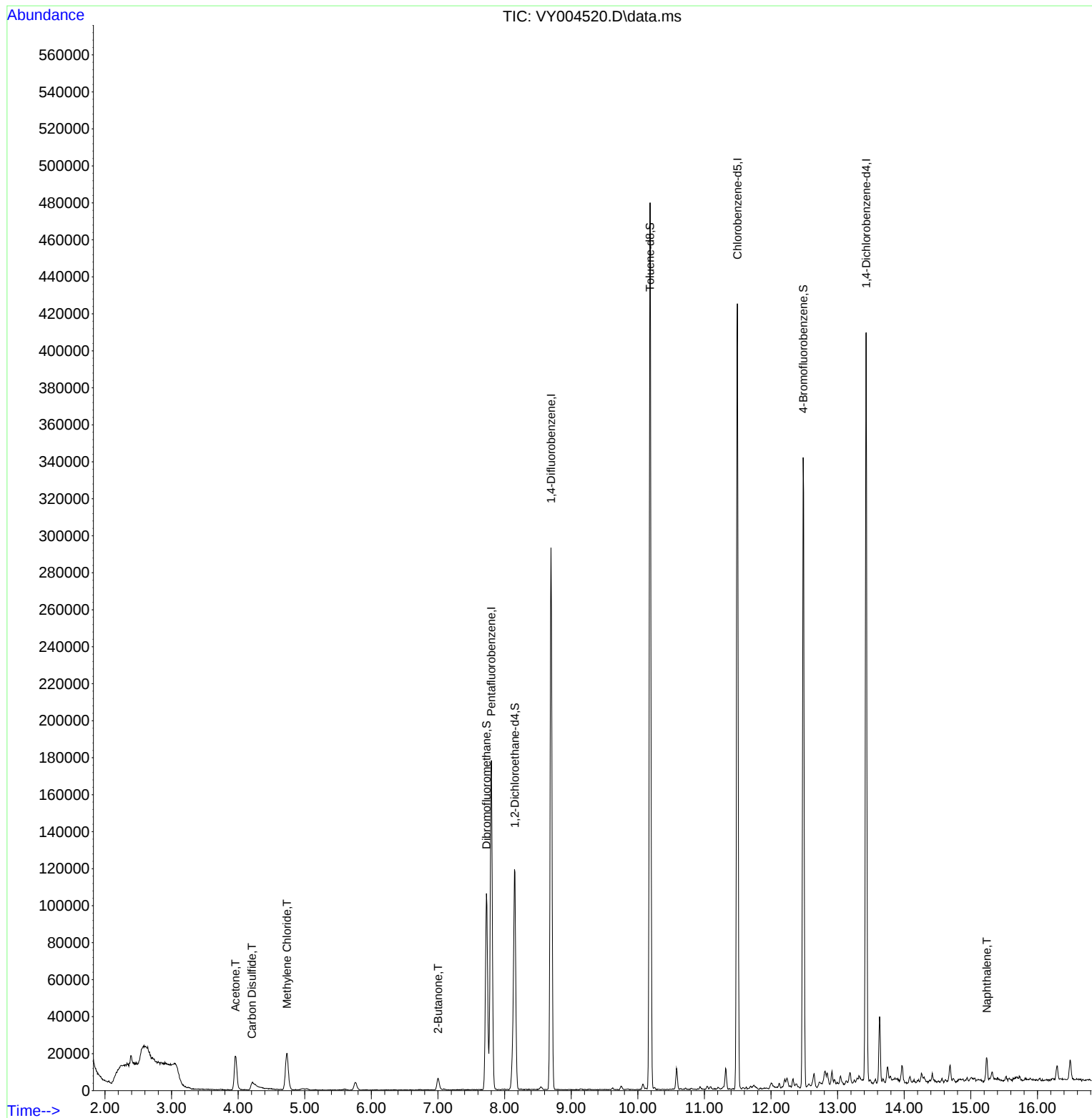
Internal Standards						
1) Pentafluorobenzene	7.801	168	132693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	219018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	86452	58.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.28%
35) Dibromofluoromethane	7.728	113	71795	54.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.32%
50) Toluene-d8	10.185	98	290978	52.08	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.16%
62) 4-Bromofluorobenzene	12.483	95	95834	50.55	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.10%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	33403	94.81	ug/l	95
17) Carbon Disulfide	4.204	76	6304	1.59	ug/l	97
20) Methylene Chloride	4.735	84	13937	9.79	ug/l	98
25) 2-Butanone	7.002	43	10787	19.21	ug/l #	89
95) Naphthalene	15.239	128	10694	2.67	ug/l	98

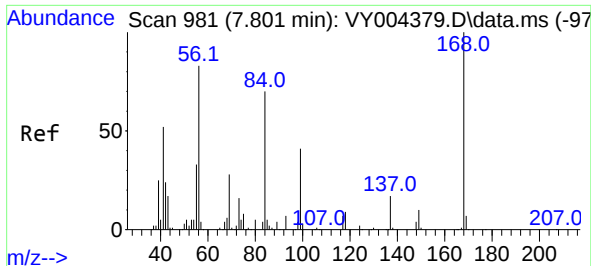
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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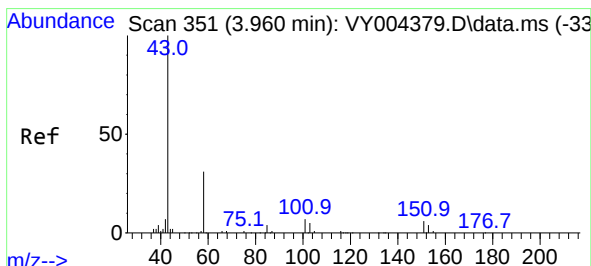
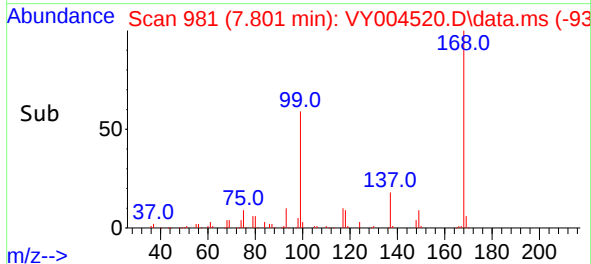
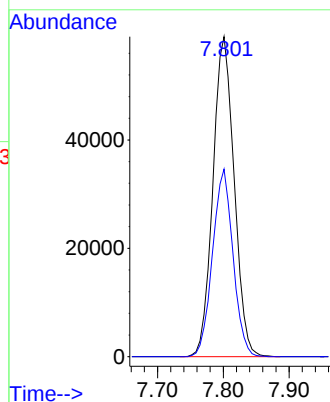
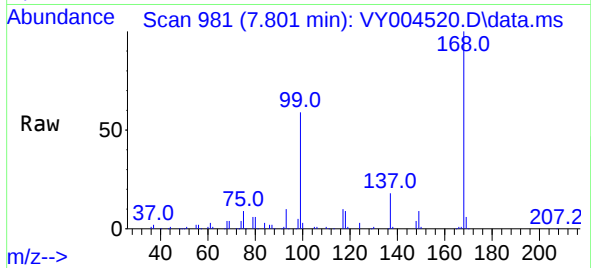




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

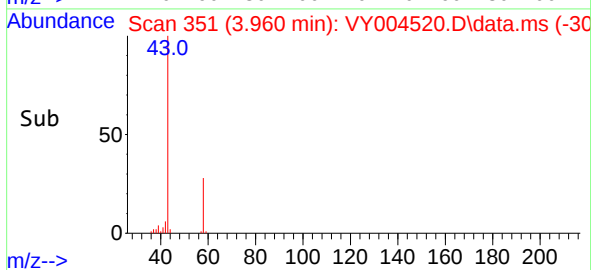
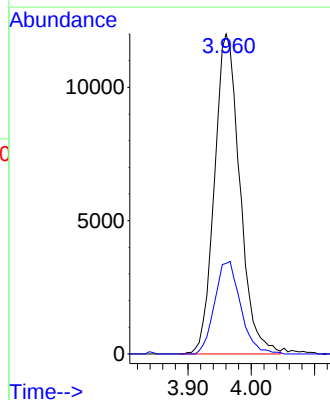
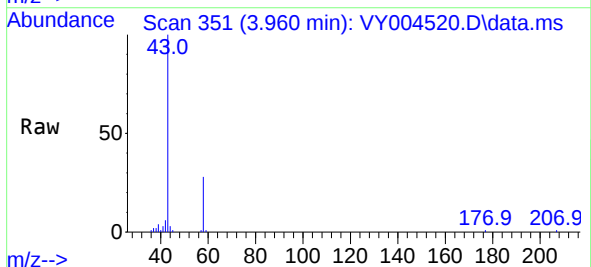
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-14.5-15.0

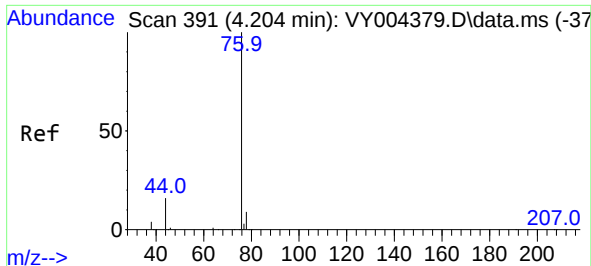
Tgt Ion:168 Resp: 132693
Ion Ratio Lower Upper
168 100
99 58.6 45.5 68.3



#16
Acetone
Concen: 94.81 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 43 Resp: 33403
Ion Ratio Lower Upper
43 100
58 28.3 24.6 37.0

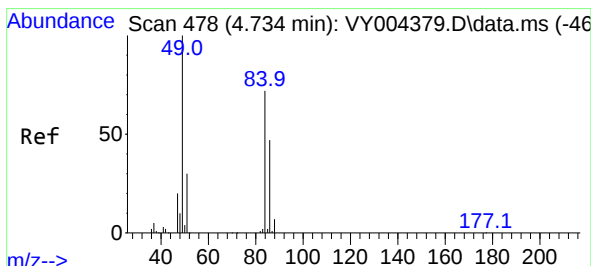
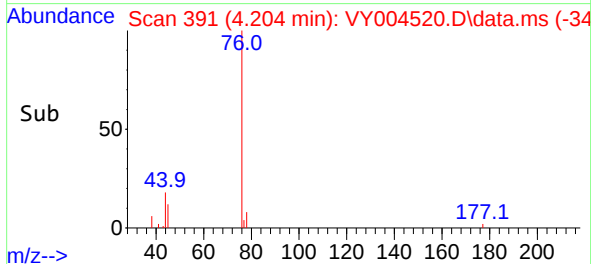
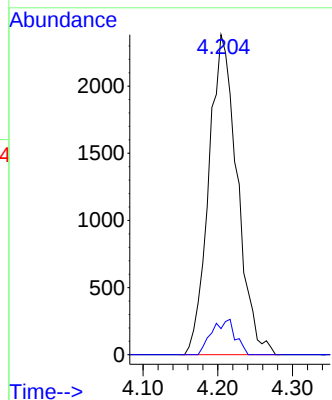
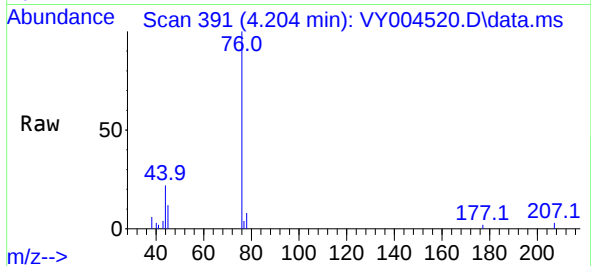




#17
Carbon Disulfide
Concen: 1.59 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

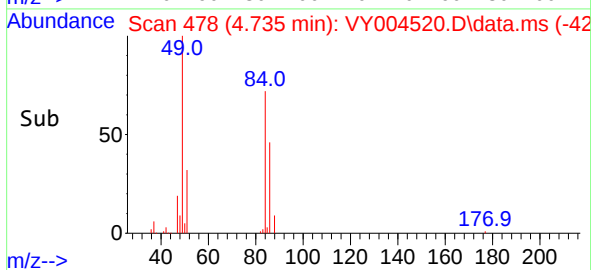
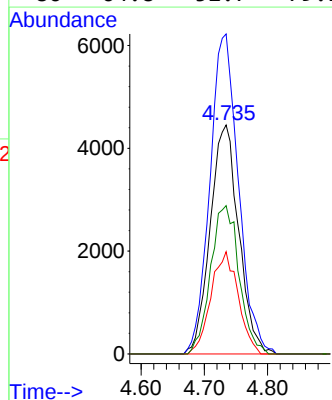
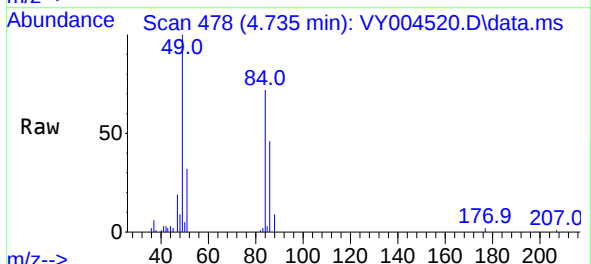
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-14.5-15.0

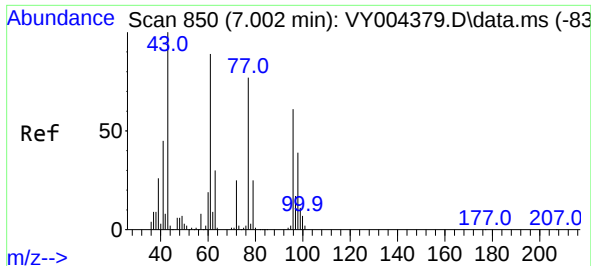
Tgt Ion: 76 Resp: 6304
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#20
Methylene Chloride
Concen: 9.79 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 84 Resp: 13937
Ion Ratio Lower Upper
84 100
49 139.8 111.2 166.8
51 44.7 33.4 50.2
86 64.8 52.7 79.1

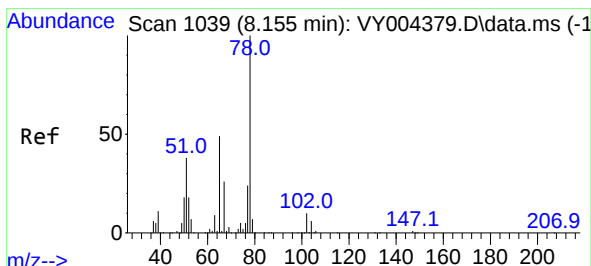
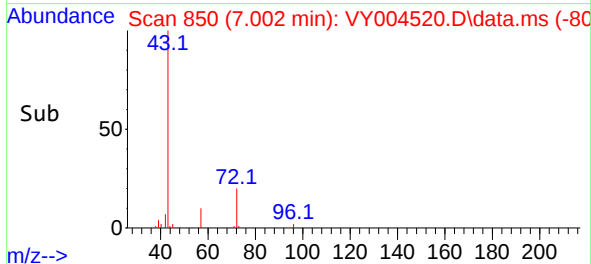
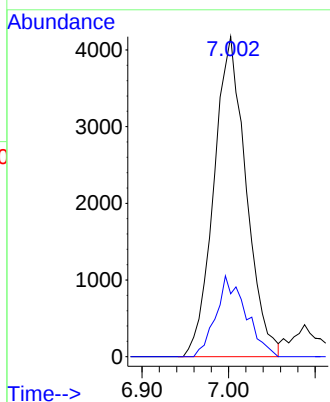
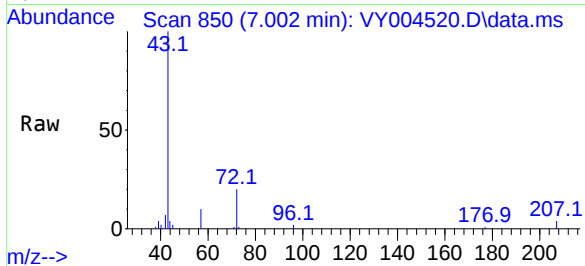




#25
2-Butanone
Concen: 19.21 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

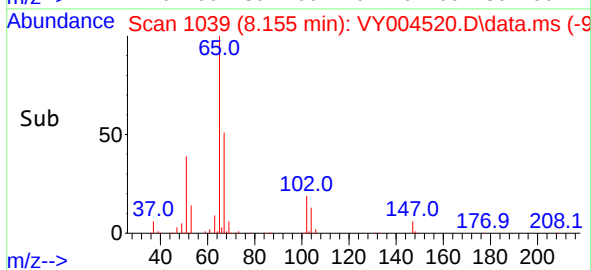
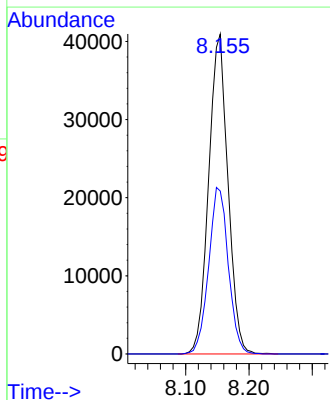
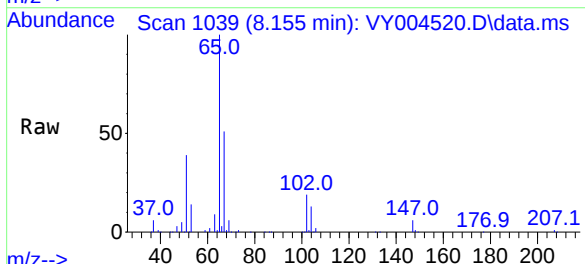
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-14.5-15.0

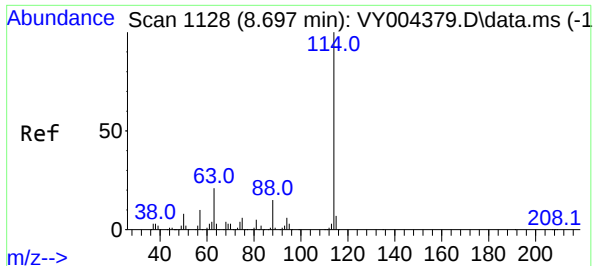
Tgt Ion: 43 Resp: 10787
Ion Ratio Lower Upper
43 100
72 19.7 20.2 30.2#



#33
1,2-Dichloroethane-d4
Concen: 58.64 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 65 Resp: 86452
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: VY004520.D

Acq: 20 Apr 2021 11:52

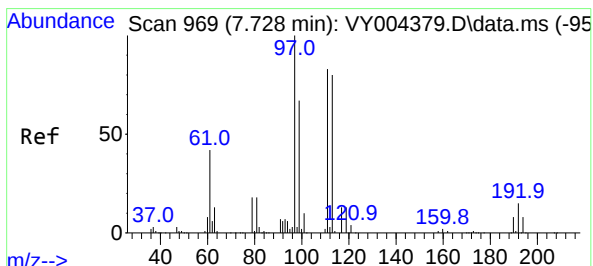
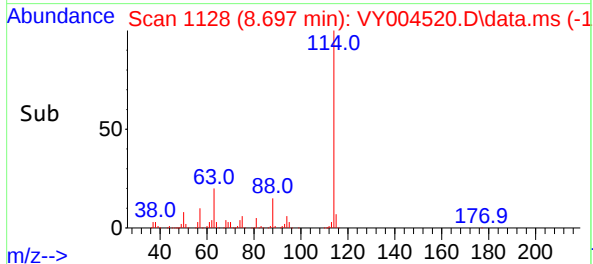
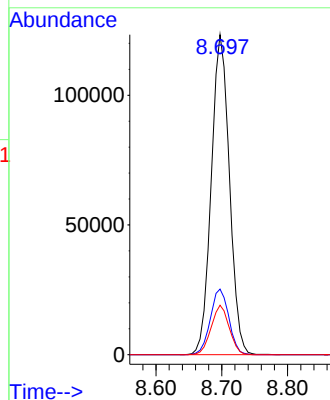
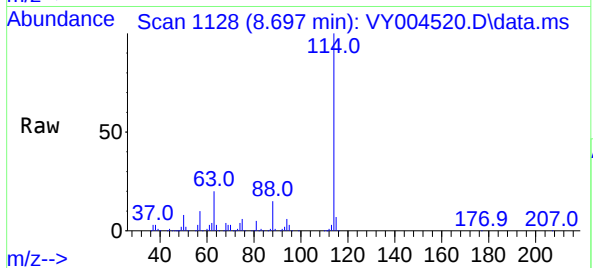
Tgt Ion:114 Resp: 236677

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.66 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004520.D

Acq: 20 Apr 2021 11:52

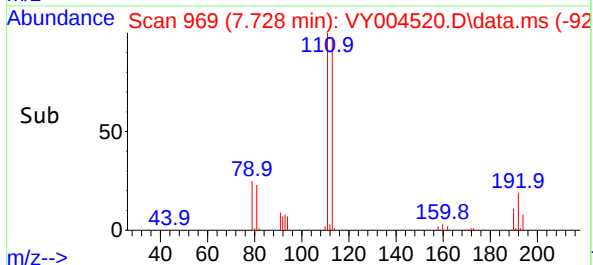
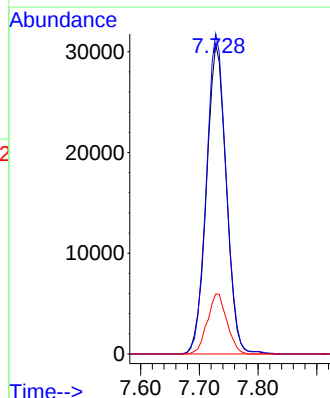
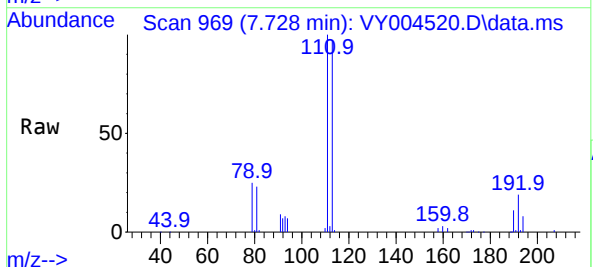
Tgt Ion:113 Resp: 71795

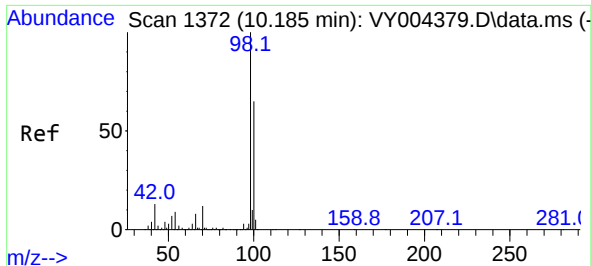
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 19.2 16.1 24.1

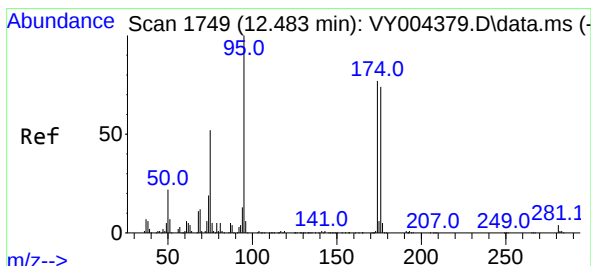
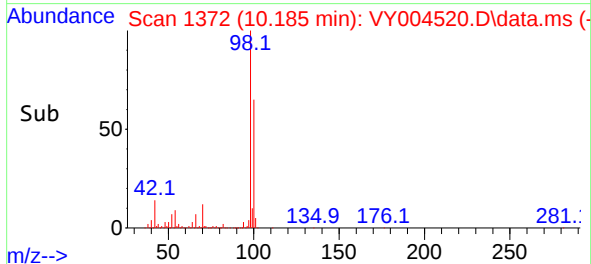
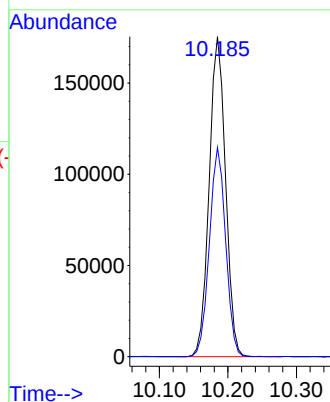
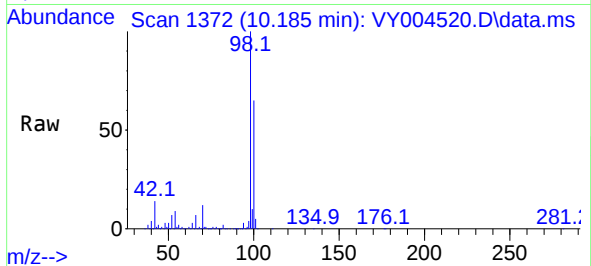




#50
Toluene-d8
Concen: 52.08 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

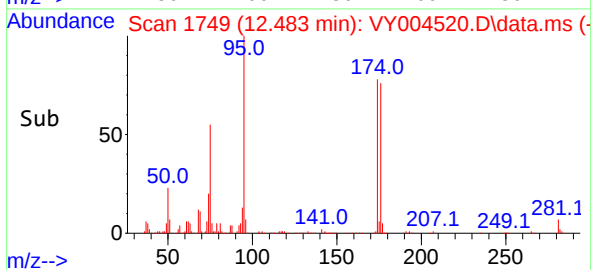
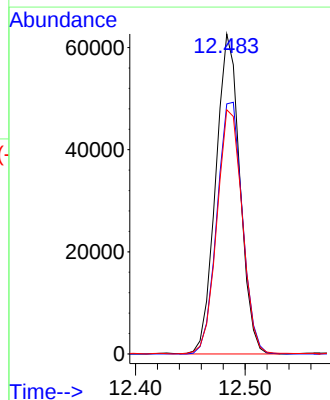
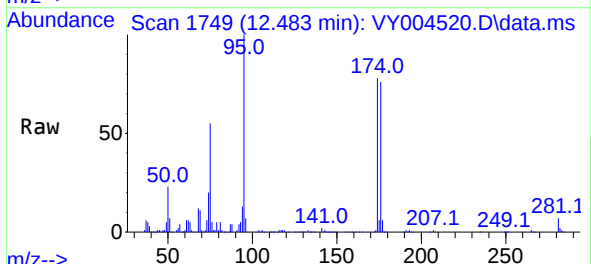
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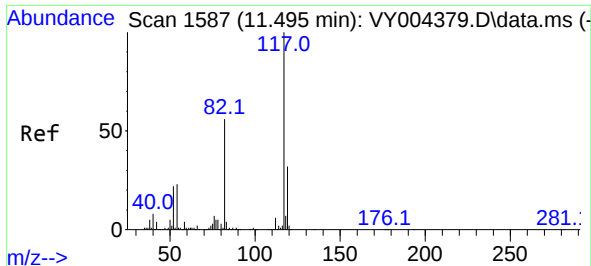
Tgt Ion: 98 Resp: 290978
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.55 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 95 Resp: 95834
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 80.2 0.0 156.0

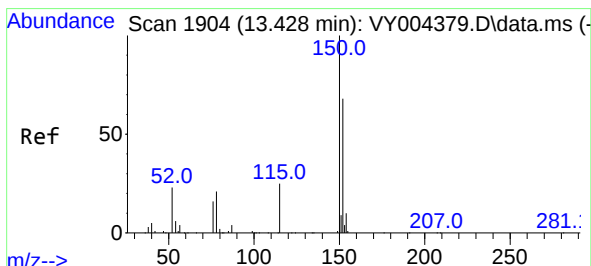
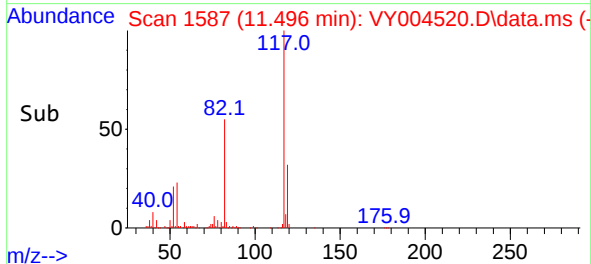
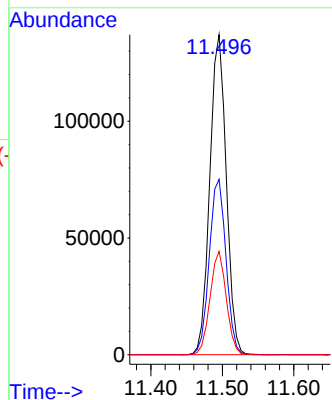
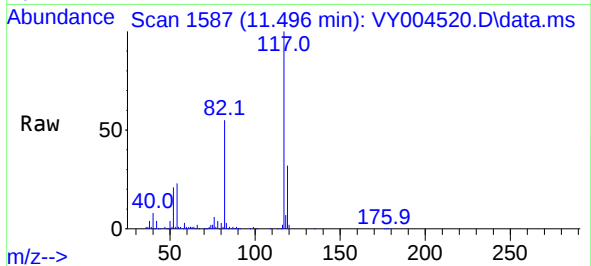




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

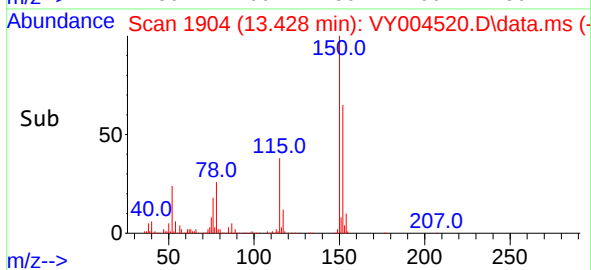
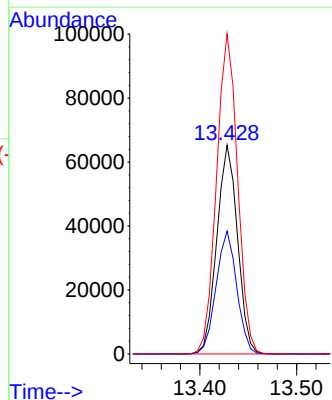
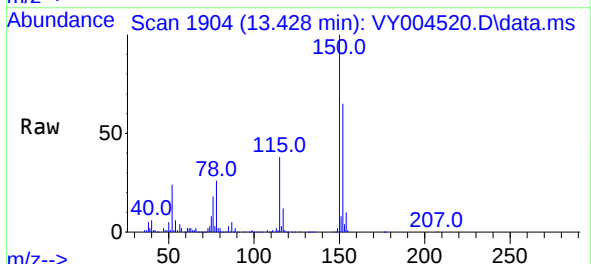
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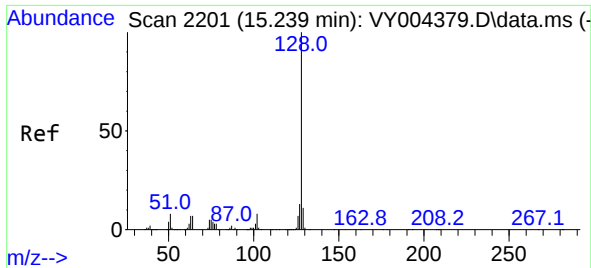
Tgt Ion:	117	Resp:	219018
Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.9	67.3
119	32.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

Tgt Ion:	152	Resp:	96909
Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.6	88.8
150	155.6	0.0	348.4





#95
Naphthalene
Concen: 2.67 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004520.D
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Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	128	Resp:	10694
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	12.1	8.8	13.2

