

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005614.D
 Acq On : 12 Aug 2021 12:00
 Operator : SY/MD
 Sample : M3345-02
 Misc : 5.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-3-18B

Quant Time: Aug 13 04:20:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

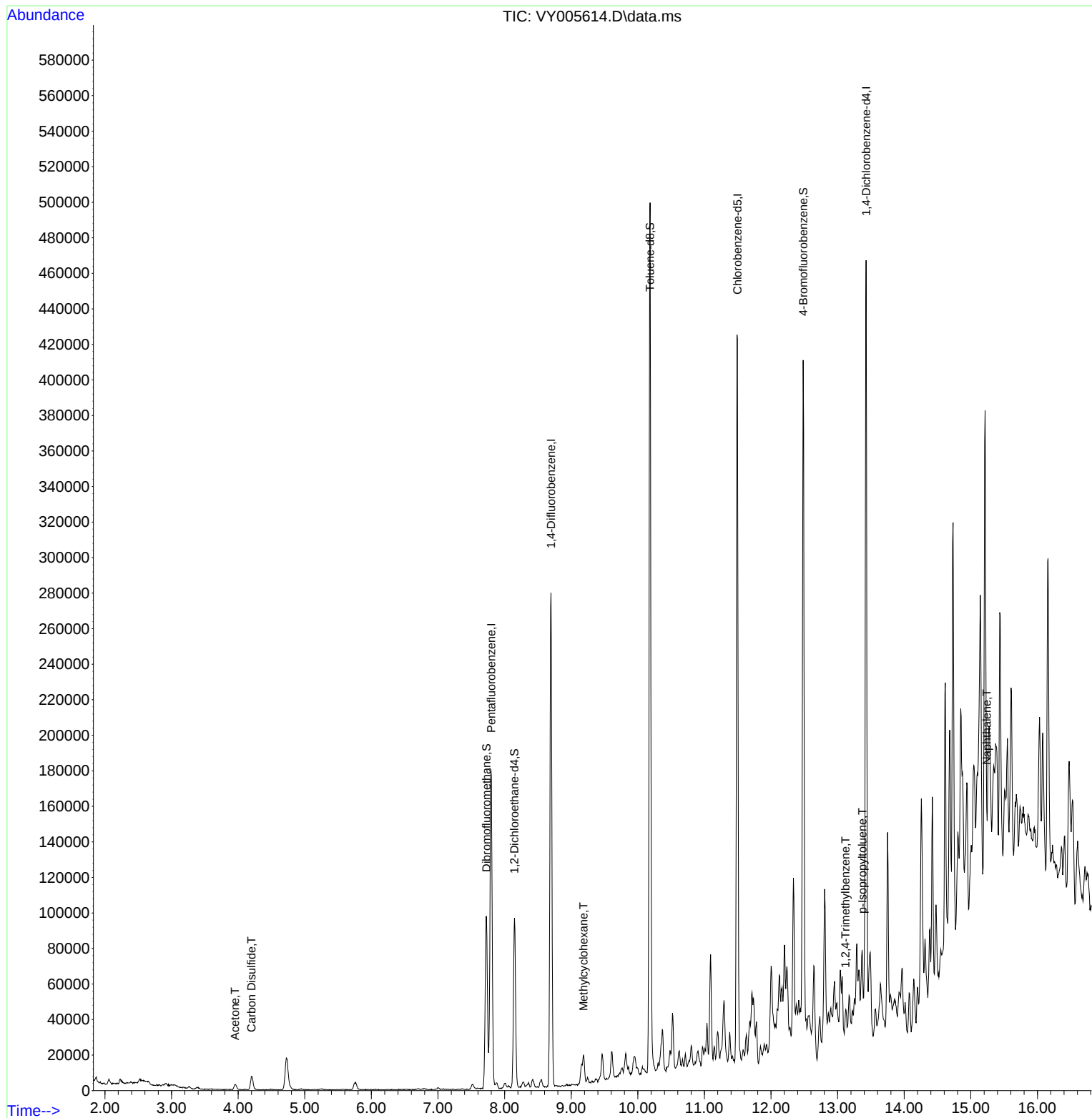
Internal Standards						
1) Pentafluorobenzene	7.801	168	147325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	223792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77739	52.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.260%	
35) Dibromofluoromethane	7.728	113	67129	50.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.800%	
50) Toluene-d8	10.185	98	302097	54.621	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.240%	
62) 4-Bromofluorobenzene	12.483	95	99361	54.250	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.500%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	5037	13.397	ug/l	92
17) Carbon Disulfide	4.198	76	15312	3.912	ug/l #	93
39) Methylcyclohexane	9.185	83	6762	2.406	ug/l	86
84) 1,2,4-Trimethylbenzene	13.117	105	9010	1.440	ug/l	96
86) p-Isopropyltoluene	13.373	119	16940	2.405	ug/l	93
95) Naphthalene	15.239	128	14911	3.405	ug/l #	82

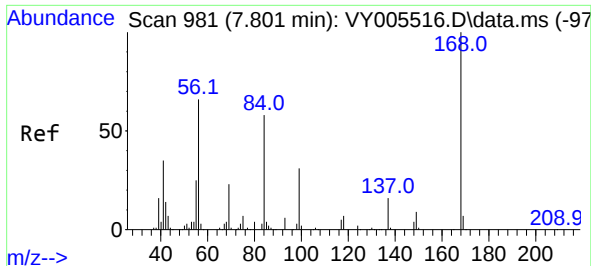
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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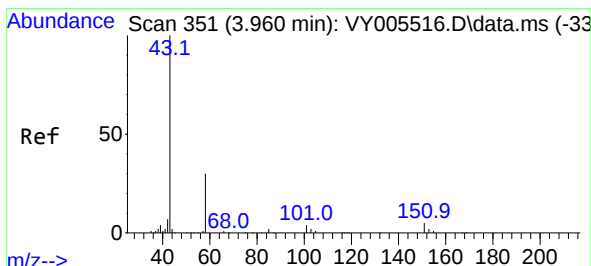
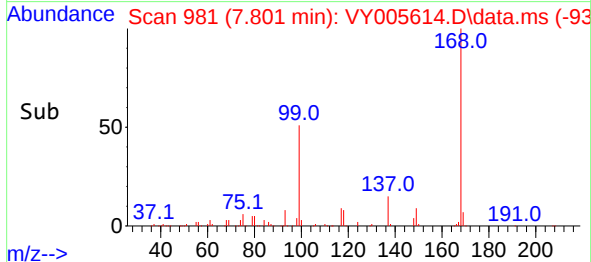
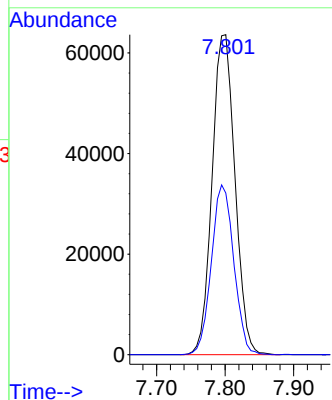
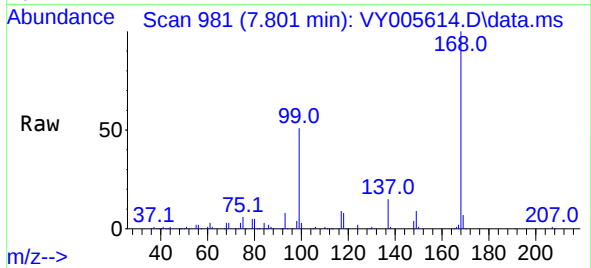




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

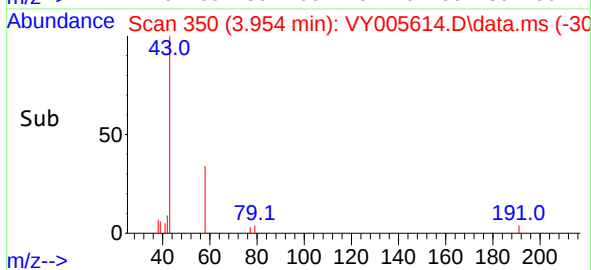
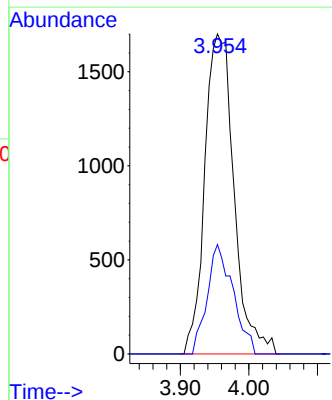
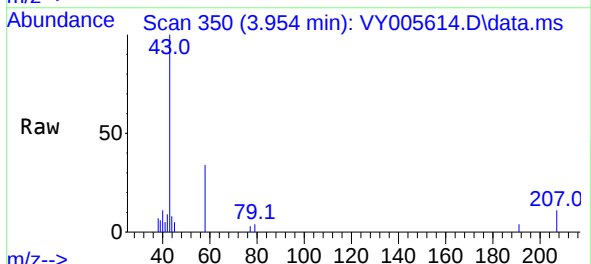
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-3-18B

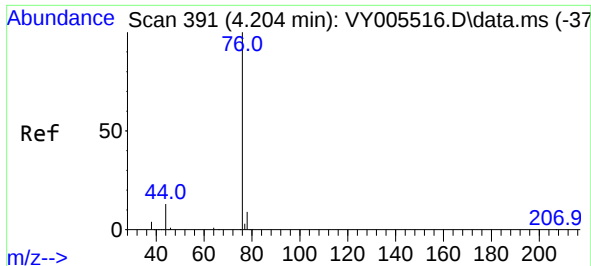
Tgt Ion:168 Resp: 147325
Ion Ratio Lower Upper
168 100
99 50.5 38.9 58.3



#16
Acetone
Concen: 13.397 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

Tgt Ion: 43 Resp: 5037
Ion Ratio Lower Upper
43 100
58 34.2 23.8 35.6

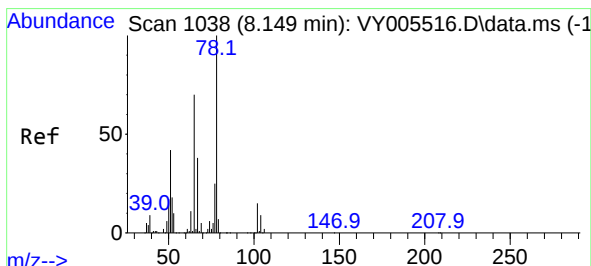
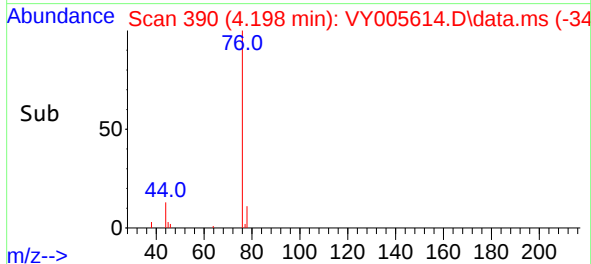
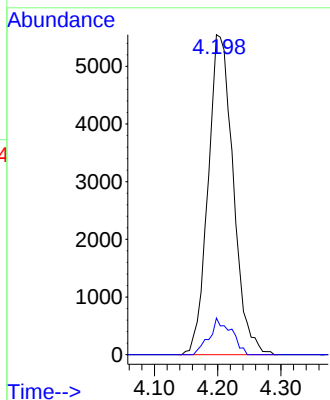
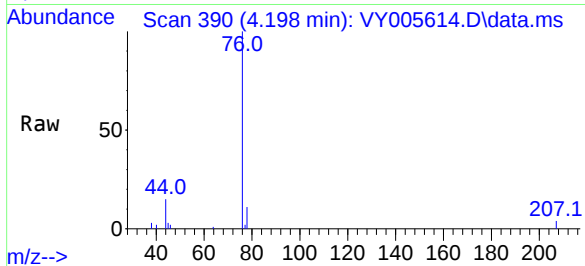




#17
Carbon Disulfide
Concen: 3.912 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

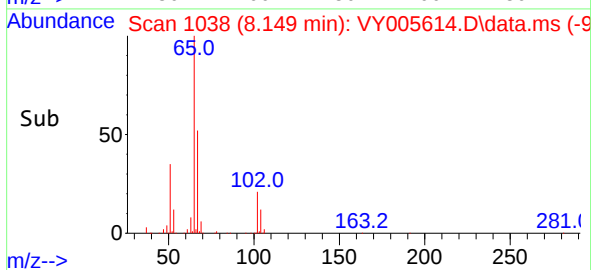
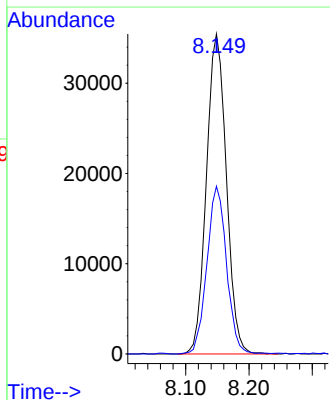
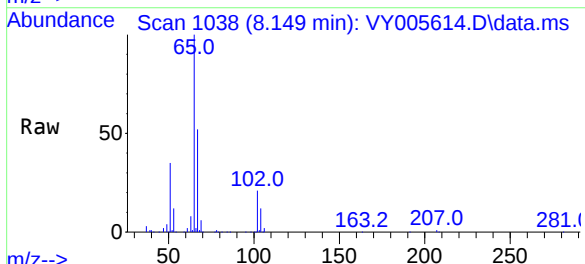
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-3-18B

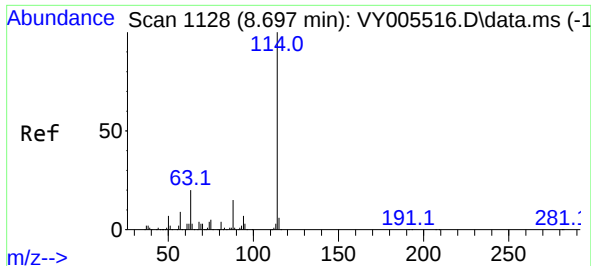
Tgt Ion: 76 Resp: 15312
Ion Ratio Lower Upper
76 100
78 11.5 7.0 10.6#



#33
1,2-Dichloroethane-d4
Concen: 52.128 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

Tgt Ion: 65 Resp: 77739
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4



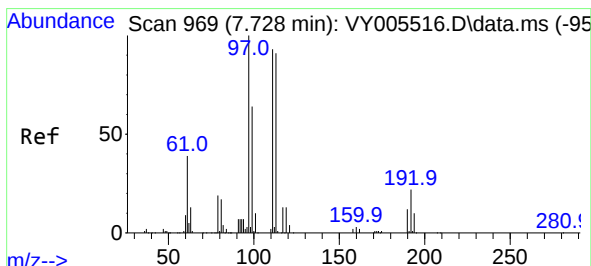
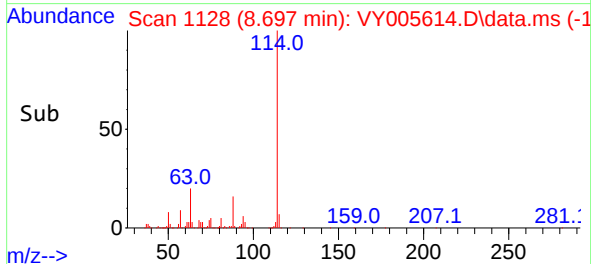
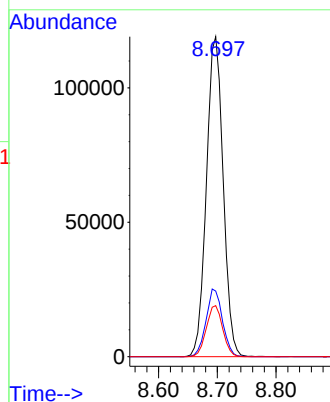
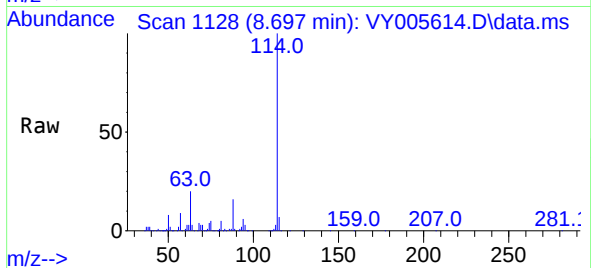


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-3-18B

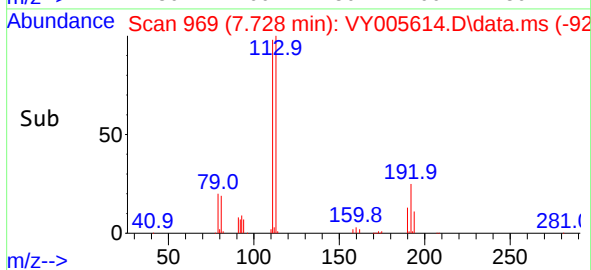
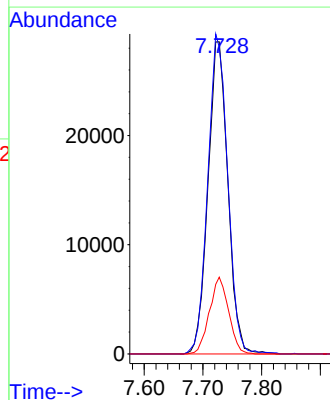
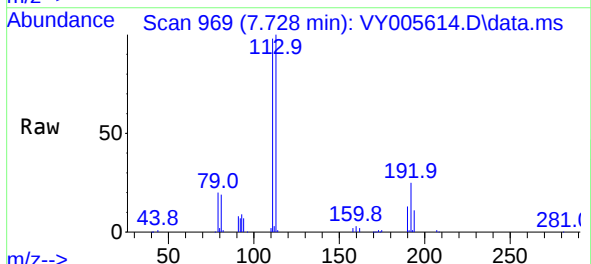
Tgt Ion:	114	Resp:	235546
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.2
88	16.0	0.0	30.8

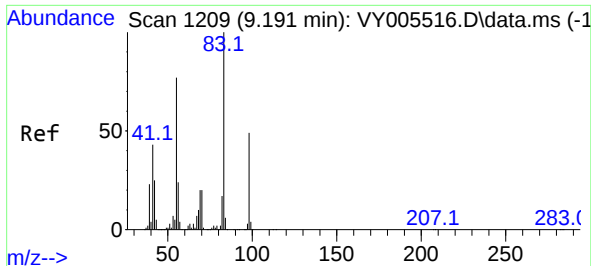


#35

Dibromofluoromethane
Concen: 50.903 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

Tgt Ion:	113	Resp:	67129
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	23.8	19.2	28.8

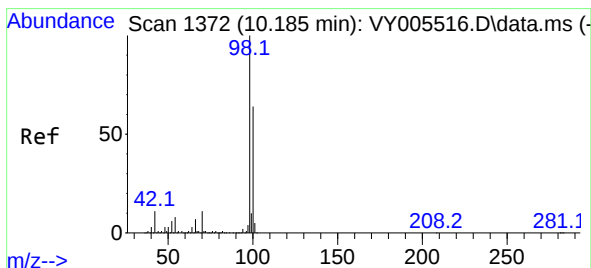
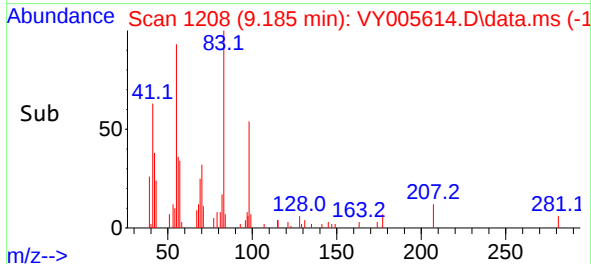
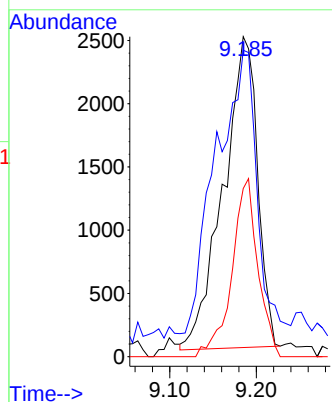
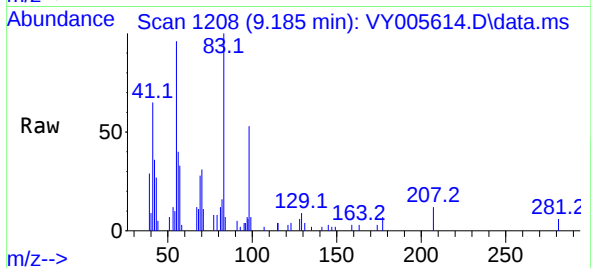




#39
Methylcyclohexane
Concen: 2.406 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

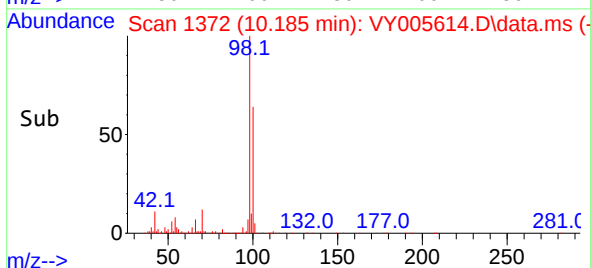
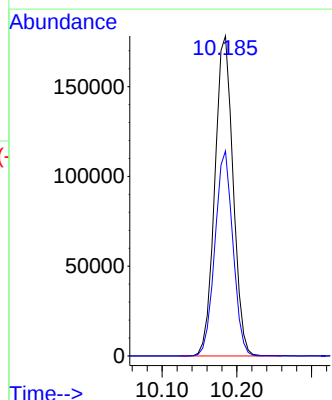
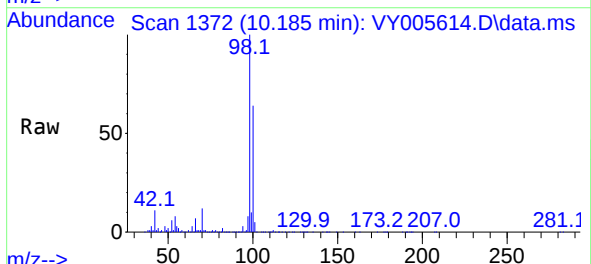
Instrument :
MSVOA_Y
ClientSampled :
DRUM-3-18B

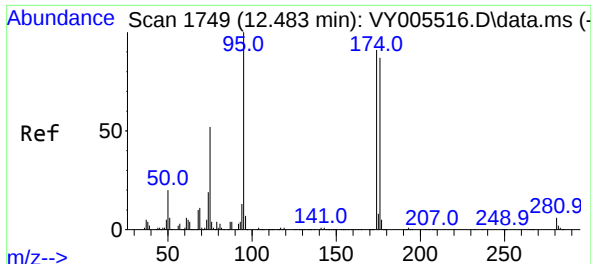
Tgt Ion: 83 Resp: 6762
Ion Ratio Lower Upper
83 100
55 91.6 61.7 92.5
98 54.4 38.9 58.3



#50
Toluene-d8
Concen: 54.621 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

Tgt Ion: 98 Resp: 302097
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9

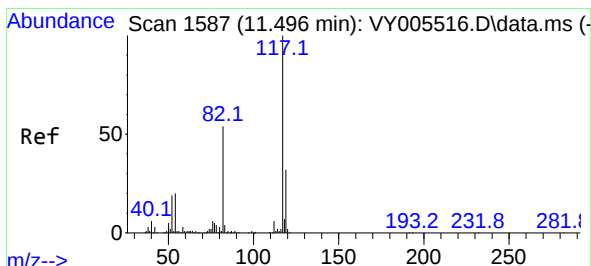
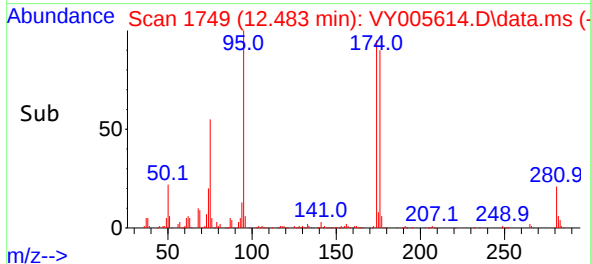
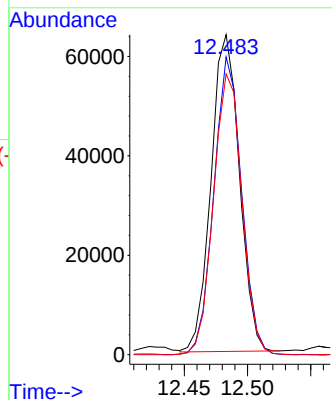
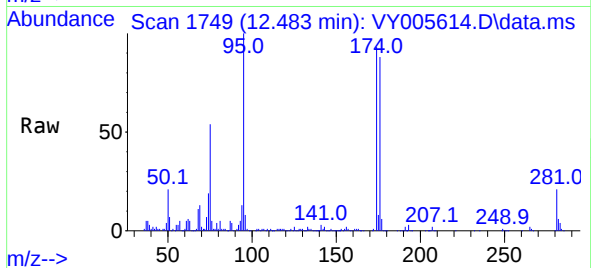




#62
4-Bromofluorobenzene
Concen: 54.250 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

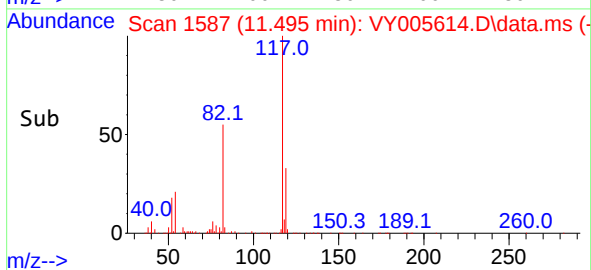
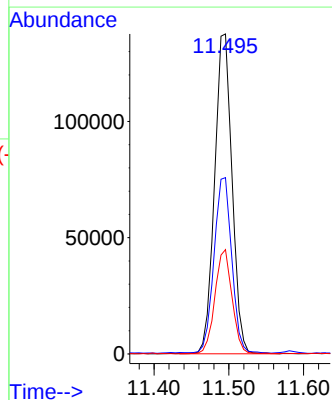
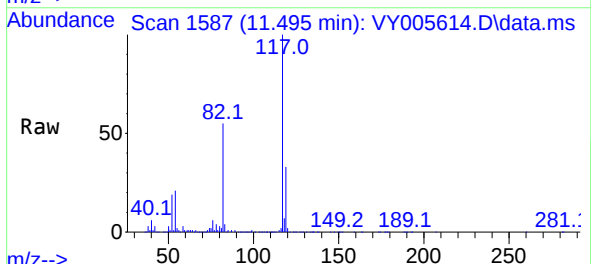
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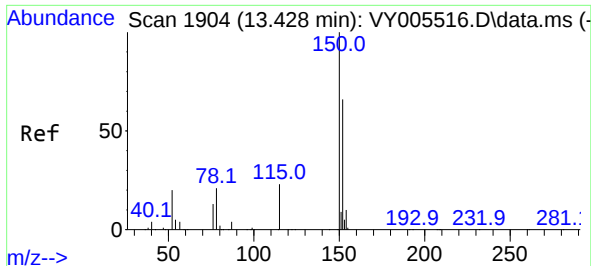
Tgt Ion:	95	Resp:	99361
Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	191.4
176	88.8	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

Tgt Ion:	117	Resp:	223792
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.5	65.3
119	32.5	25.5	38.3

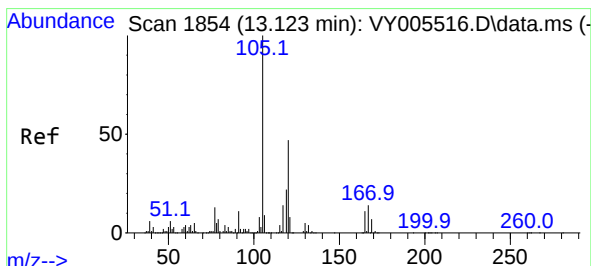
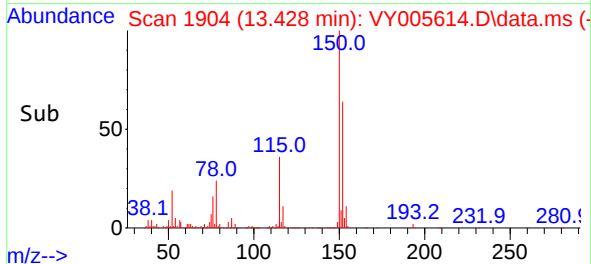
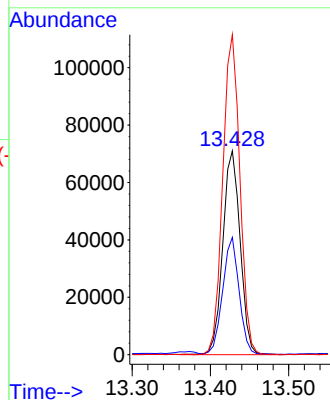
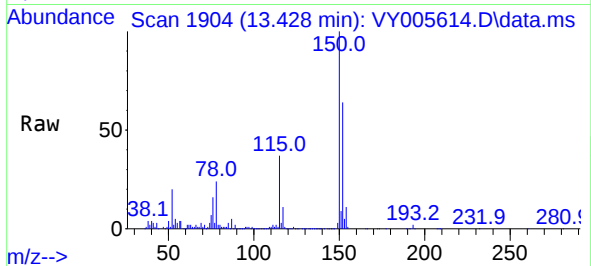




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

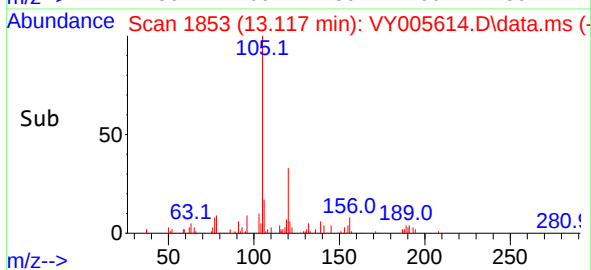
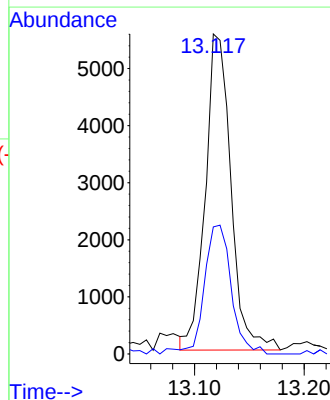
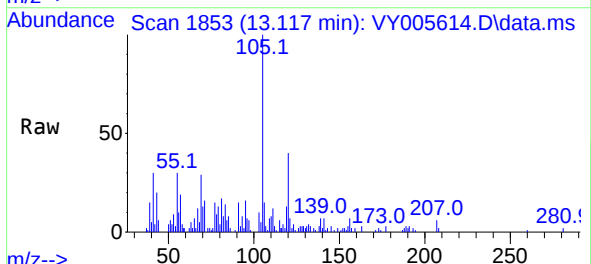
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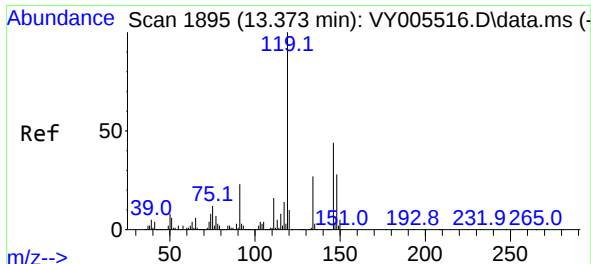
Tgt Ion:152 Resp: 109426
Ion Ratio Lower Upper
152 100
115 54.3 27.3 81.9
150 155.0 0.0 350.2



#84
1,2,4-Trimethylbenzene
Concen: 1.440 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

Tgt Ion:105 Resp: 9010
Ion Ratio Lower Upper
105 100
120 43.4 22.9 68.5

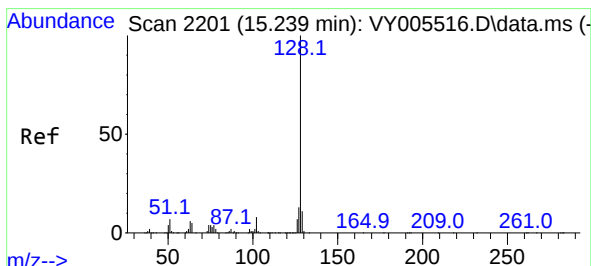
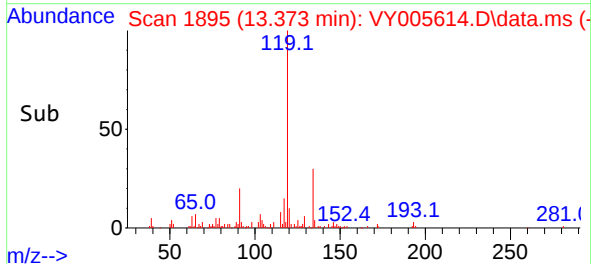
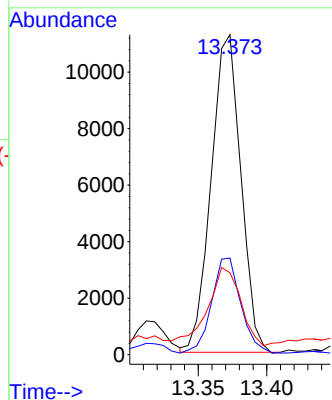
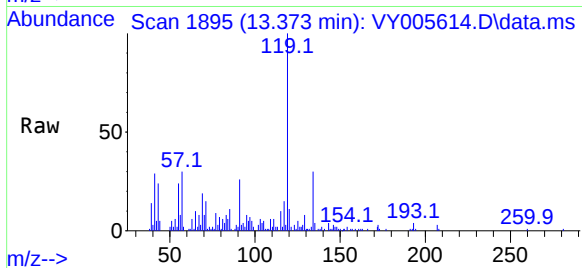




#86
p-Isopropyltoluene
Concen: 2.405 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

Instrument :
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ClientSampleId :
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Tgt Ion:	119	Resp:	16940
Ion	Ratio	Lower	Upper
119	100		
134	30.7	13.6	40.7
91	26.8	11.6	34.7



#95
Naphthalene
Concen: 3.405 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005614.D
Acq: 12 Aug 2021 12:00

Tgt Ion:	128	Resp:	14911
Ion	Ratio	Lower	Upper
128	100		
127	23.7	10.6	15.8#
129	14.3	8.7	13.1#

