

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005600.D
 Acq On : 10 Aug 2021 16:59
 Operator : SY/MD
 Sample : M3333-05
 Misc : 3.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124019

Quant Time: Aug 11 03:38:15 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)

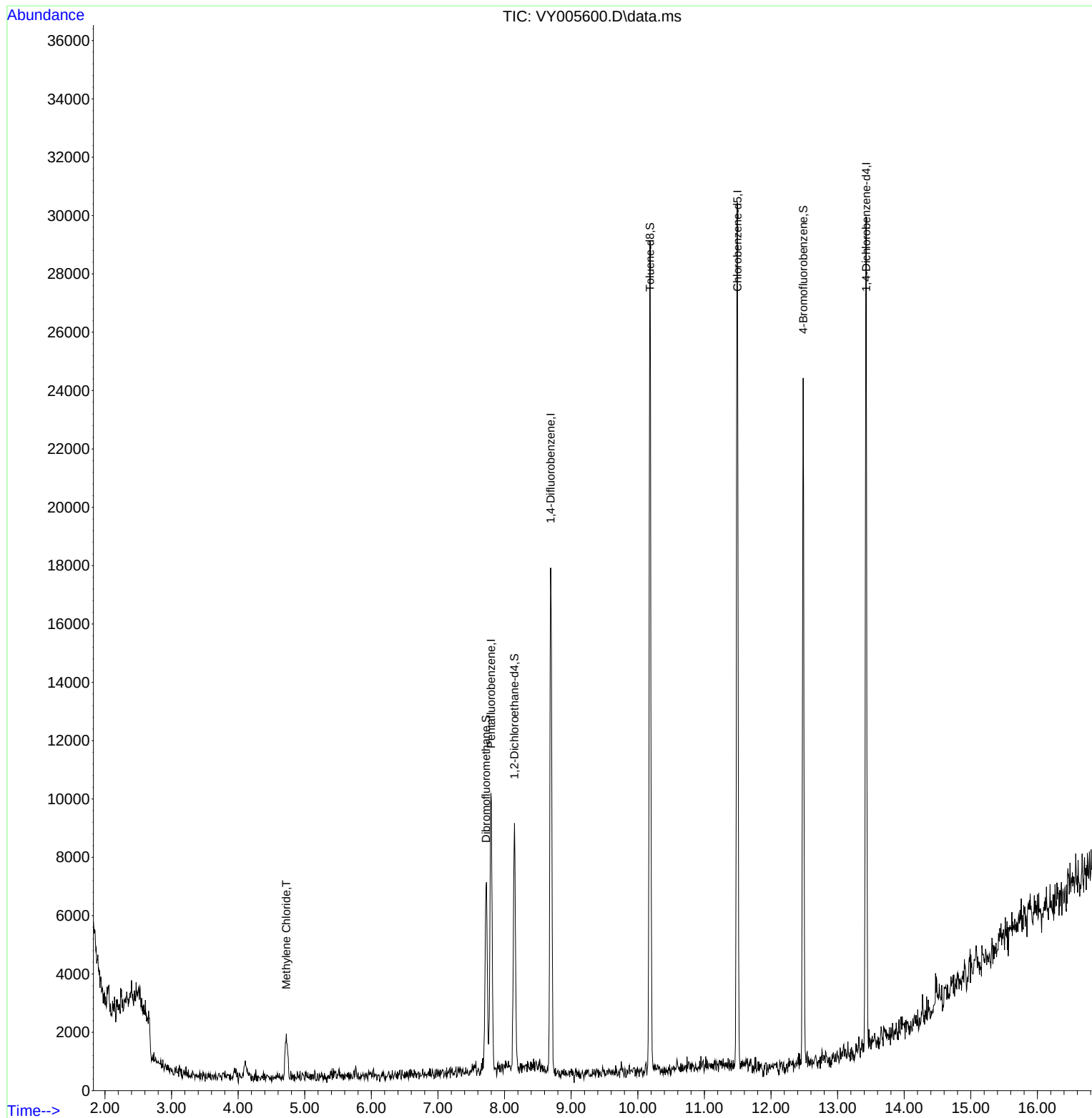
Internal Standards						
1) Pentafluorobenzene	7.795	168	7987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	16144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7026	86.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.800%#	
35) Dibromofluoromethane	7.722	113	4258	48.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.560%	
50) Toluene-d8	10.185	98	18309	50.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	12.483	95	6635	54.727	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.460%	
Target Compounds						
20) Methylene Chloride	4.723	84	1167	9.536	ug/l	Qvalue # 58

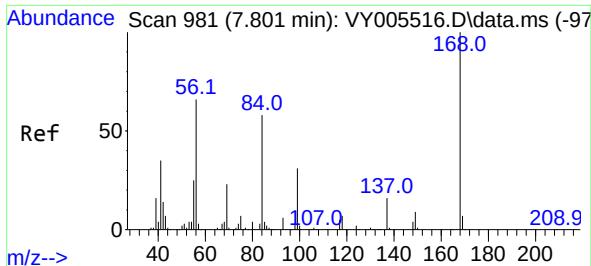
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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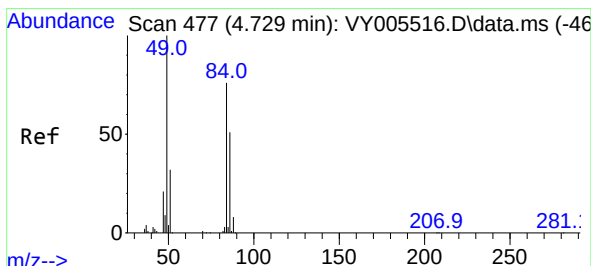
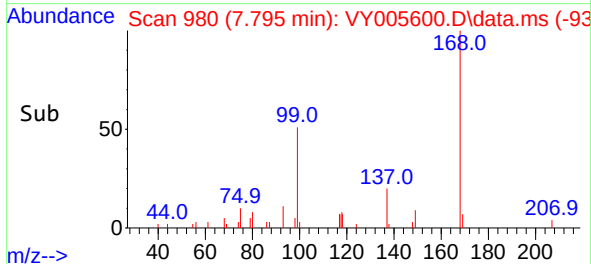
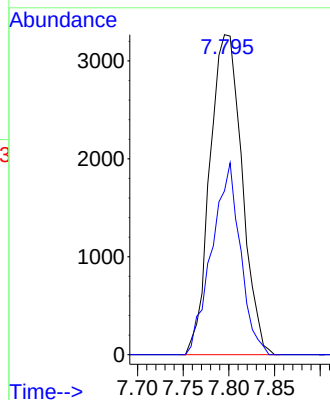
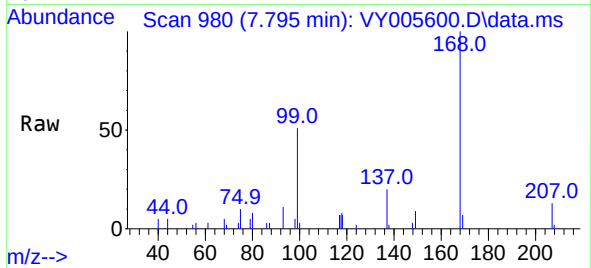




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

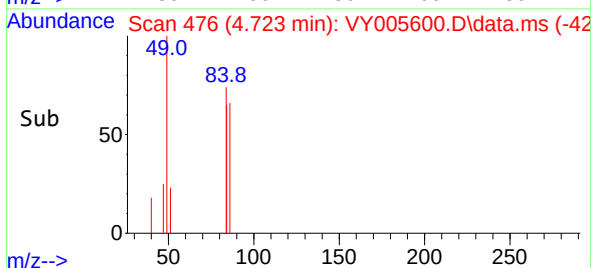
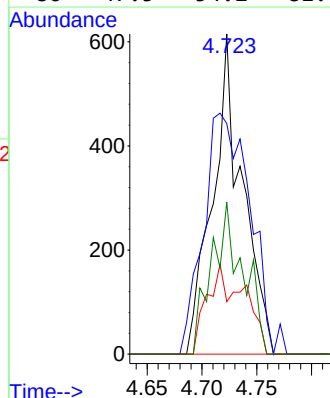
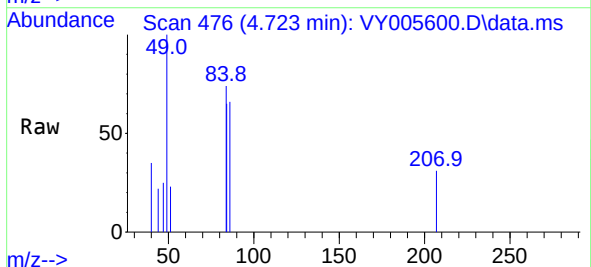
Instrument :
MSVOA_Y
ClientSampleId :
124019

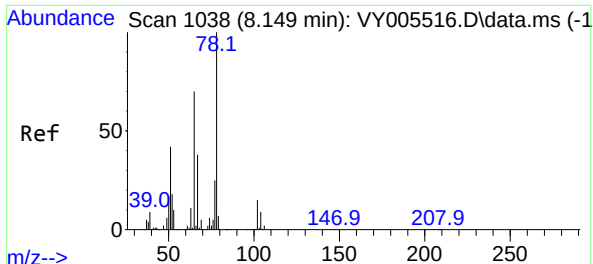
Tgt Ion:168 Resp: 7987
Ion Ratio Lower Upper
168 100
99 51.2 38.9 58.3



#20
Methylene Chloride
Concen: 9.536 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

Tgt Ion: 84 Resp: 1167
Ion Ratio Lower Upper
84 100
49 72.0 105.8 158.6#
51 16.4 33.4 50.2#
86 47.5 54.2 81.4#

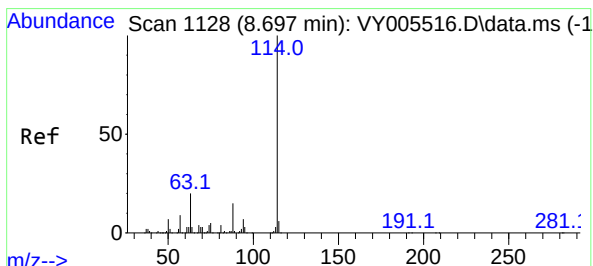
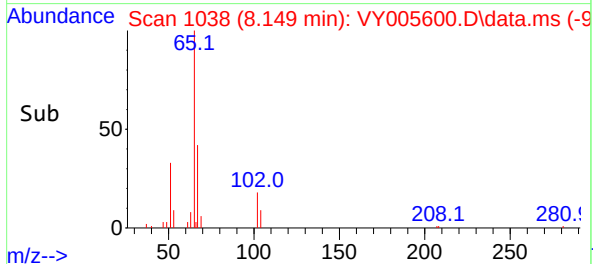
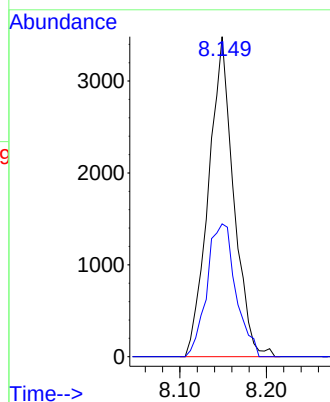
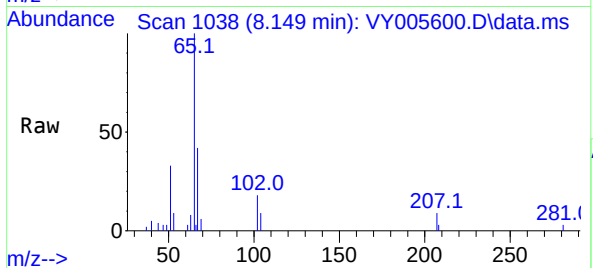




#33
1,2-Dichloroethane-d4
Concen: 86.903 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

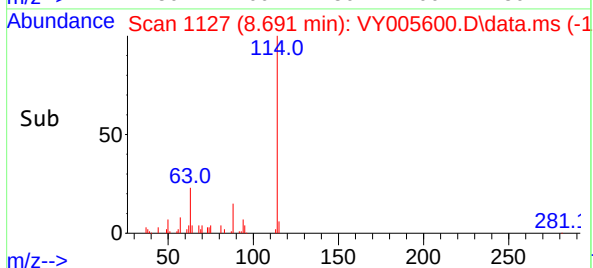
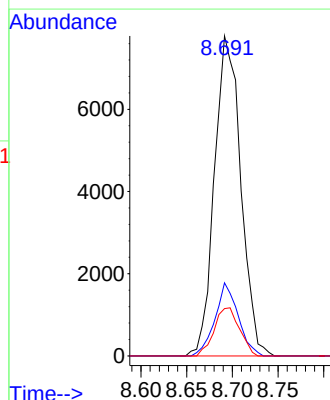
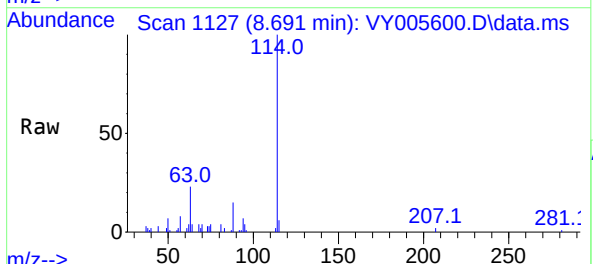
Instrument :
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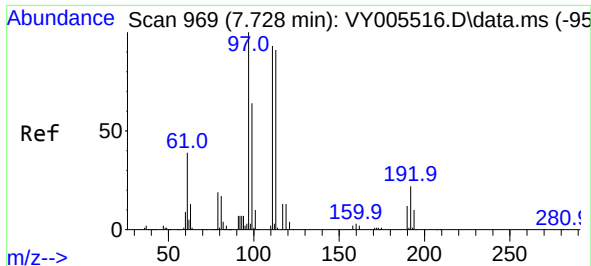
Tgt Ion: 65 Resp: 7026
Ion Ratio Lower Upper
65 100
67 47.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

Tgt Ion: 114 Resp: 15592
Ion Ratio Lower Upper
114 100
63 22.9 0.0 39.2
88 14.8 0.0 30.8

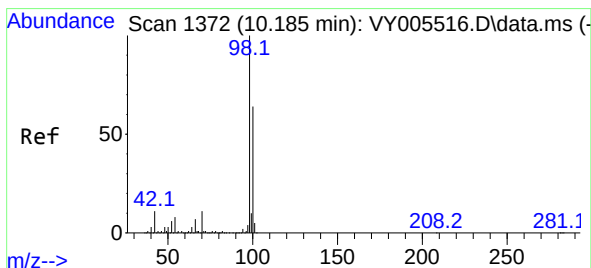
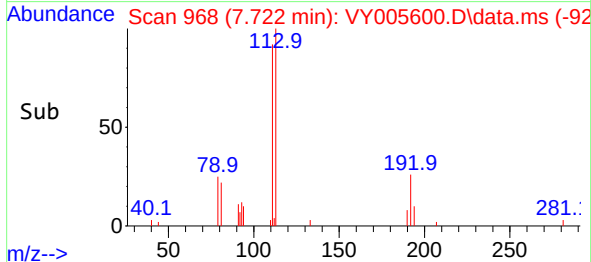
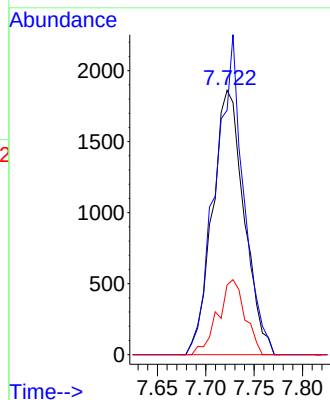
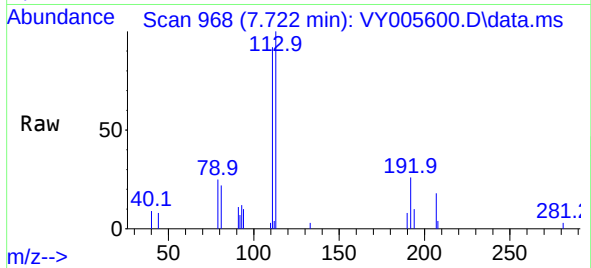




#35
Dibromofluoromethane
Concen: 48.777 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

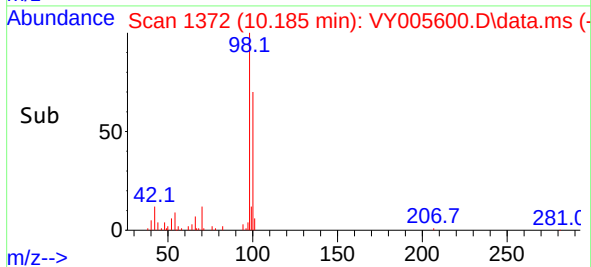
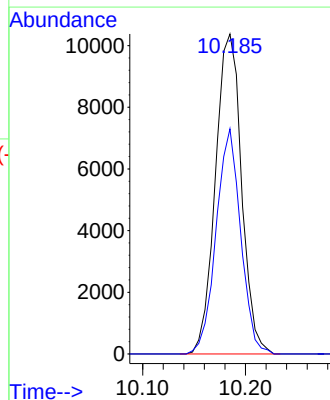
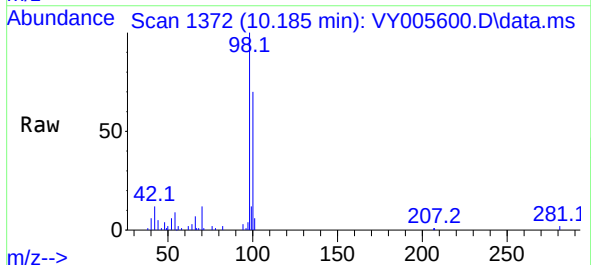
Instrument :
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ClientSampleId :
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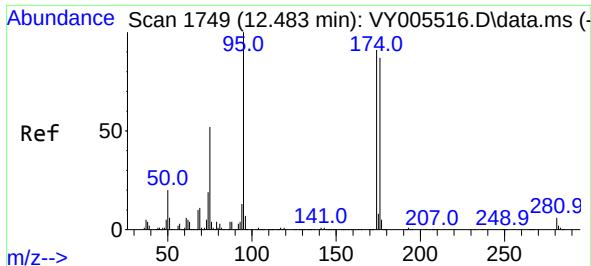
Tgt Ion:113 Resp: 4258
Ion Ratio Lower Upper
113 100
111 106.2 81.9 122.9
192 24.2 19.2 28.8



#50
Toluene-d8
Concen: 50.009 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

Tgt Ion: 98 Resp: 18309
Ion Ratio Lower Upper
98 100
100 66.2 51.3 76.9

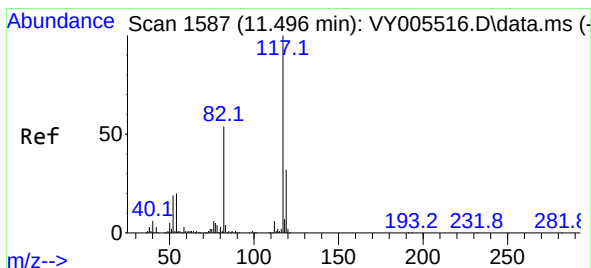
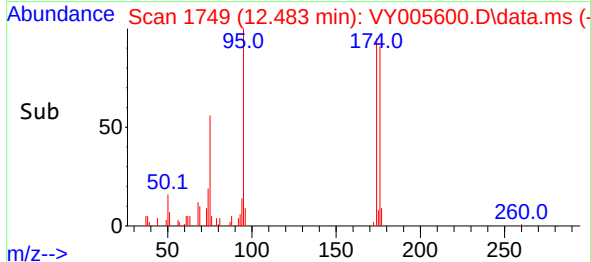
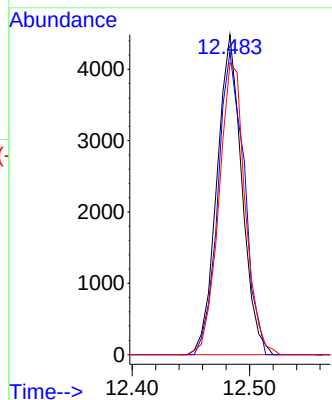
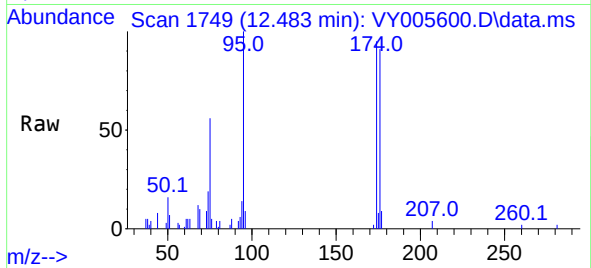




#62
4-Bromofluorobenzene
Concen: 54.727 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

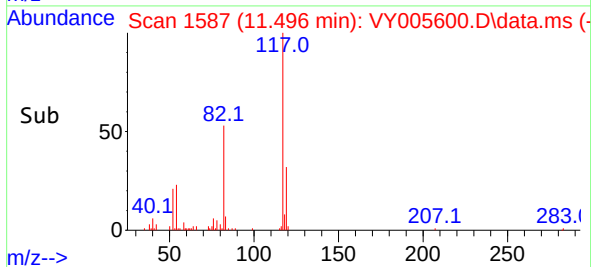
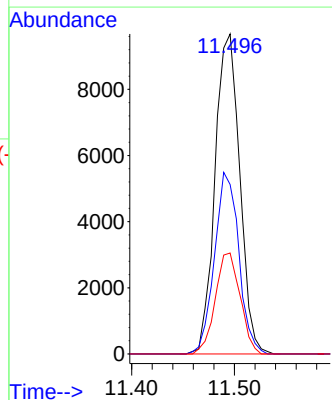
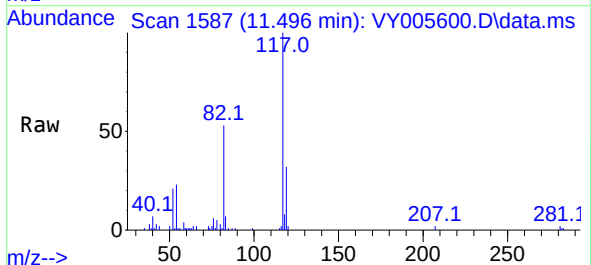
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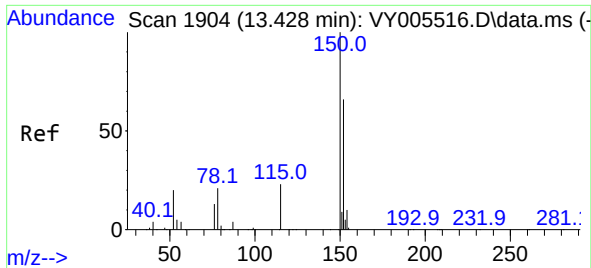
Tgt Ion:	95	Resp:	6635
Ion	Ratio	Lower	Upper
95	100		
174	98.6	0.0	191.4
176	95.7	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

Tgt Ion:	117	Resp:	16144
Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.5	65.3
119	31.6	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: VY005600.D
 Acq: 10 Aug 2021 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 124019

Tgt Ion:152 Resp: 7207

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.3	81.9
150	149.3	0.0	350.2

