

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003927.D
 Acq On : 14 Jan 2021 18:24
 Operator : SY/MD
 Sample : M1141-20
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T872-T871

Quant Time: Jan 15 00:59:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

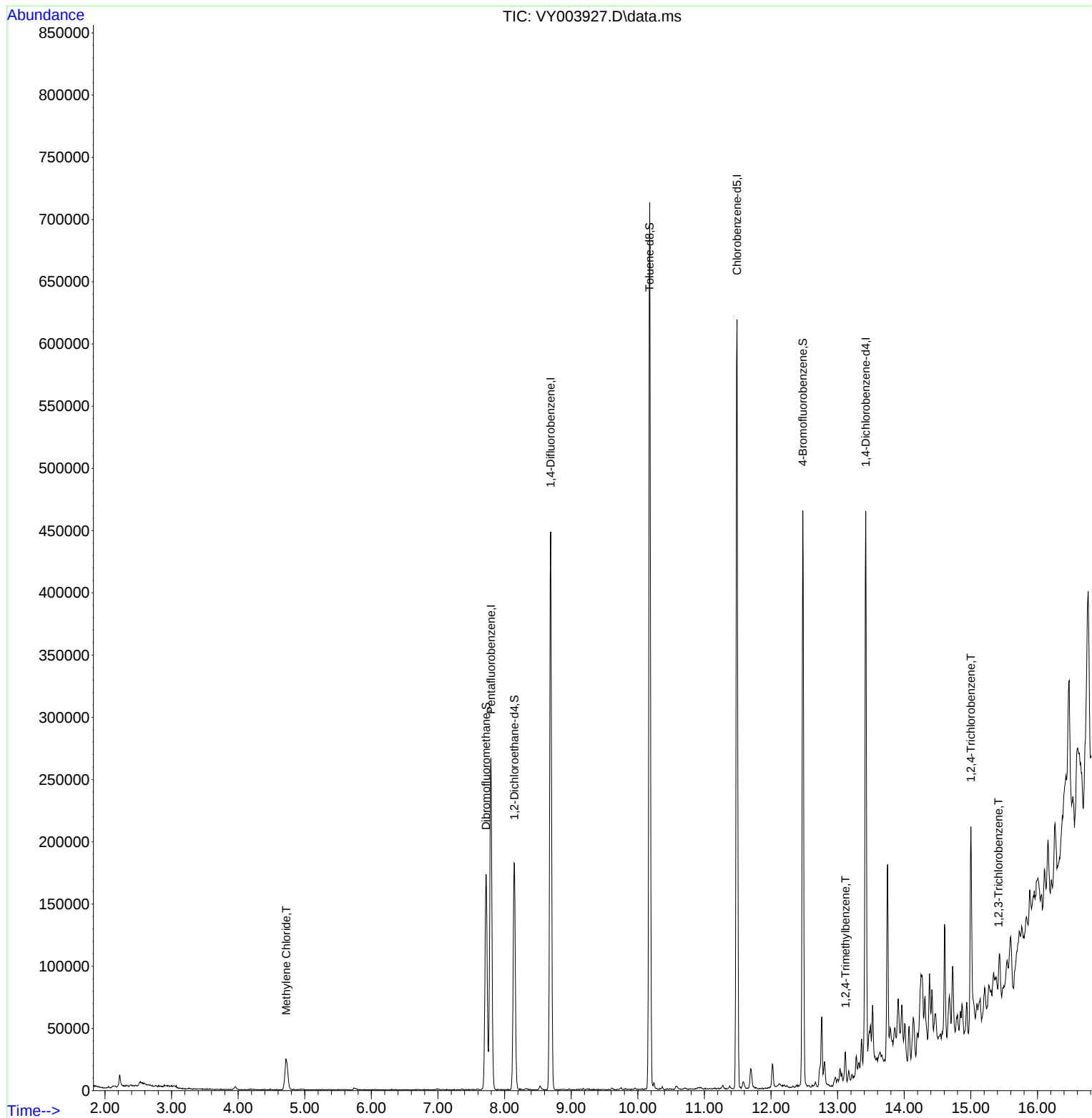
Internal Standards						
1) Pentafluorobenzene	7.795	168	207900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	355034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	142609	44.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.32%
35) Dibromofluoromethane	7.722	113	114864	39.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.18%
50) Toluene-d8	10.179	98	438525	37.30	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.60%
62) 4-Bromofluorobenzene	12.477	95	131951	30.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.46%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	17044	5.70	ug/l	89
84) 1,2,4-Trimethylbenzene	13.117	105	12456	1.53	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	44858	15.59	ug/l	96
96) 1,2,3-Trichlorobenzene	15.416	180	9829	3.88	ug/l #	80

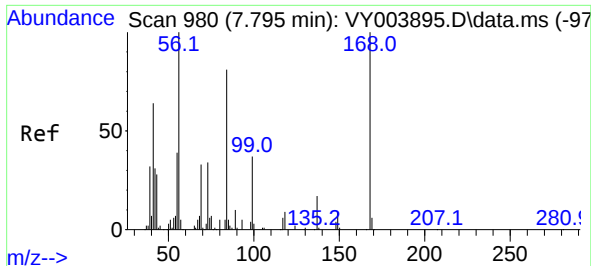
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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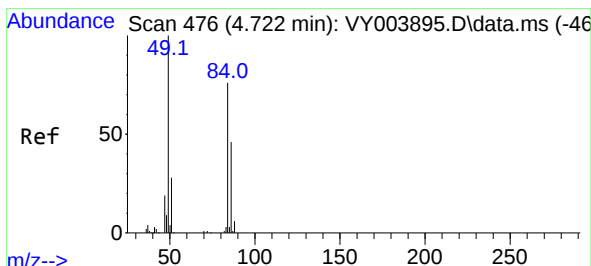
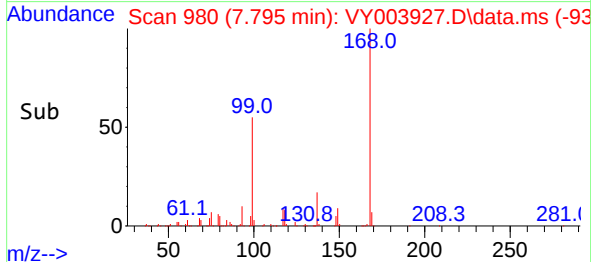
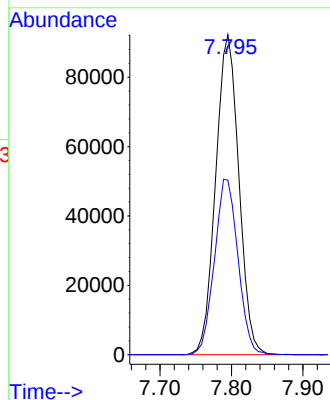
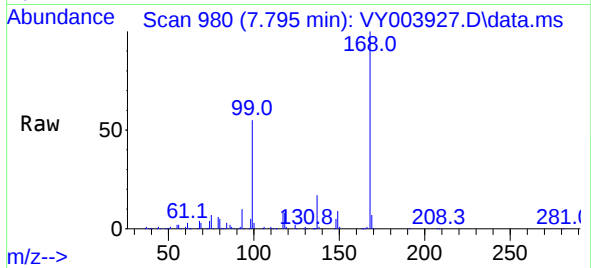




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

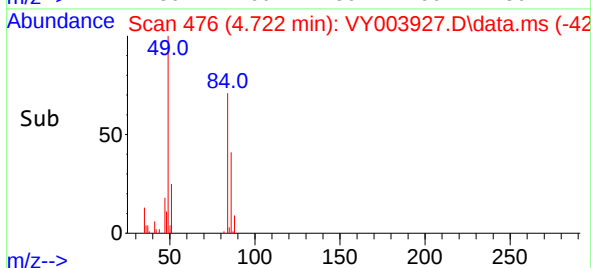
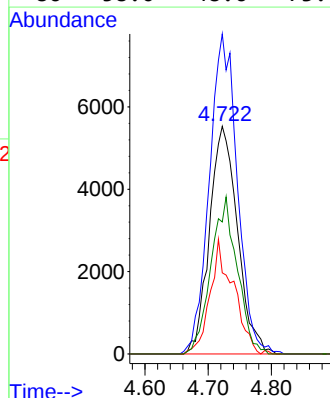
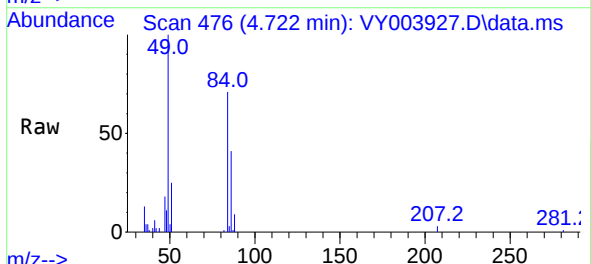
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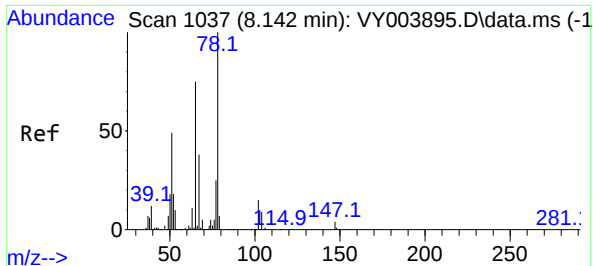
Tgt Ion:168 Resp: 207900
Ion Ratio Lower Upper
168 100
99 54.5 40.4 60.6



#20
Methylene Chloride
Concen: 5.70 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 84 Resp: 17044
Ion Ratio Lower Upper
84 100
49 140.6 98.0 147.0
51 35.6 30.5 45.7
86 58.0 48.6 73.0

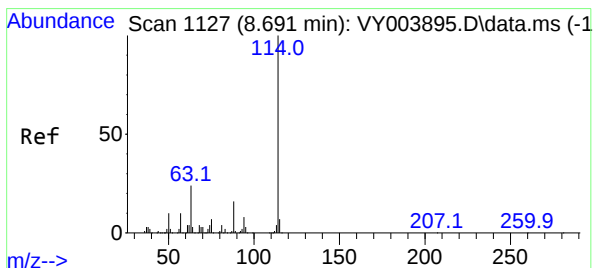
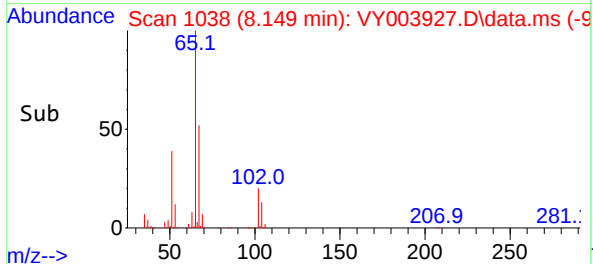
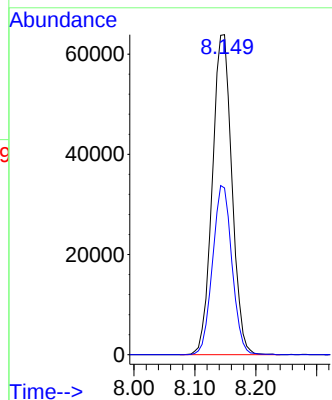
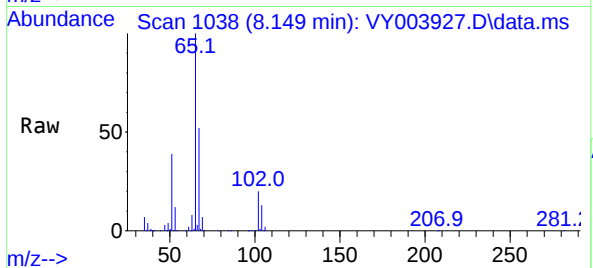




#33
1,2-Dichloroethane-d4
Concen: 44.16 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

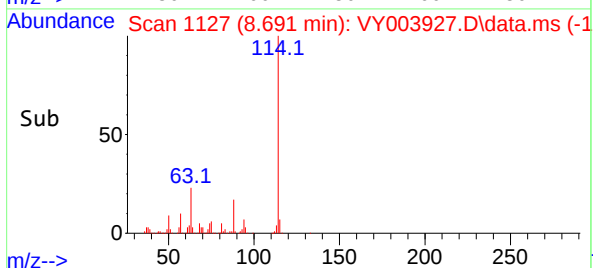
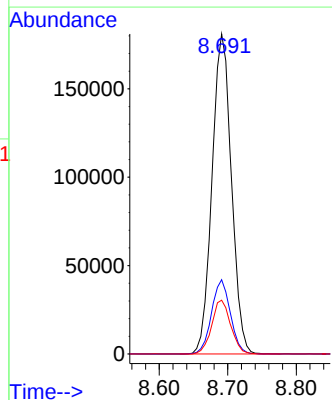
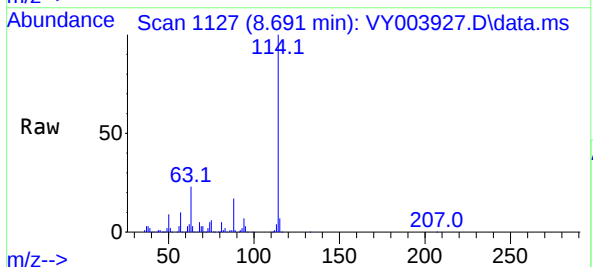
Instrument :
MSVOA_Y
ClientSampleId :
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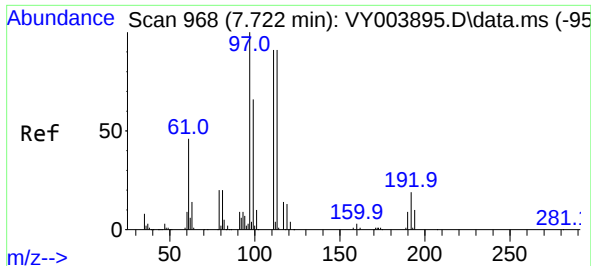
Tgt Ion: 65 Resp: 142609
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 114 Resp: 355034
Ion Ratio Lower Upper
114 100
63 23.2 0.0 38.8
88 16.8 0.0 31.4

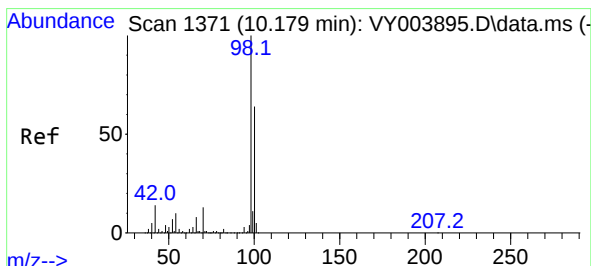
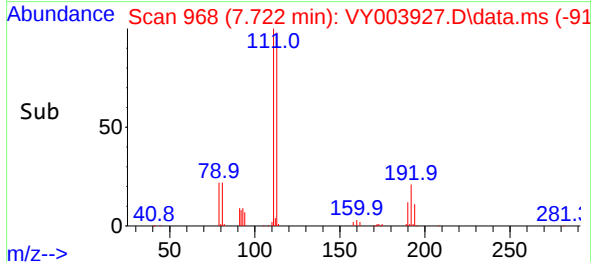
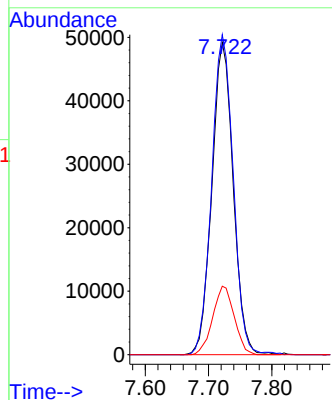
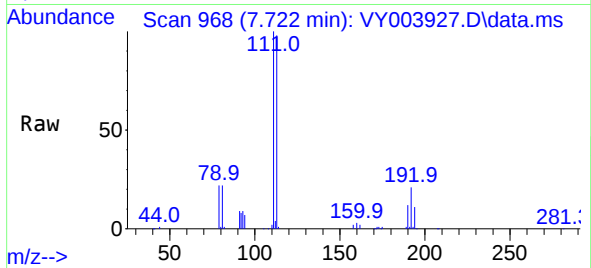




#35
Dibromofluoromethane
Concen: 39.59 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

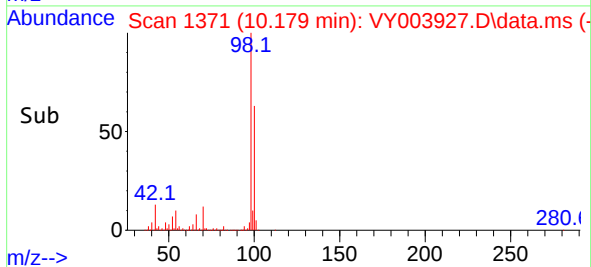
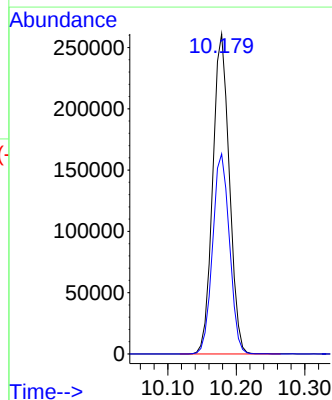
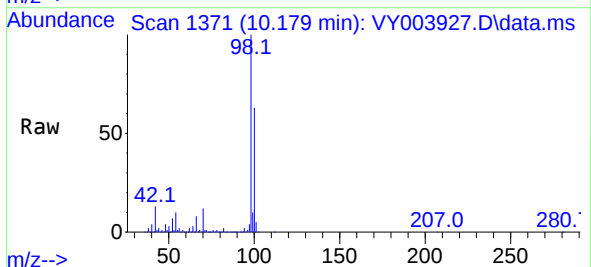
Instrument :
MSVOA_Y
ClientSampleId :
T872-T871

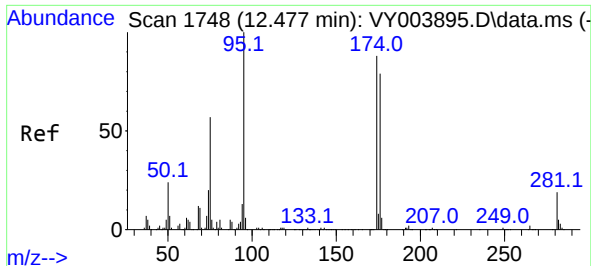
Tgt Ion:113 Resp: 114864
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 22.2 19.8 29.6



#50
Toluene-d8
Concen: 37.30 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 98 Resp: 438525
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



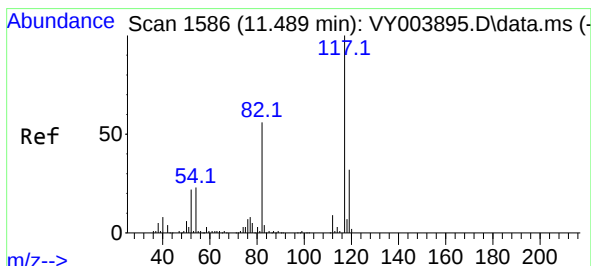
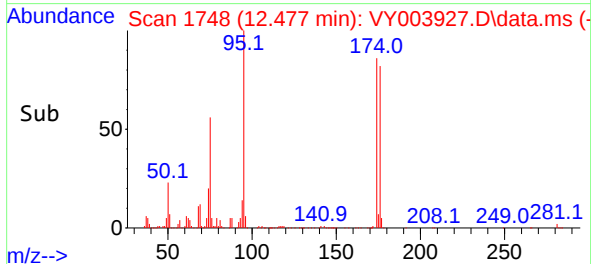
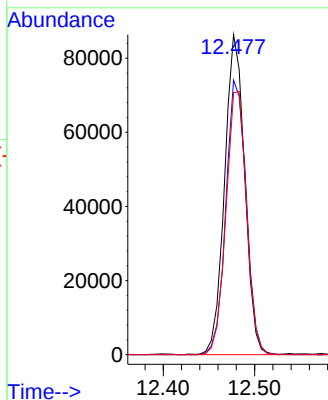
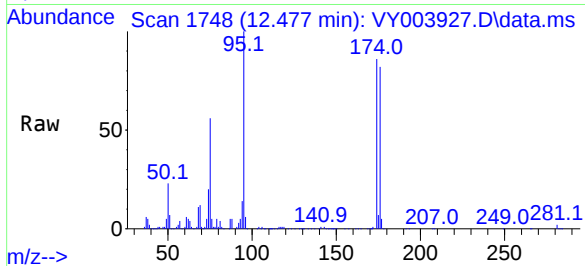


#62
4-Bromofluorobenzene
Concen: 30.73 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

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T872-T871

Tgt Ion: 95 Resp: 131951

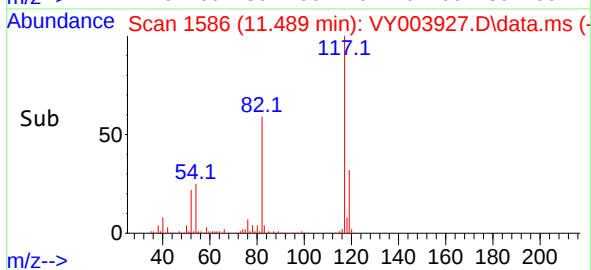
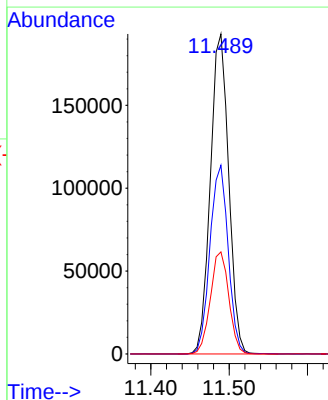
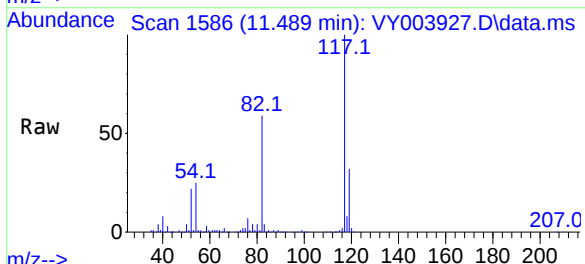
Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	193.2
176	84.2	0.0	187.0

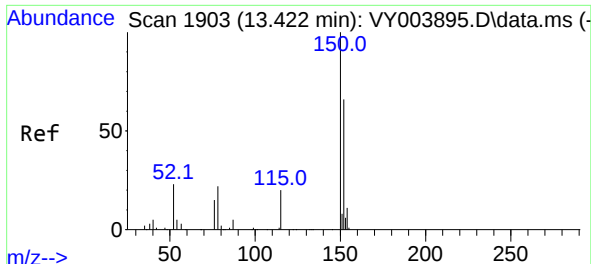


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 117 Resp: 313546

Ion	Ratio	Lower	Upper
117	100		
82	58.9	43.9	65.9
119	31.9	26.2	39.4

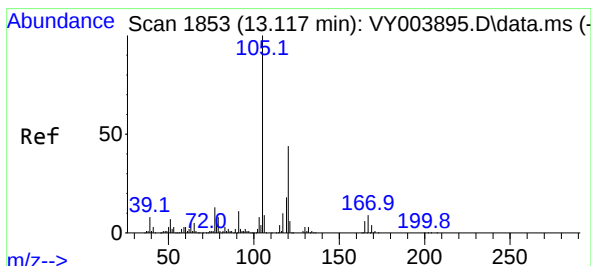
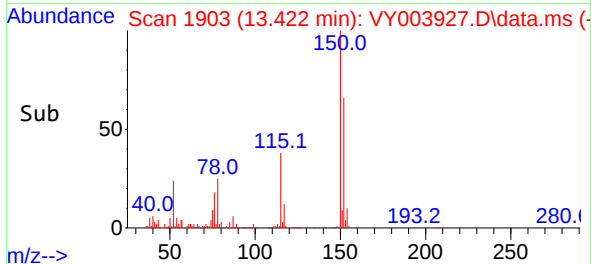
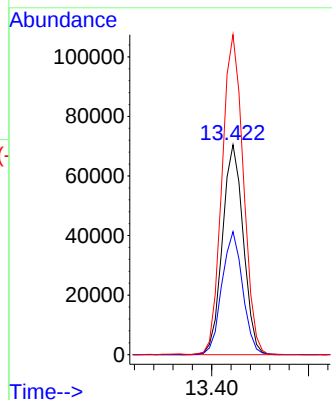
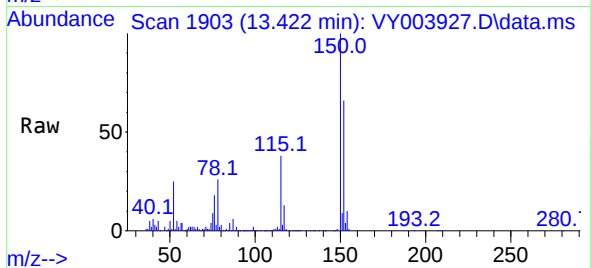




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

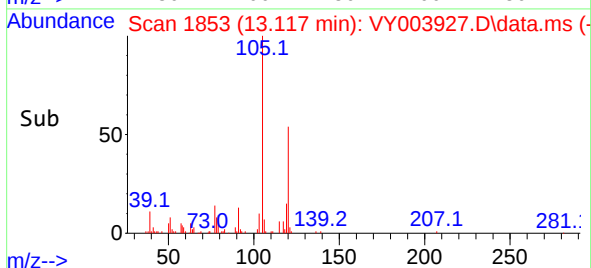
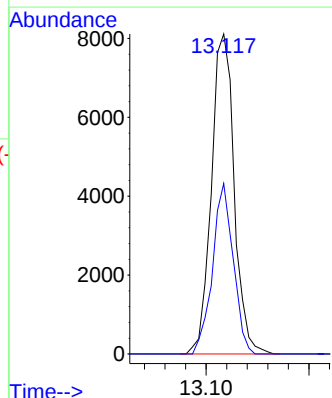
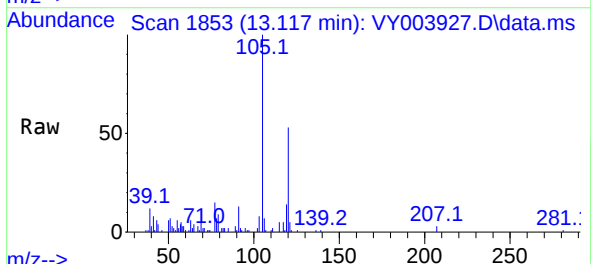
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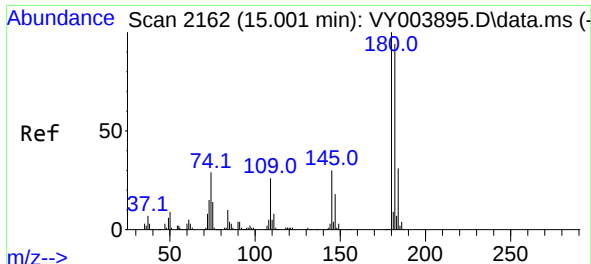
Tgt Ion:152 Resp: 105560
Ion Ratio Lower Upper
152 100
115 58.2 27.9 83.7
150 155.7 0.0 356.4



#84
1,2,4-Trimethylbenzene
Concen: 1.53 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion:105 Resp: 12456
Ion Ratio Lower Upper
105 100
120 48.5 22.9 68.5

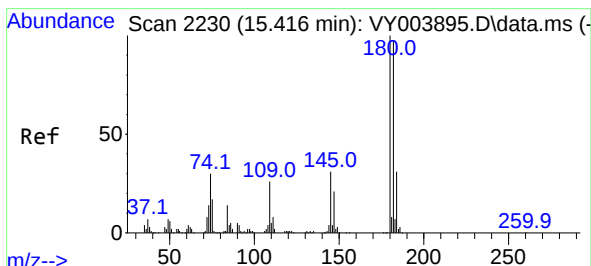
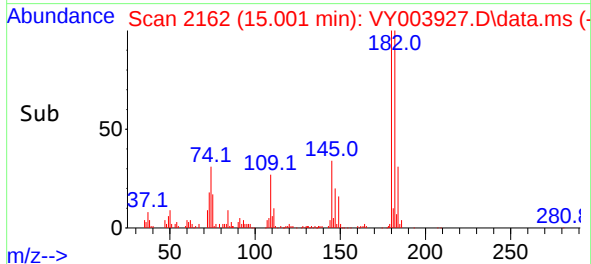
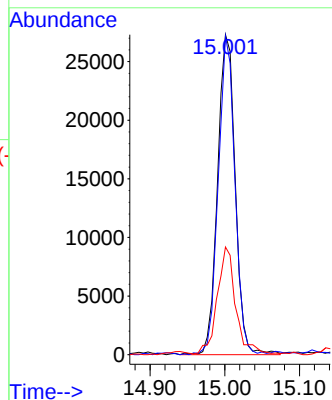
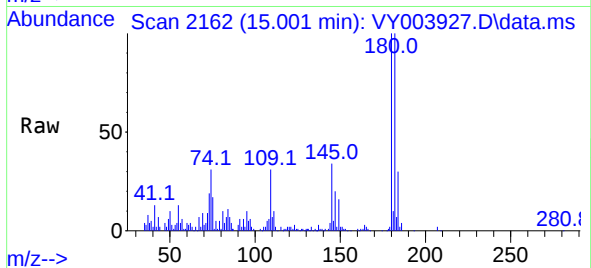




#93
1,2,4-Trichlorobenzene
Concen: 15.59 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Instrument :
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Tgt Ion:180 Resp: 44858
Ion Ratio Lower Upper
180 100
182 94.0 47.8 143.3
145 34.7 14.2 42.8



#96
1,2,3-Trichlorobenzene
Concen: 3.88 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion:180 Resp: 9829
Ion Ratio Lower Upper
180 100
182 78.7 47.8 143.4
145 44.7 14.8 44.4#

