

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004601.D
 Acq On : 23 Apr 2021 13:39
 Operator : SY/MD
 Sample : M2149-03
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-36-10.5-11.0

Quant Time: Apr 26 10:18:12 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)

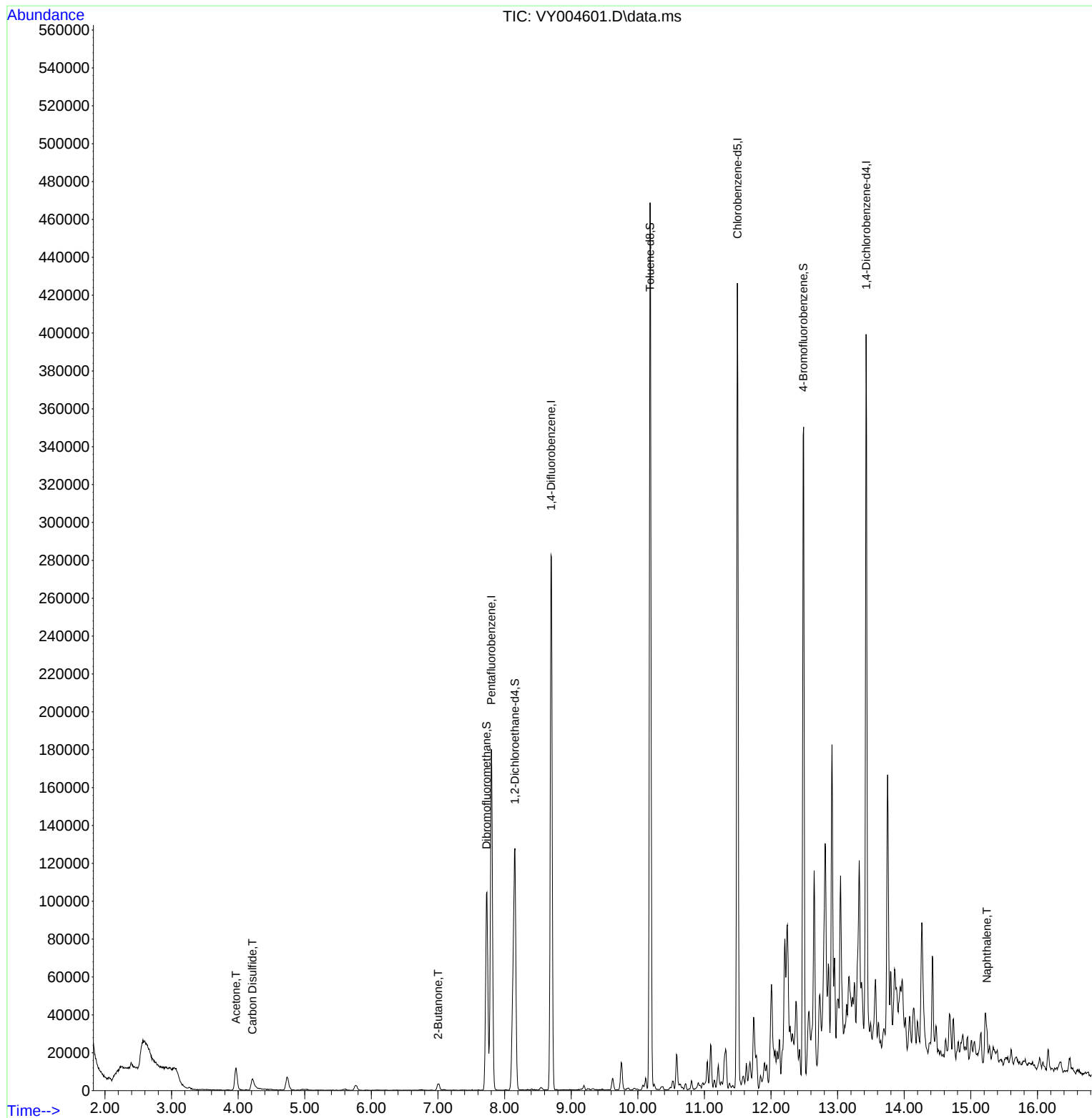
Internal Standards						
1) Pentafluorobenzene	7.801	168	133151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	231801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87736	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	86600	58.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.08%
35) Dibromofluoromethane	7.728	113	71496	55.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.16%
50) Toluene-d8	10.185	98	285281	52.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.28%
62) 4-Bromofluorobenzene	12.483	95	94095	50.68	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.36%
Target Compounds						
16) Acetone	3.966	43	21141	52.10	ug/l	98
17) Carbon Disulfide	4.216	76	11090	2.79	ug/l	98
25) 2-Butanone	7.002	43	6576	11.67	ug/l #	89
95) Naphthalene	15.239	128	14636	4.04	ug/l	96

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

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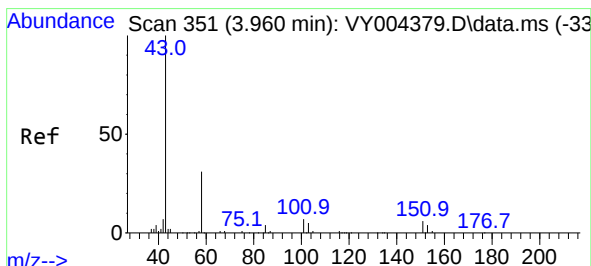
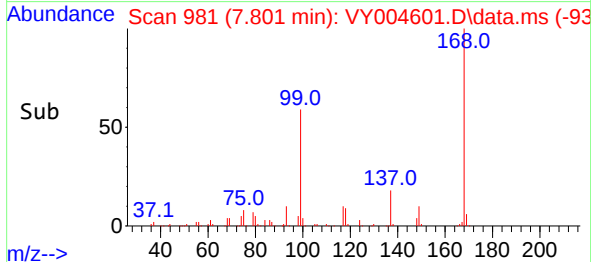
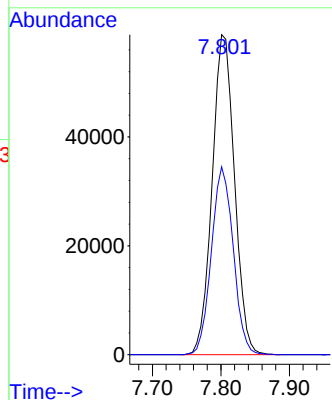
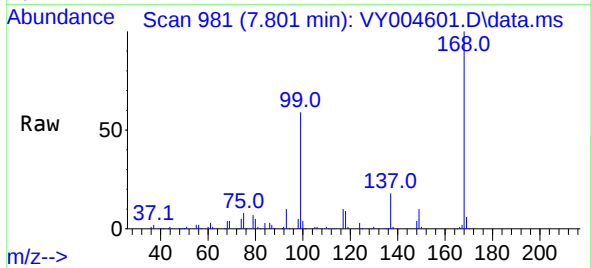




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

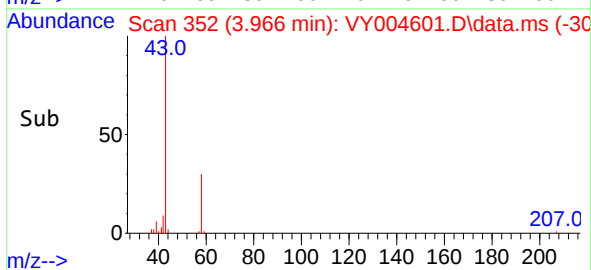
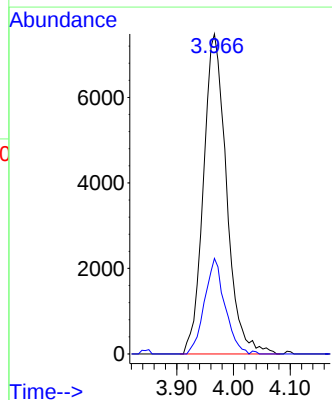
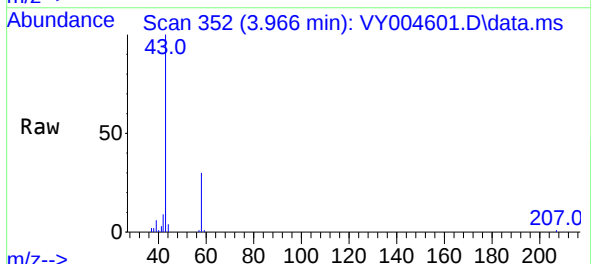
Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

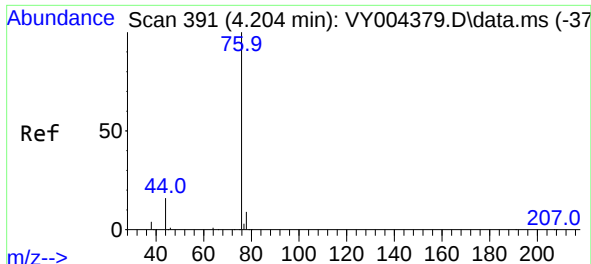
Tgt Ion:168 Resp: 133151
Ion Ratio Lower Upper
168 100
99 58.7 45.5 68.3



#16
Acetone
Concen: 52.10 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 43 Resp: 21141
Ion Ratio Lower Upper
43 100
58 29.8 24.6 37.0

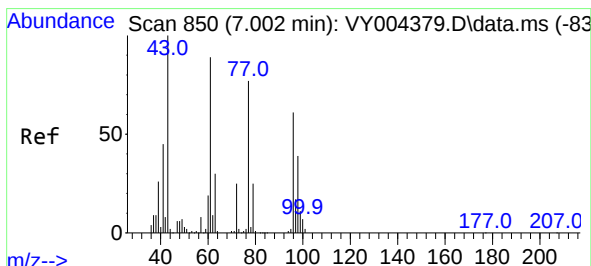
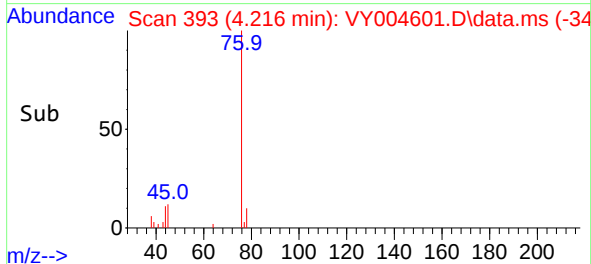
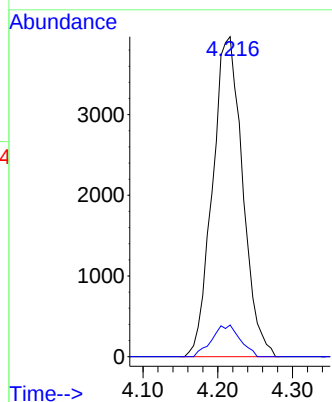
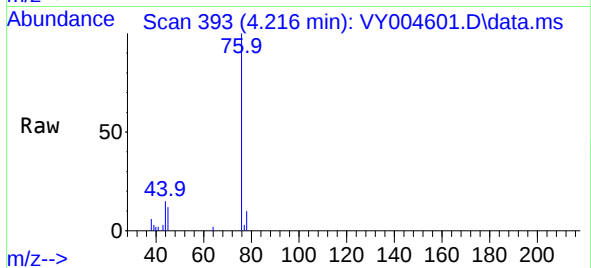




#17
Carbon Disulfide
Concen: 2.79 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.012 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

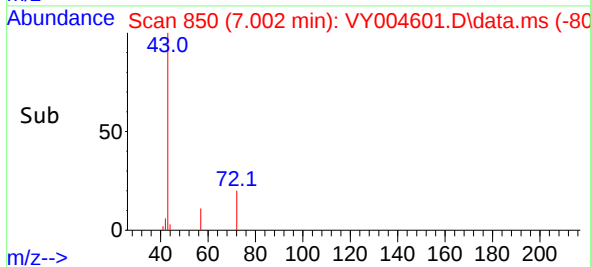
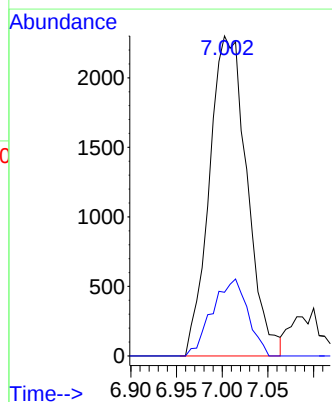
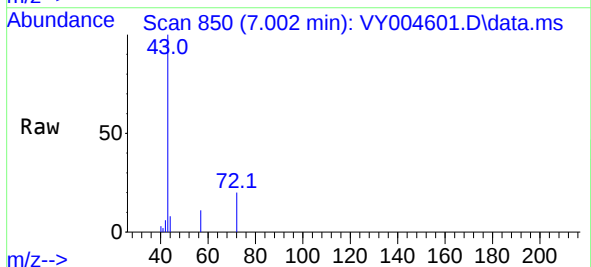
Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

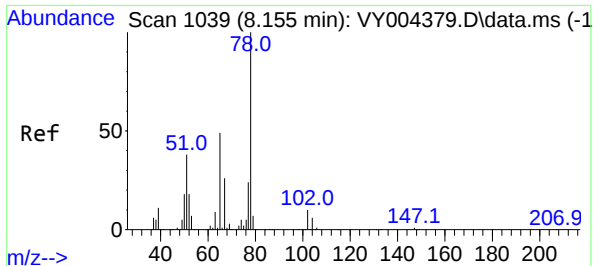
Tgt Ion: 76 Resp: 11090
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2



#25
2-Butanone
Concen: 11.67 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 43 Resp: 6576
Ion Ratio Lower Upper
43 100
72 19.9 20.2 30.2#

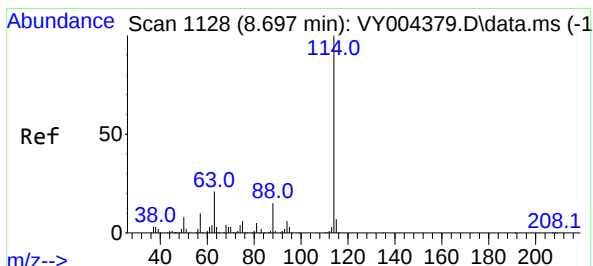
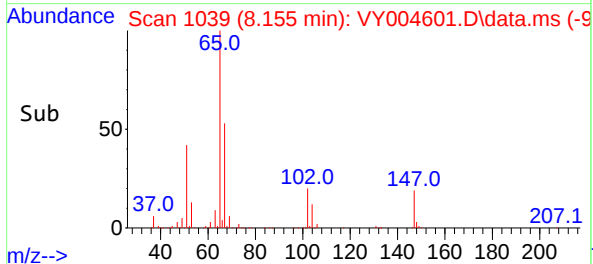
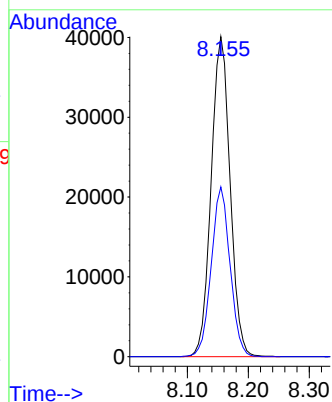
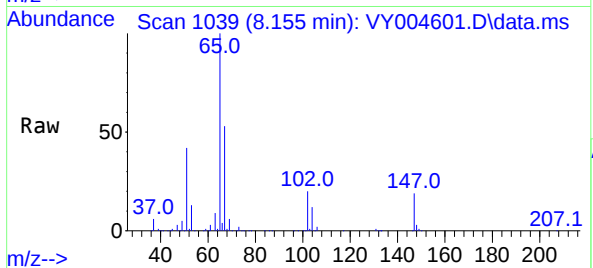




#33
1,2-Dichloroethane-d4
Concen: 58.54 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

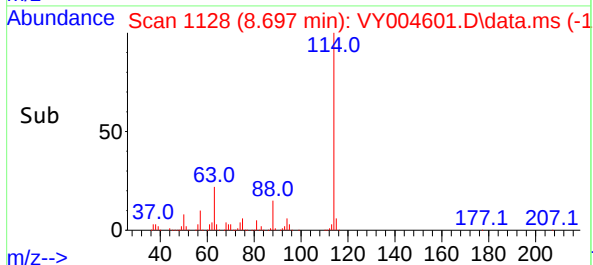
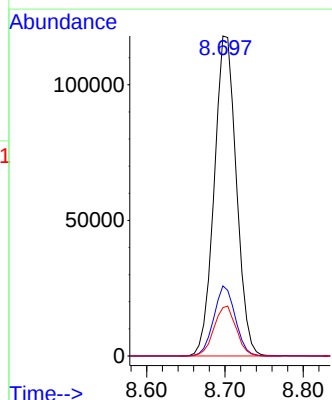
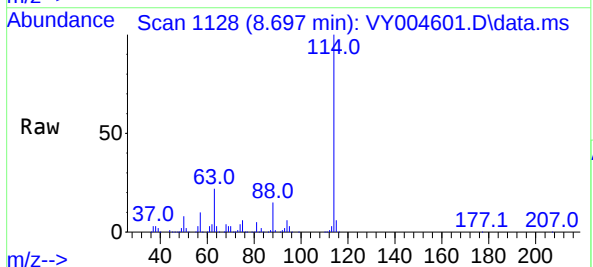
Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

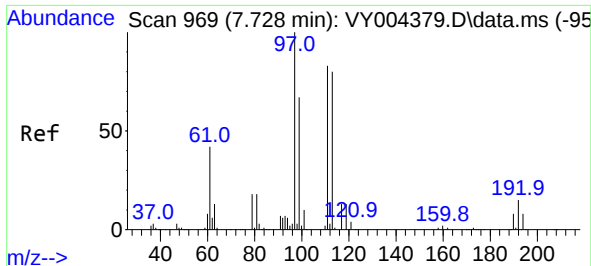
Tgt Ion: 65 Resp: 86600
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 114 Resp: 231801
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.4
88 15.1 0.0 30.8

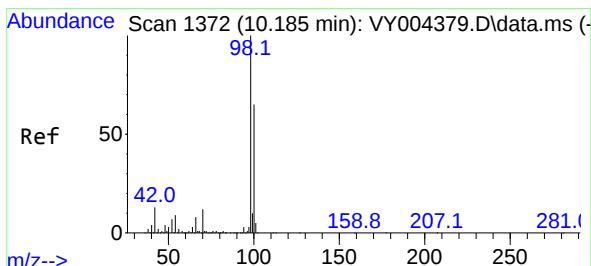
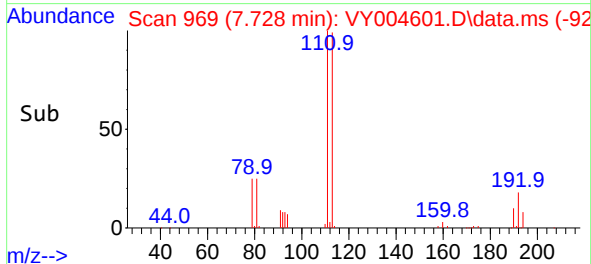
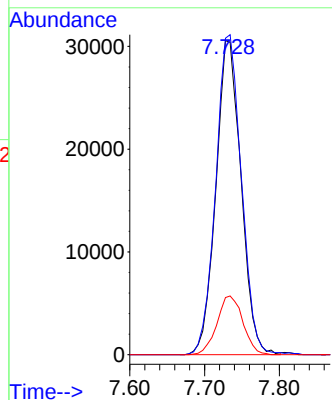
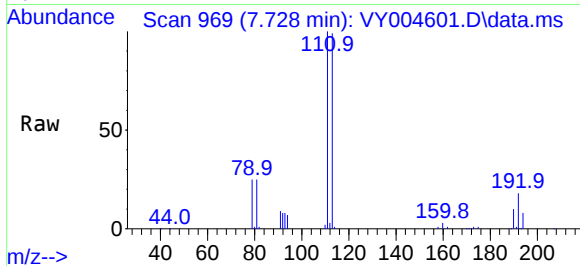




#35
Dibromofluoromethane
Concen: 55.58 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

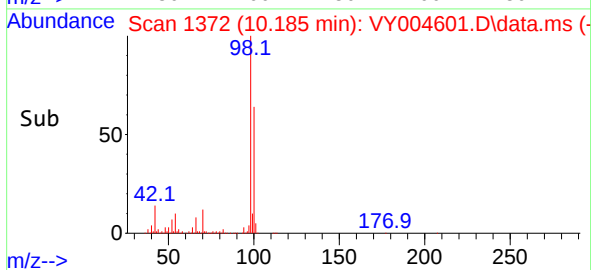
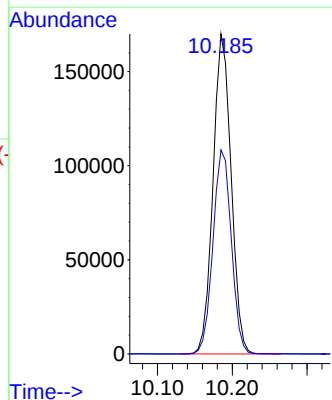
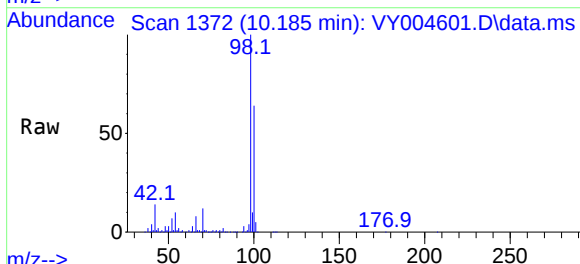
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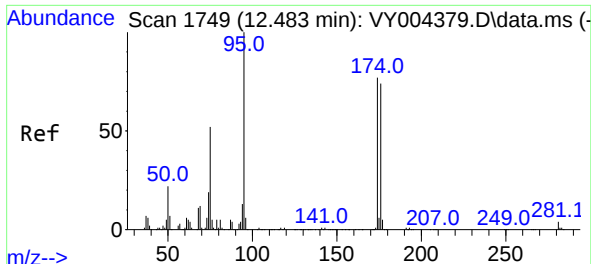
Tgt Ion:	113	Resp:	71496
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	19.3	16.1	24.1



#50
Toluene-d8
Concen: 52.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion:	98	Resp:	285281
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.6

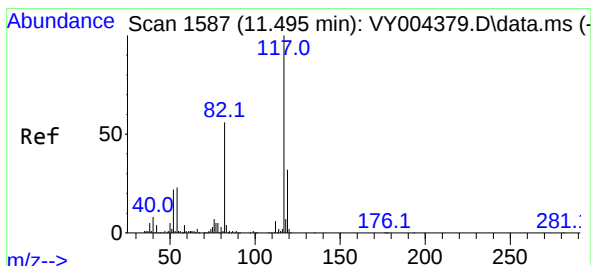
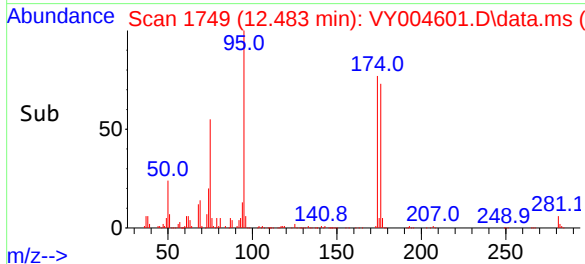
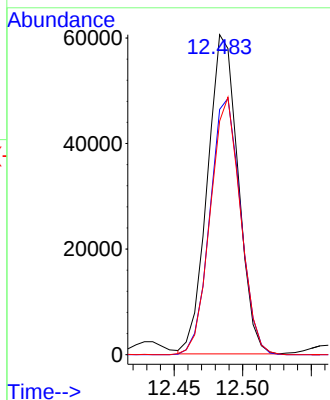
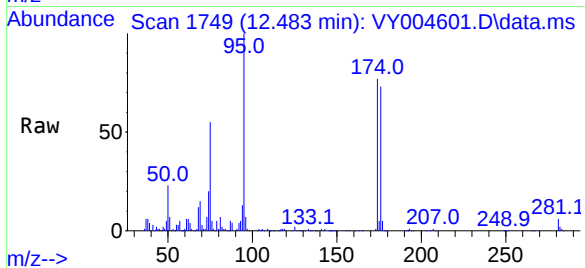




#62
4-Bromofluorobenzene
Concen: 50.68 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

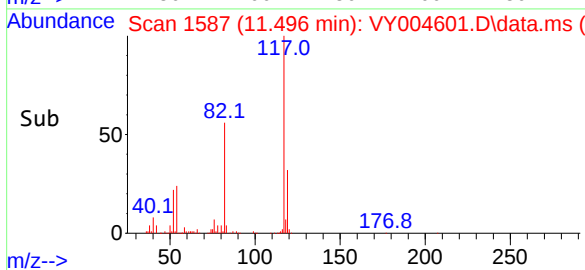
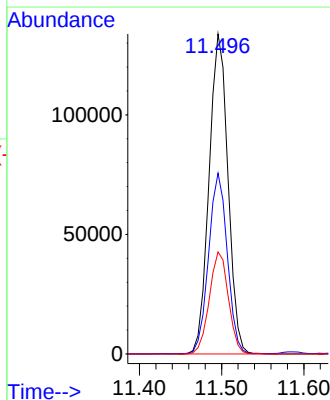
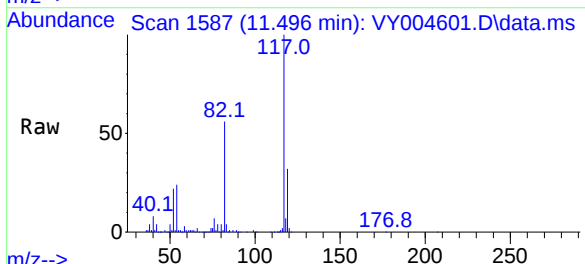
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SB-36-10.5-11.0

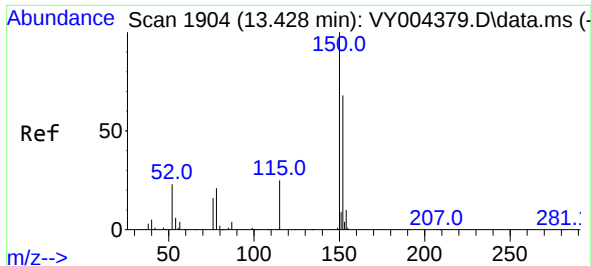
Tgt Ion:	95	Resp:	94095
Ion Ratio	Lower	Upper	
95	100		
174	80.4	0.0	162.4
176	79.1	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion:	117	Resp:	213706
Ion Ratio	Lower	Upper	
117	100		
82	56.3	44.9	67.3
119	31.9	25.4	38.0

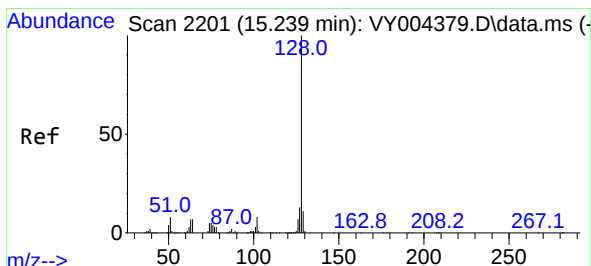
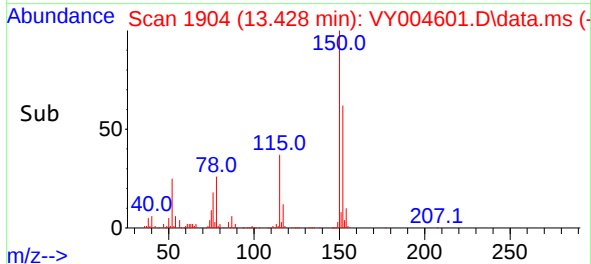
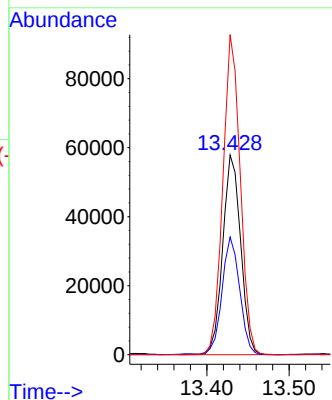
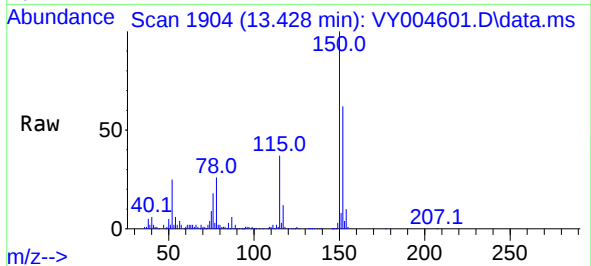




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Instrument :
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ClientSampleId :
SB-36-10.5-11.0

Tgt Ion:152 Resp: 87736
Ion Ratio Lower Upper
152 100
115 57.8 29.6 88.8
150 155.0 0.0 348.4



#95
Naphthalene
Concen: 4.04 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion:128 Resp: 14636
Ion Ratio Lower Upper
128 100
127 14.8 10.2 15.2
129 12.2 8.8 13.2

