

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042721\
 Data File : VY004646.D
 Acq On : 27 Apr 2021 11:17
 Operator : SY/MD
 Sample : M2182-01
 Misc : 6.93G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-13-12-COMP

Quant Time: Apr 28 10:02:11 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)

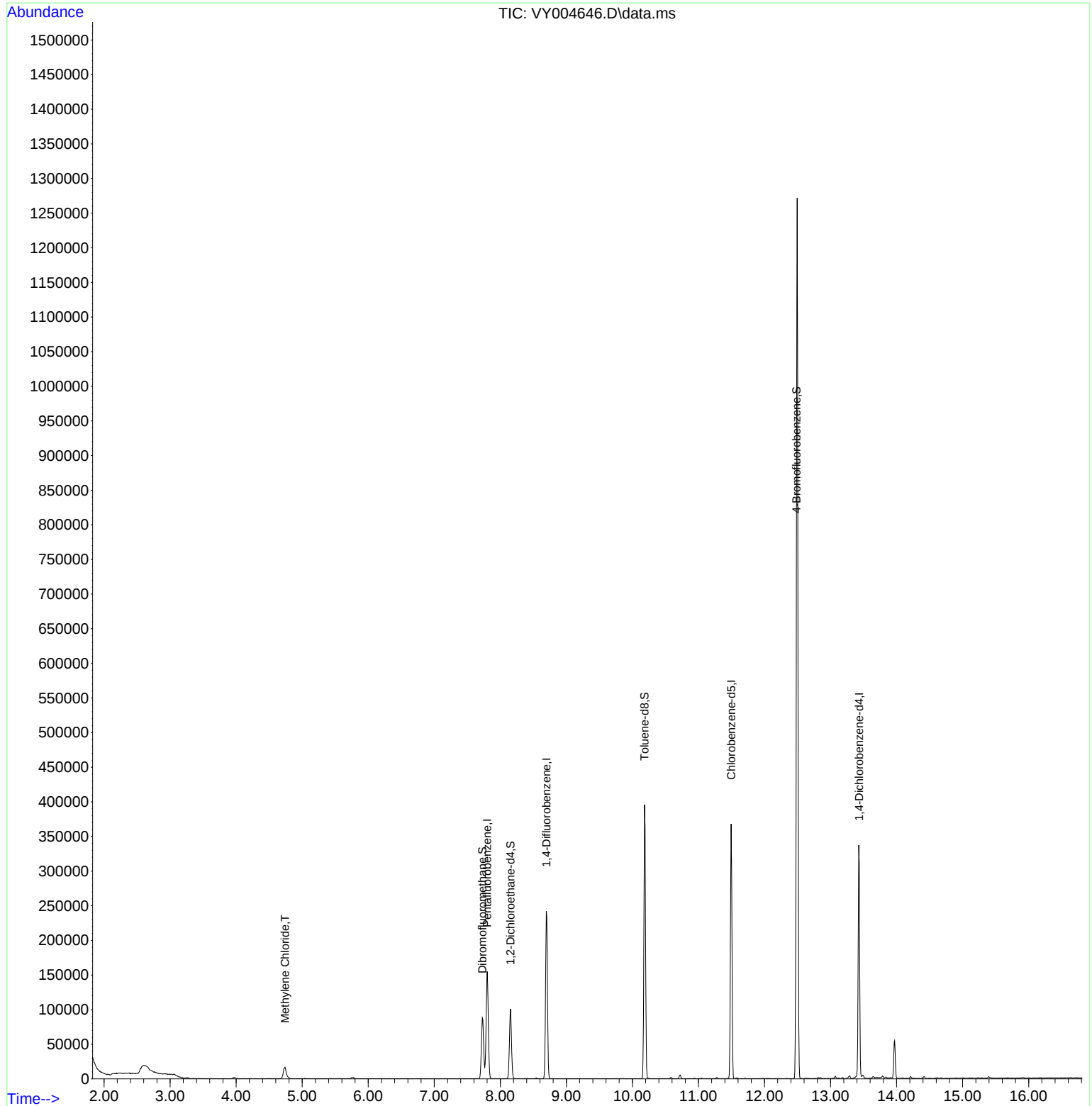
Internal Standards						
1) Pentafluorobenzene	7.801	168	113898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	183451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	75737	59.85	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	119.70%	
35) Dibromofluoromethane	7.728	113	61038	55.41	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	110.82%	
50) Toluene-d8	10.185	98	244842	52.26	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.483	95	86477	54.39	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	108.78%	
Target Compounds						Qvalue
20) Methylene Chloride	4.741	84	11597	9.49	ug/l	91

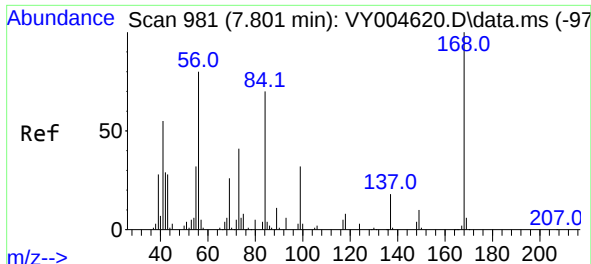
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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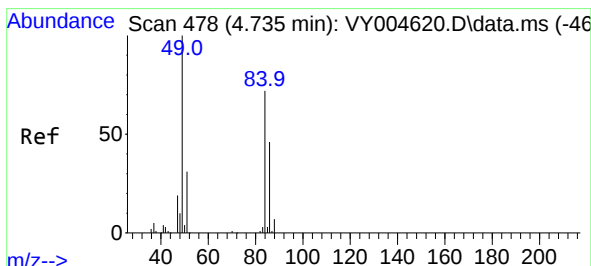
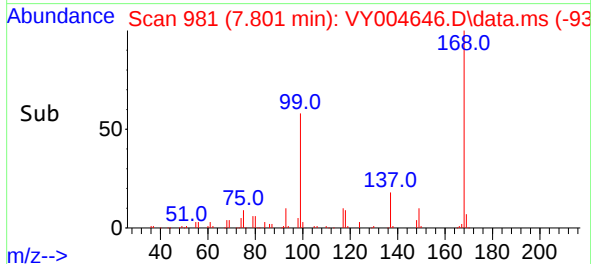
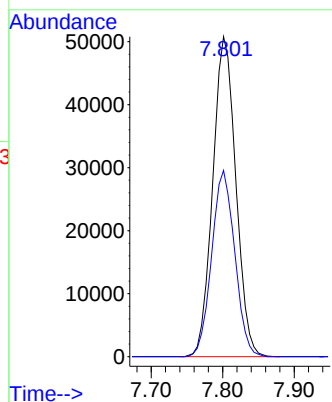
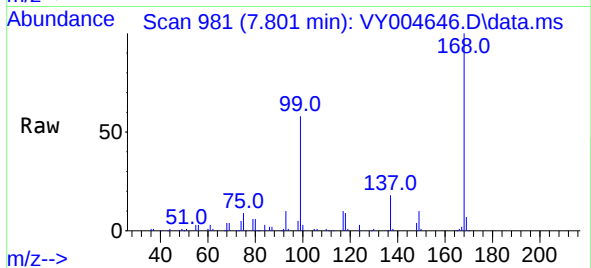




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

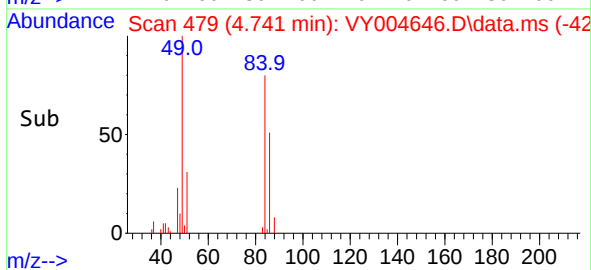
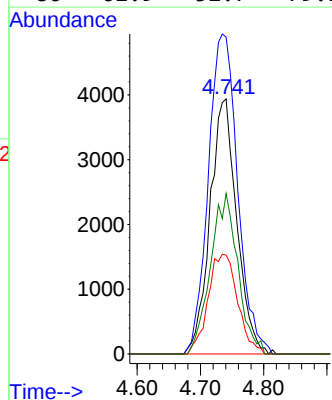
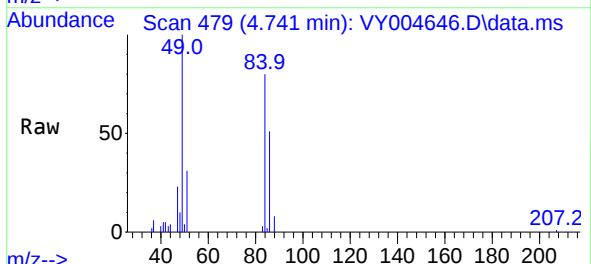
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TP-13-12-COMP

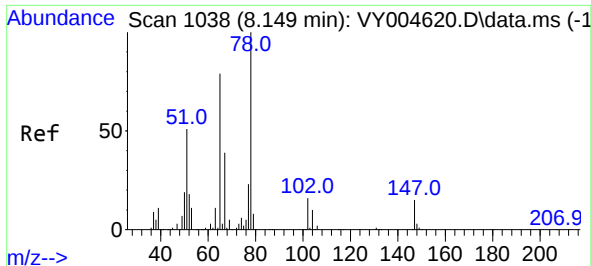
Tgt Ion:168 Resp: 113898
Ion Ratio Lower Upper
168 100
99 58.2 45.5 68.3



#20
Methylene Chloride
Concen: 9.49 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

Tgt Ion: 84 Resp: 11597
Ion Ratio Lower Upper
84 100
49 124.3 111.2 166.8
51 38.8 33.4 50.2
86 62.9 52.7 79.1

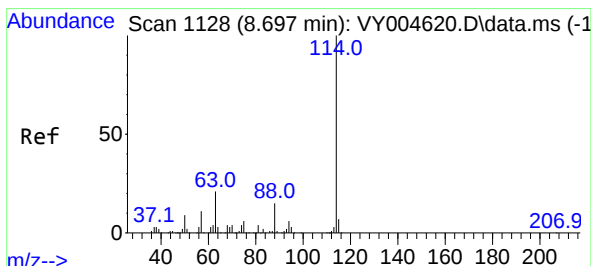
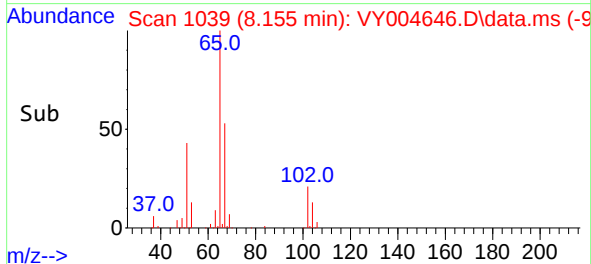
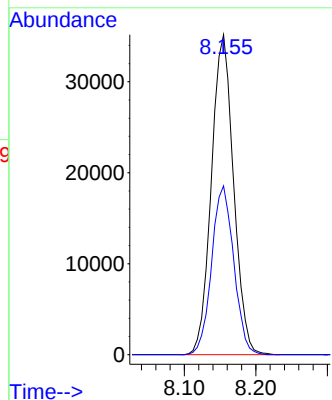
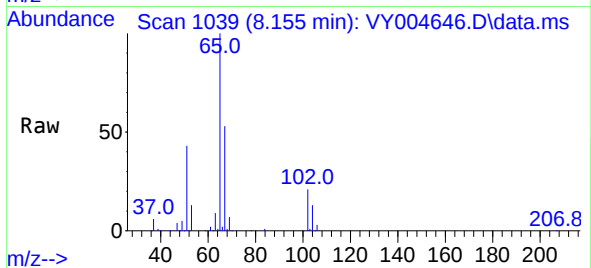




#33
1,2-Dichloroethane-d4
Concen: 59.85 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

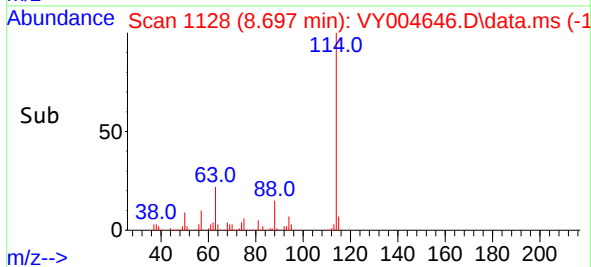
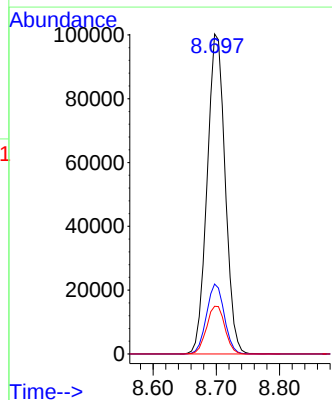
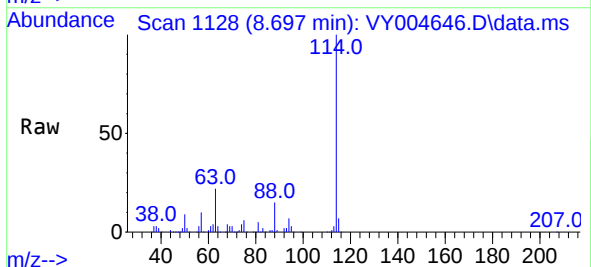
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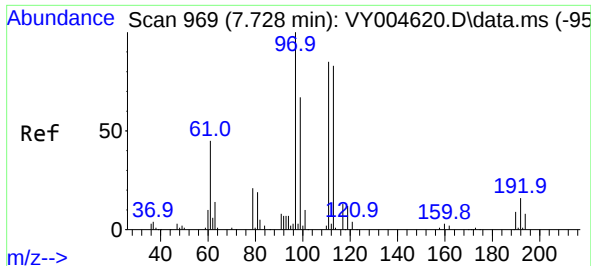
Tgt Ion: 65 Resp: 75737
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

Tgt Ion:114 Resp: 198485
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 14.9 0.0 30.8

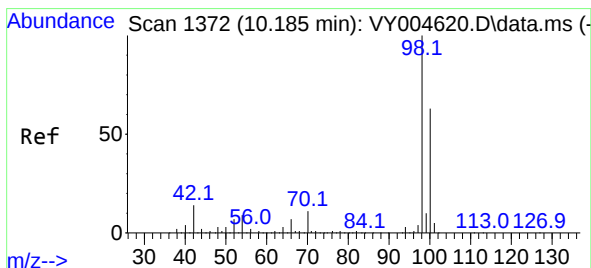
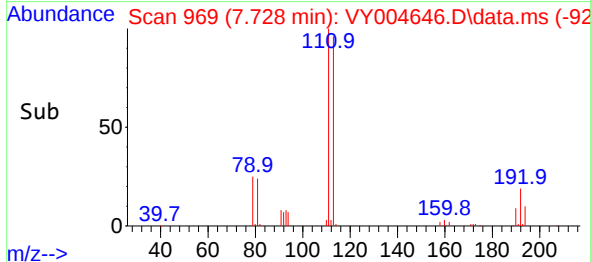
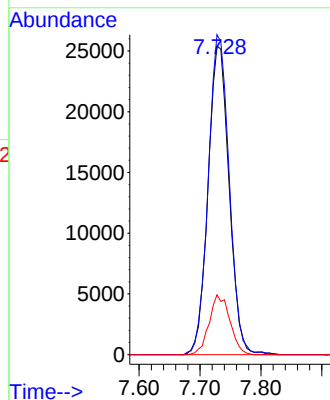
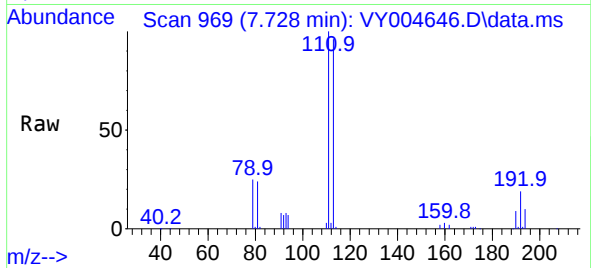




#35
Dibromofluoromethane
Concen: 55.41 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

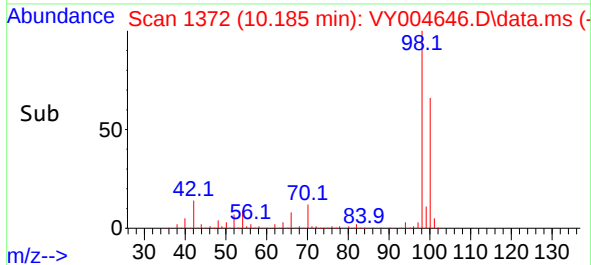
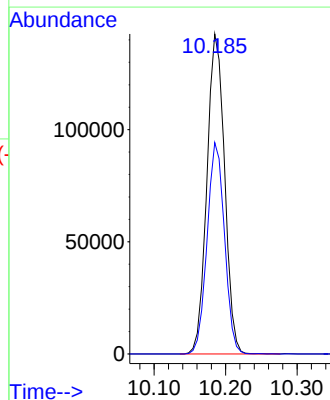
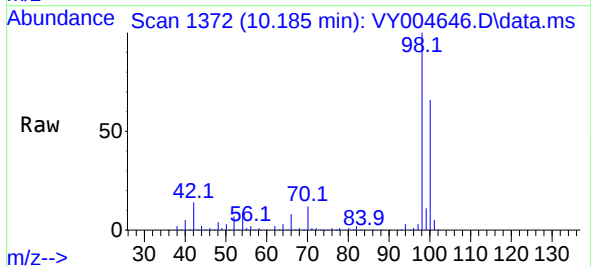
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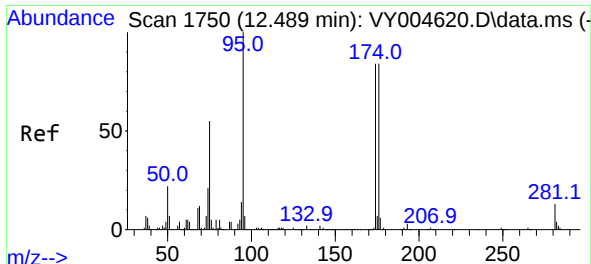
Tgt Ion:113 Resp: 61038
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.0 16.1 24.1



#50
Toluene-d8
Concen: 52.26 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

Tgt Ion: 98 Resp: 244842
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

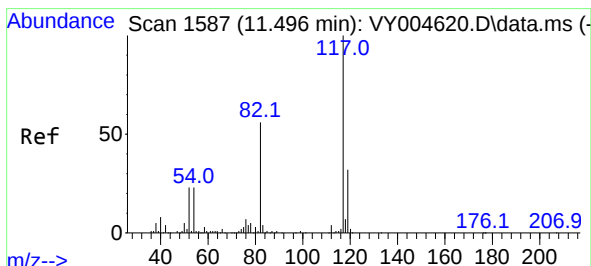
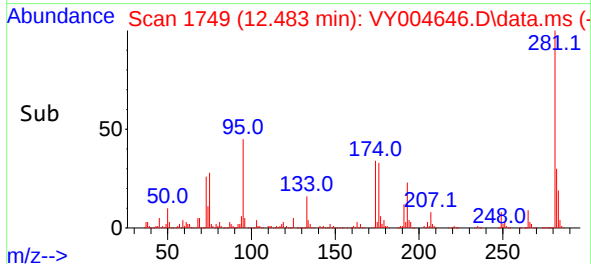
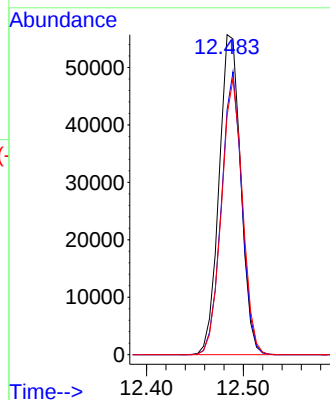
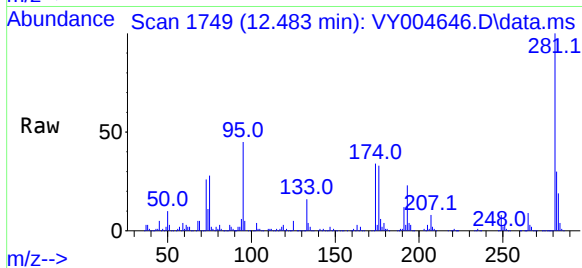




#62
4-Bromofluorobenzene
Concen: 54.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

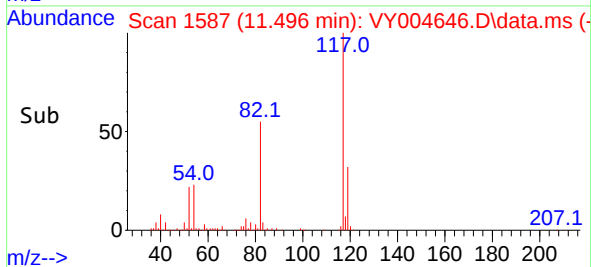
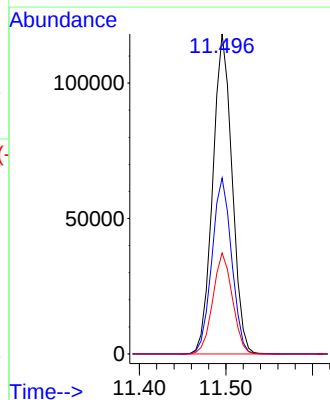
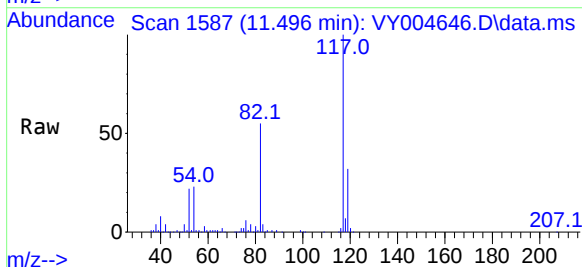
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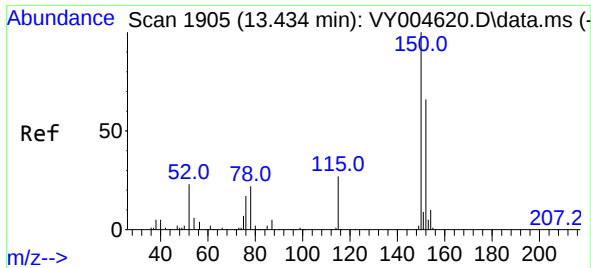
Tgt Ion: 95 Resp: 86477
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 83.7 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

Tgt Ion: 117 Resp: 183451
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 31.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY004646.D
 Acq: 27 Apr 2021 11:17

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 80201
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.6 88.8
 150 159.6 0.0 348.4

