

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005837.D
 Acq On : 25 Aug 2021 14:06
 Operator : SY/MD
 Sample : M3528-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-3-082421

Quant Time: Aug 26 03:37:36 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)

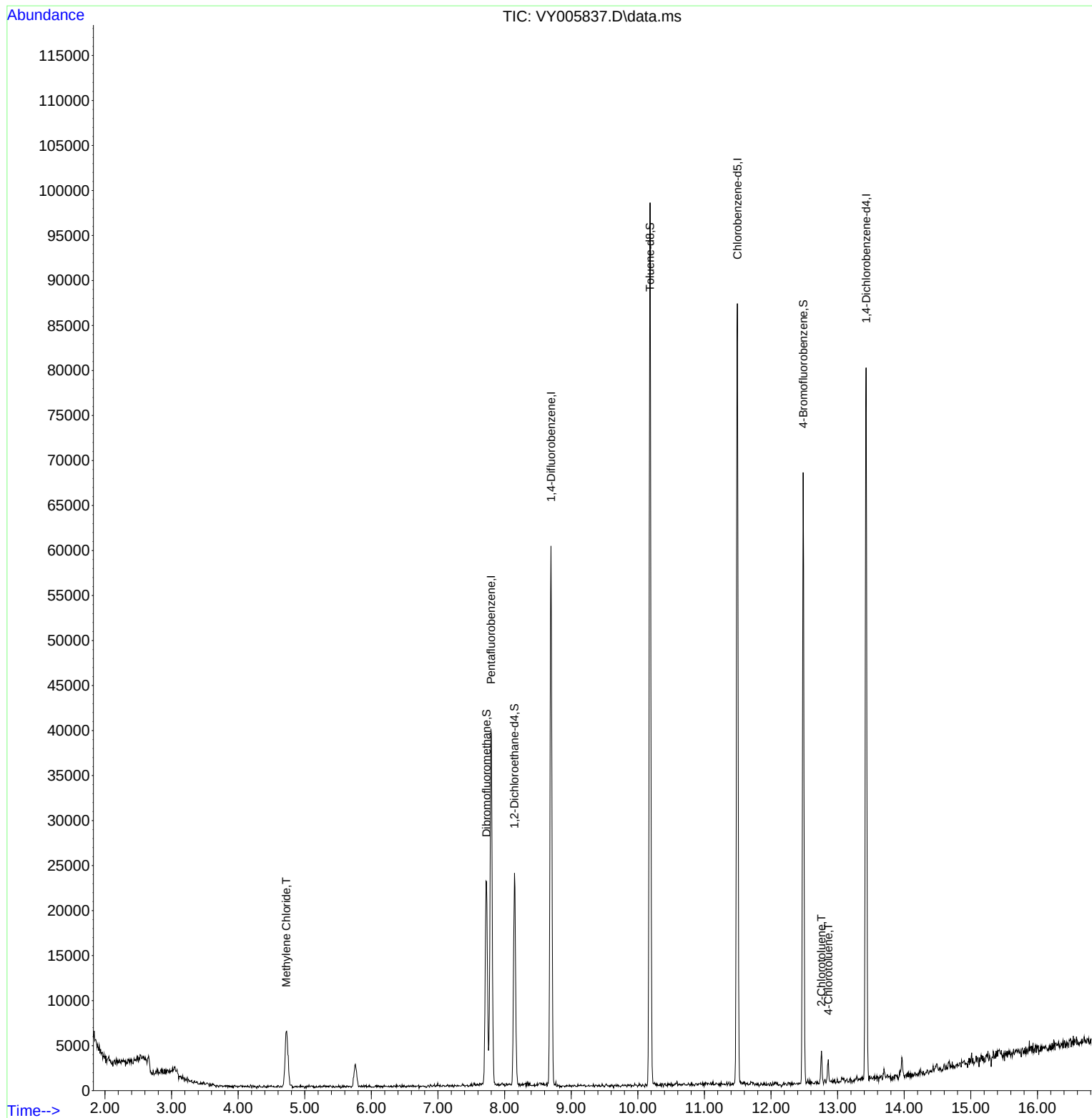
Internal Standards						
1) Pentafluorobenzene	7.795	168	32502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	49947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	47559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	18577	56.465	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.920%			
35) Dibromofluoromethane	7.728	113	15894	56.837	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.680%			
50) Toluene-d8	10.185	98	62555	53.338	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.680%			
62) 4-Bromofluorobenzene	12.483	95	18481	47.586	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.180%			
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	4937	10.187	ug/l	92
79) 2-Chlorotoluene	12.758	91	1971	1.935	ug/l	98
82) 4-Chlorotoluene	12.861	91	1568	1.488	ug/l	96

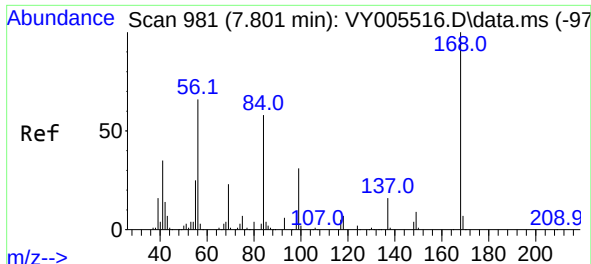
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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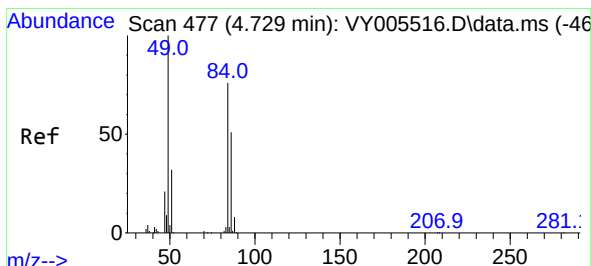
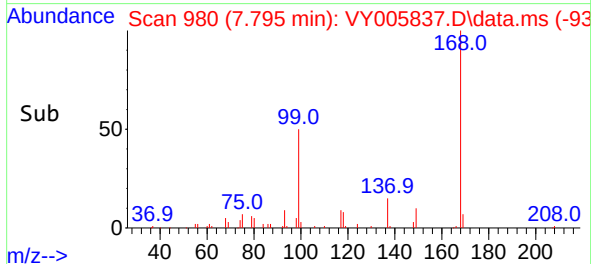
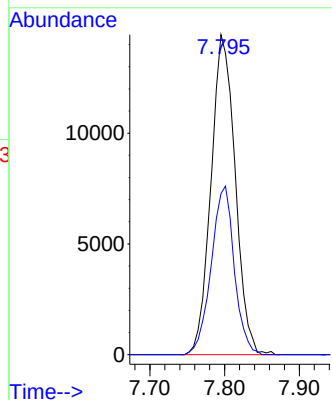
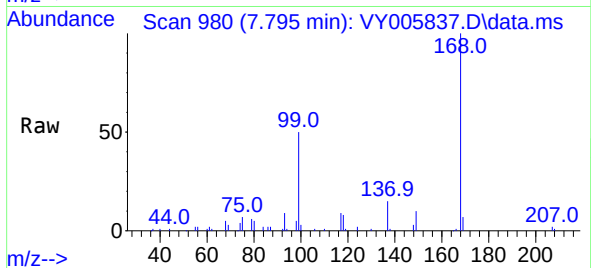




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

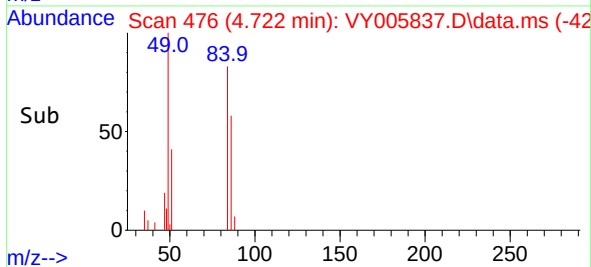
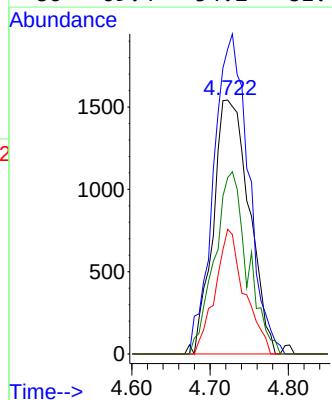
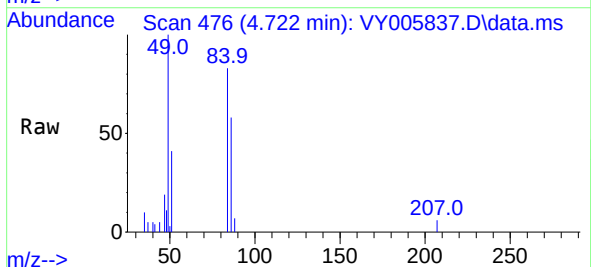
Instrument :
MSVOA_Y
ClientSampleId :
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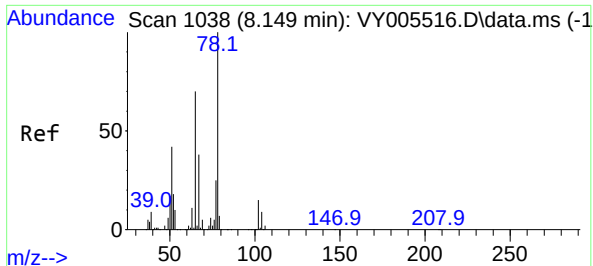
Tgt Ion:168 Resp: 32502
Ion Ratio Lower Upper
168 100
99 50.3 38.9 58.3



#20
Methylene Chloride
Concen: 10.187 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

Tgt Ion: 84 Resp: 4937
Ion Ratio Lower Upper
84 100
49 120.1 105.8 158.6
51 49.1 33.4 50.2
86 69.4 54.2 81.4

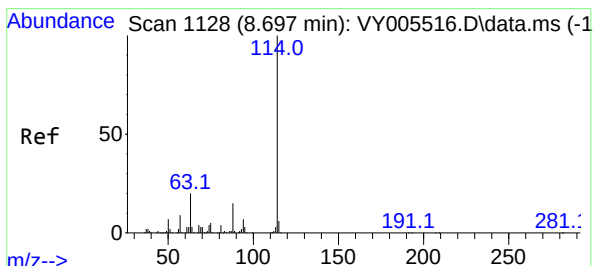
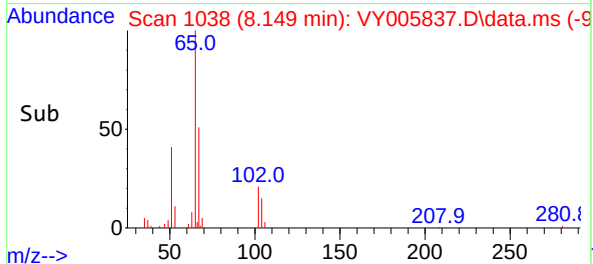
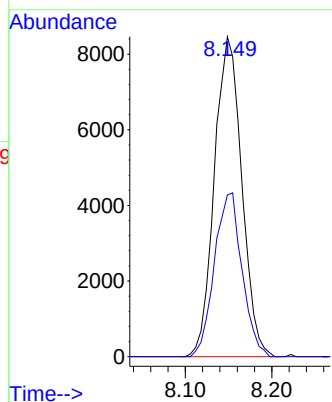
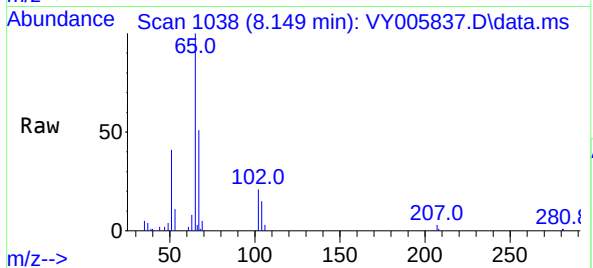




#33
1,2-Dichloroethane-d4
Concen: 56.465 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

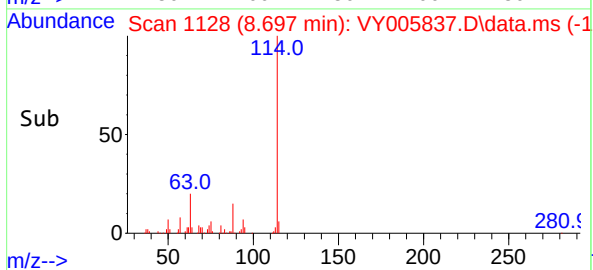
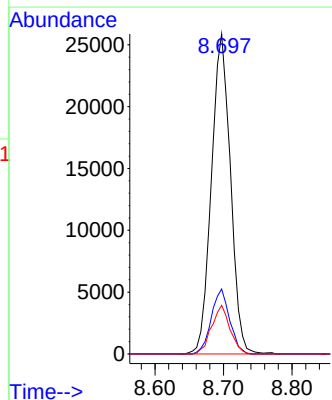
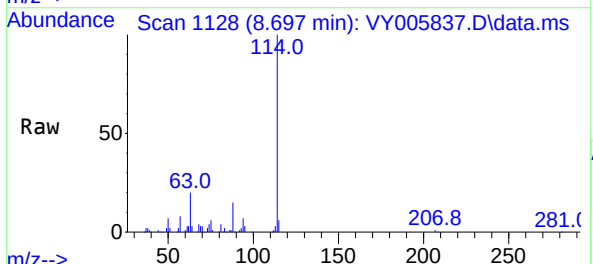
Instrument :
MSVOA_Y
ClientSampleId :
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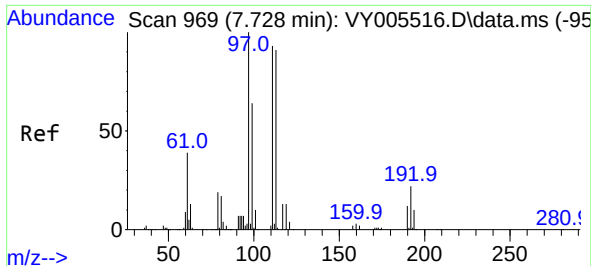
Tgt Ion: 65 Resp: 18577
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

Tgt Ion:114 Resp: 49947
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 15.2 0.0 30.8

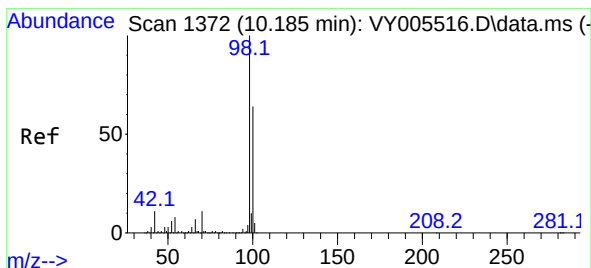
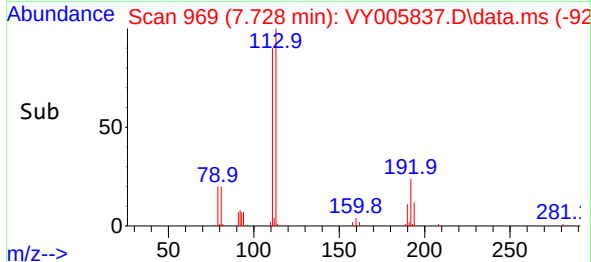
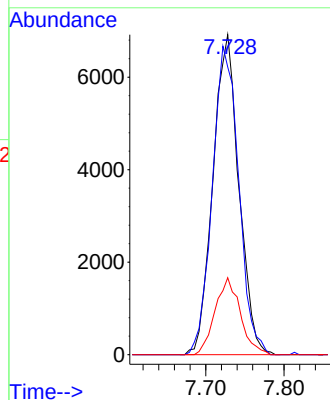
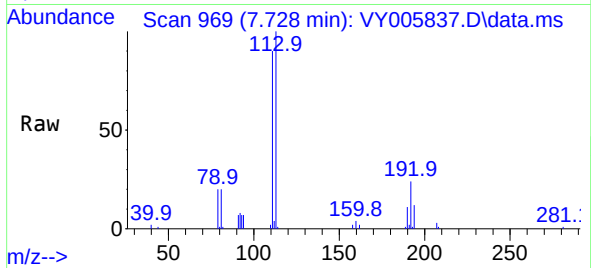




#35
Dibromofluoromethane
Concen: 56.837 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

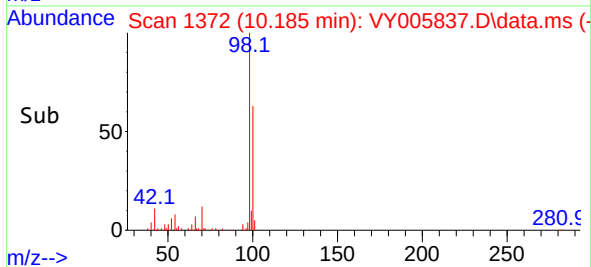
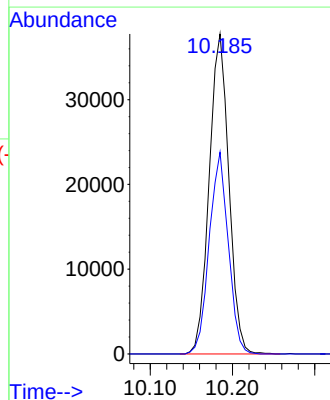
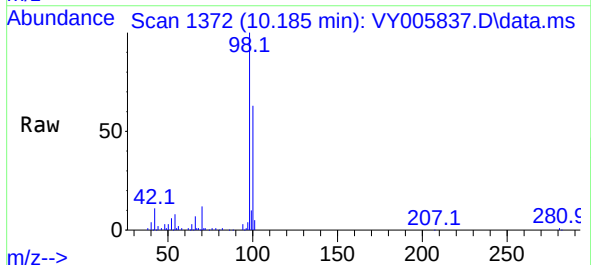
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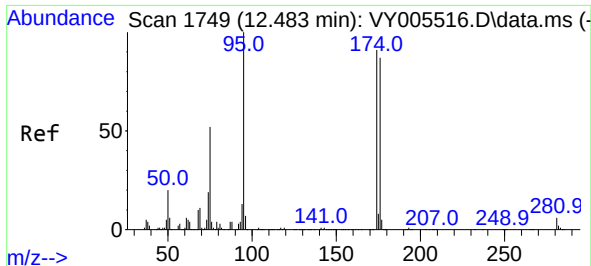
Tgt Ion:	113	Resp:	15894
Ion	Ratio	Lower	Upper
113	100		
111	98.4	81.9	122.9
192	23.4	19.2	28.8



#50
Toluene-d8
Concen: 53.338 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

Tgt Ion:	98	Resp:	62555
Ion	Ratio	Lower	Upper
98	100		
100	61.2	51.3	76.9

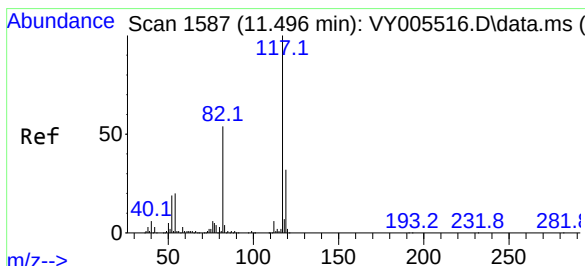
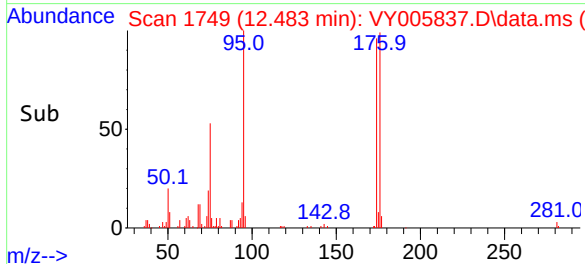
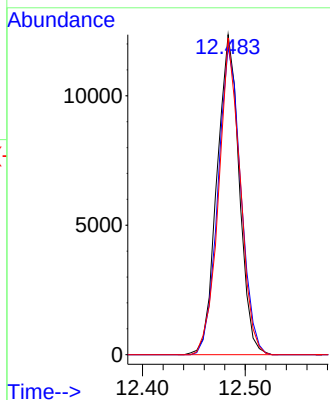
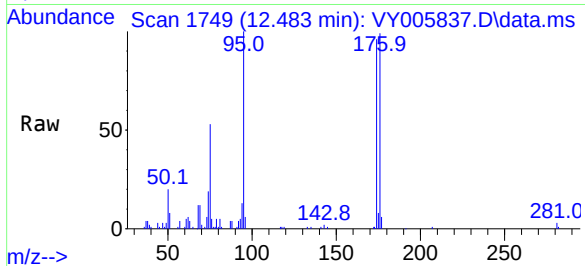




#62
4-Bromofluorobenzene
Concen: 47.586 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

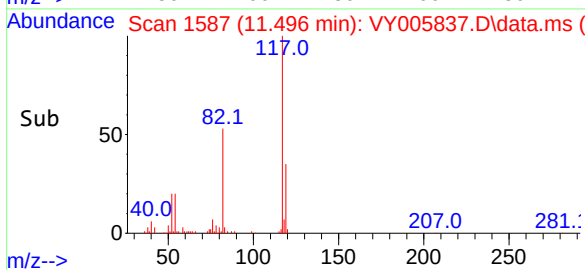
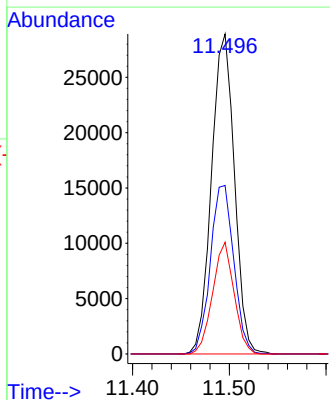
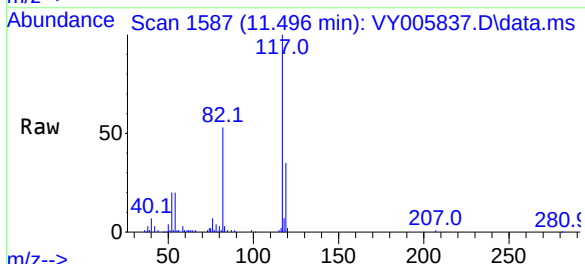
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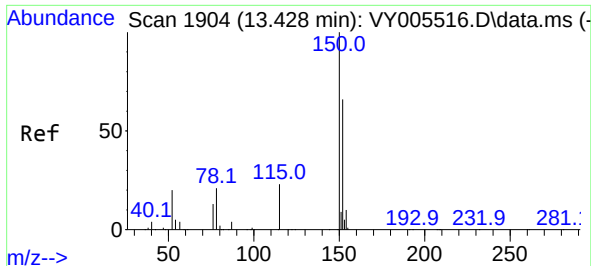
Tgt Ion:	95	Resp:	18481
Ion Ratio	Lower	Upper	
95	100		
174	99.1	0.0	191.4
176	95.5	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

Tgt Ion:	117	Resp:	47559
Ion Ratio	Lower	Upper	
117	100		
82	52.6	43.5	65.3
119	34.9	25.5	38.3

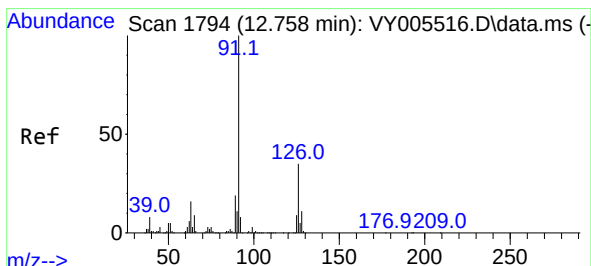
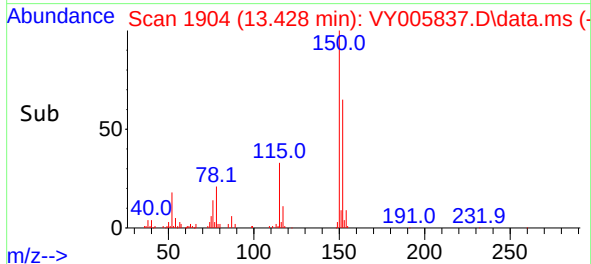
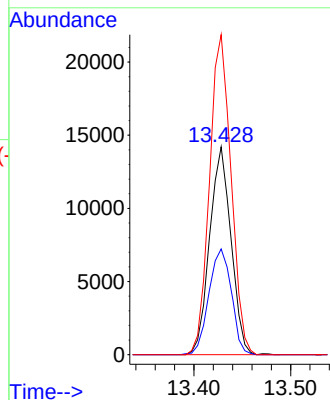
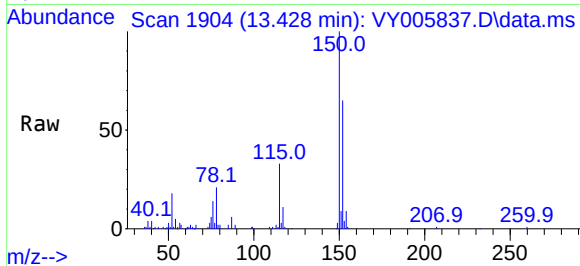




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

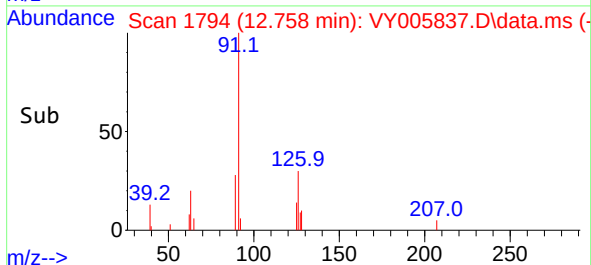
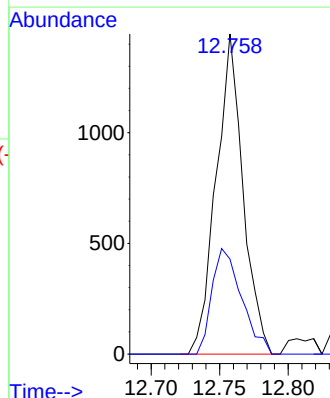
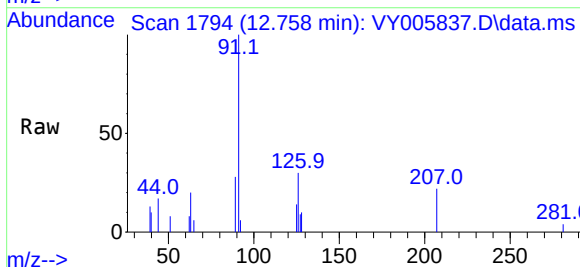
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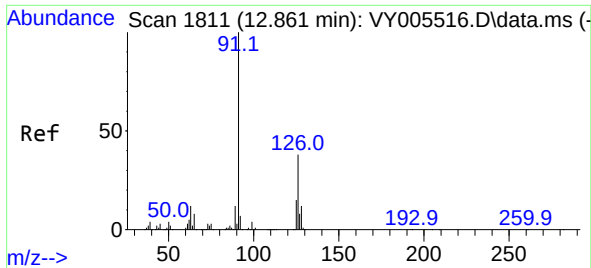
Tgt Ion:152 Resp: 21877
Ion Ratio Lower Upper
152 100
115 53.5 27.3 81.9
150 154.8 0.0 350.2



#79
2-Chlorotoluene
Concen: 1.935 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY005837.D
Acq: 25 Aug 2021 14:06

Tgt Ion: 91 Resp: 1971
Ion Ratio Lower Upper
91 100
126 36.5 17.5 52.6





#82
 4-Chlorotoluene
 Concen: 1.488 ug/l
 RT: 12.861 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: VY005837.D
 Acq: 25 Aug 2021 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	91	Resp:	1568
Ion	Ratio	Lower	Upper
91	100		
126	32.6	17.5	52.5

