

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005260.D
 Acq On : 28 Jun 2021 19:29
 Operator : SY/MD
 Sample : M2889-02
 Misc : 5.65G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(11.5-12)

Quant Time: Jun 29 01:20:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

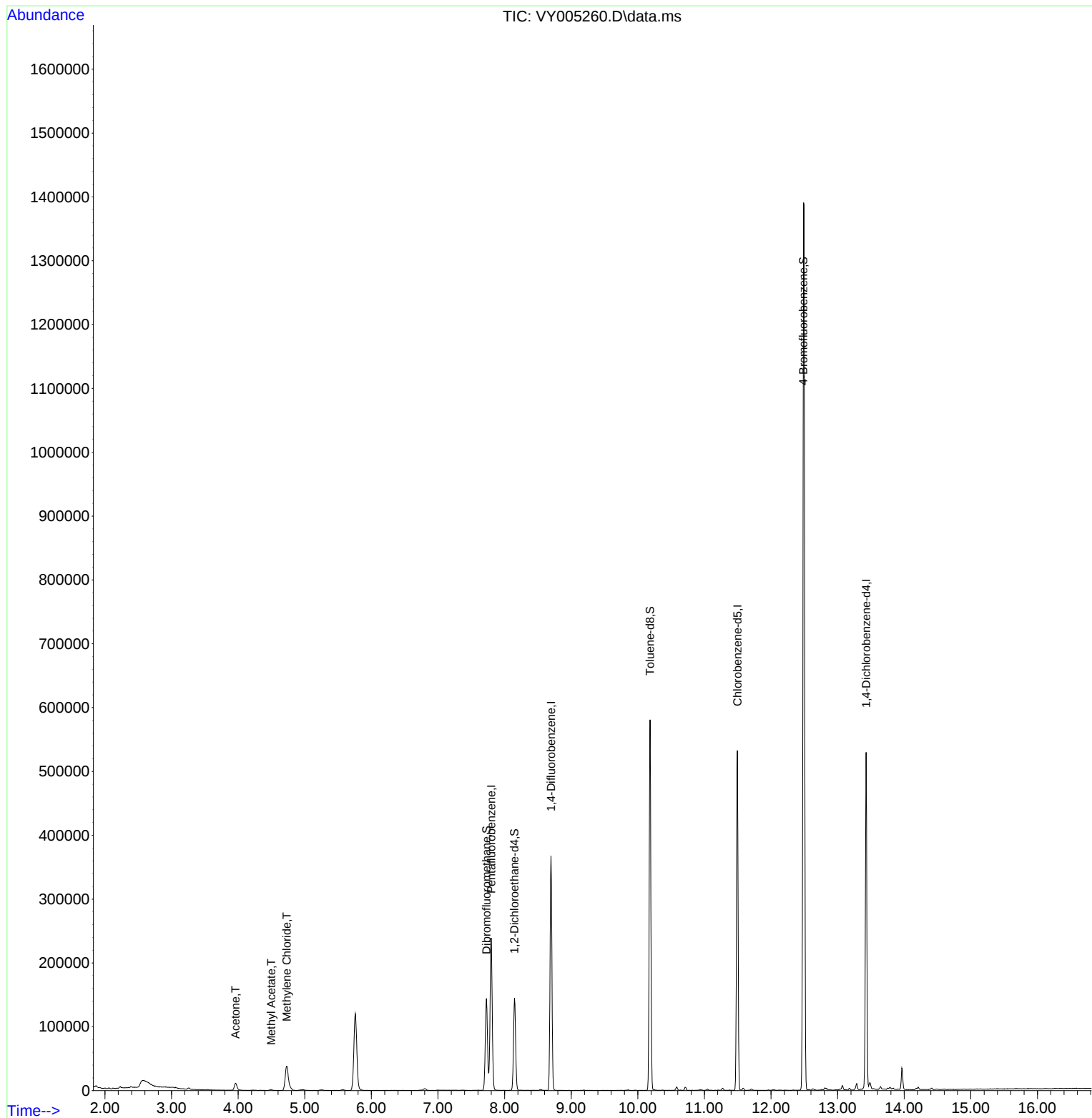
Internal Standards						
1) Pentafluorobenzene	7.801	168	207300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	305486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112638	65.476	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.960%			
35) Dibromofluoromethane	7.728	113	99215	52.256	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.520%			
50) Toluene-d8	10.185	98	388522	51.170	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.483	95	131846	52.110	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.220%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	19611	49.347	ug/l	94
18) Methyl Acetate	4.497	43	2225	2.107	ug/l	92
20) Methylene Chloride	4.728	84	30767	7.092	ug/l	96

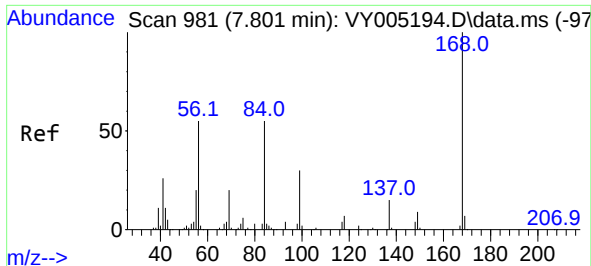
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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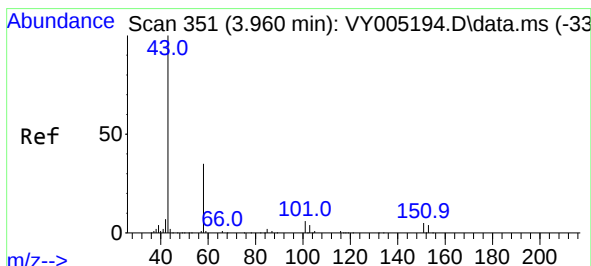
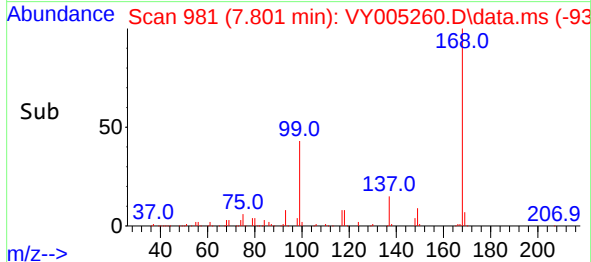
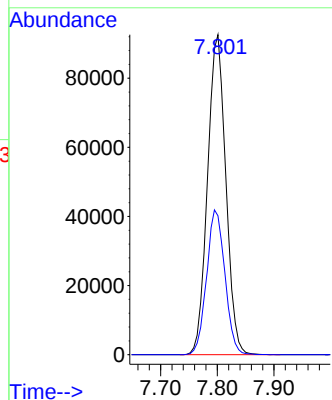
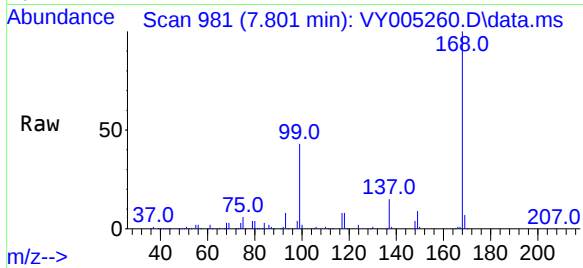




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

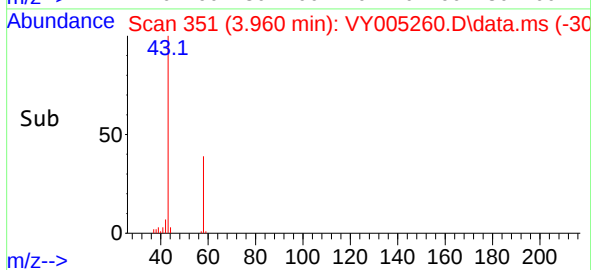
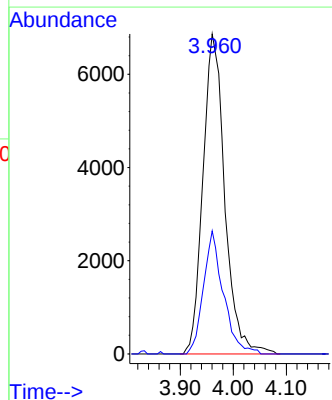
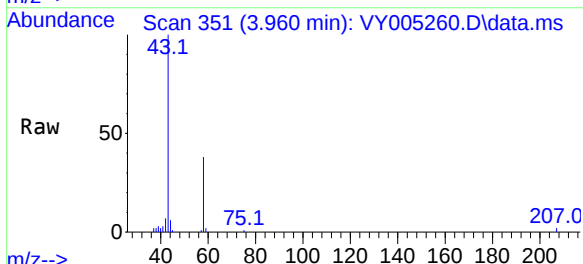
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(11.5-12)

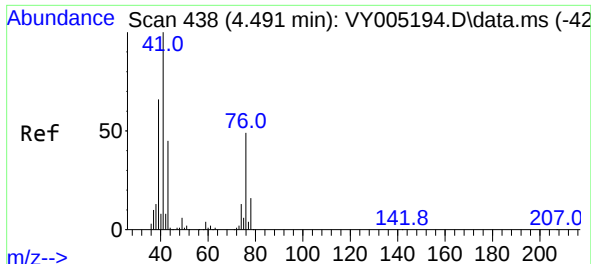
Tgt Ion:168 Resp: 207300
Ion Ratio Lower Upper
168 100
99 43.4 36.2 54.4



#16
Acetone
Concen: 49.347 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Tgt Ion: 43 Resp: 19611
Ion Ratio Lower Upper
43 100
58 38.5 28.2 42.2

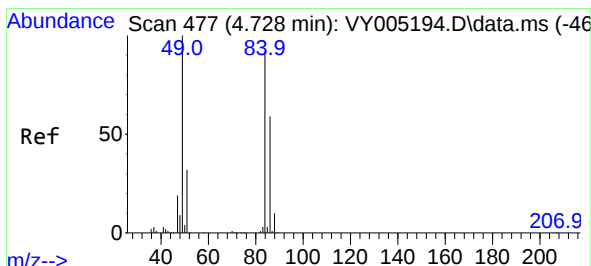
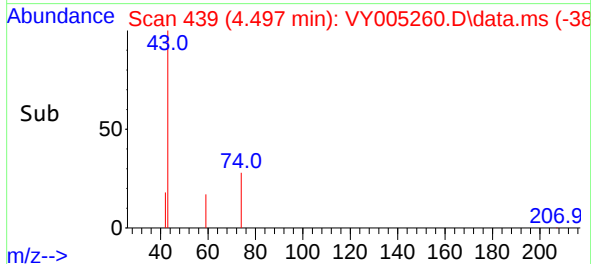
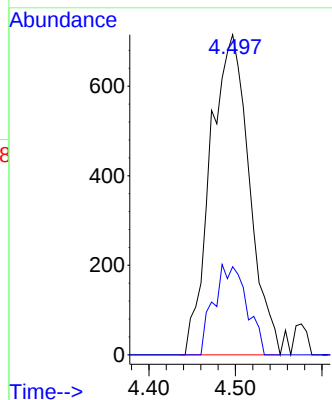
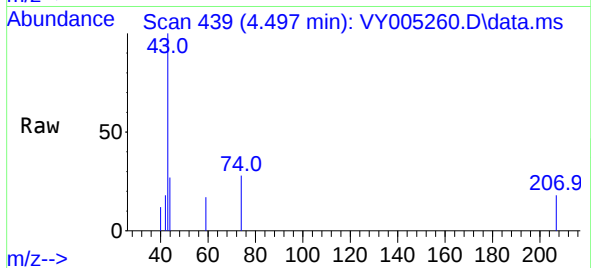




#18
Methyl Acetate
Concen: 2.107 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

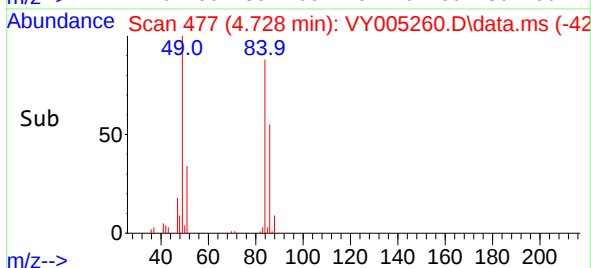
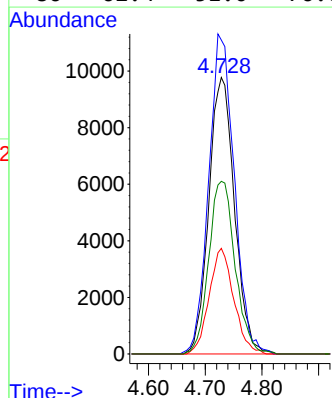
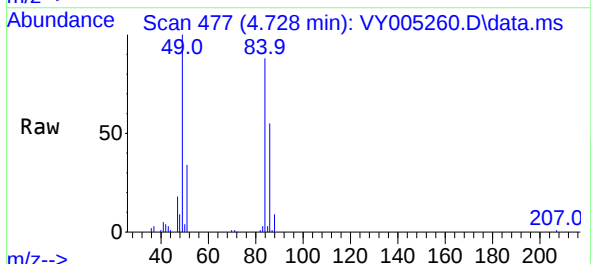
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(11.5-12)

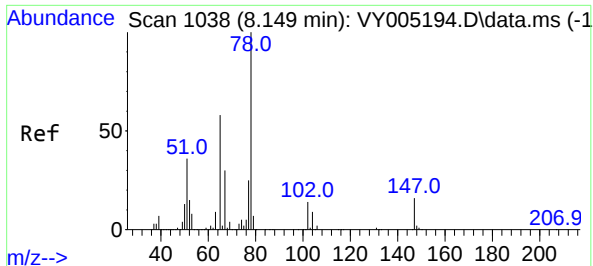
Tgt Ion: 43 Resp: 2225
Ion Ratio Lower Upper
43 100
74 23.8 22.5 33.7



#20
Methylene Chloride
Concen: 7.092 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Tgt Ion: 84 Resp: 30767
Ion Ratio Lower Upper
84 100
49 113.5 86.9 130.3
51 38.2 27.4 41.2
86 62.4 51.0 76.6



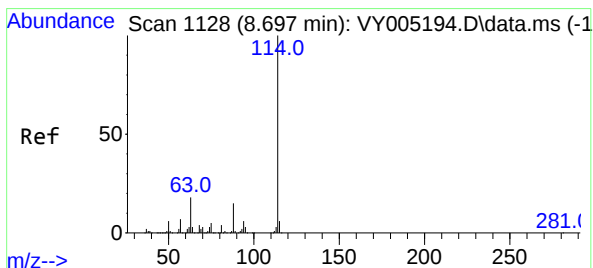
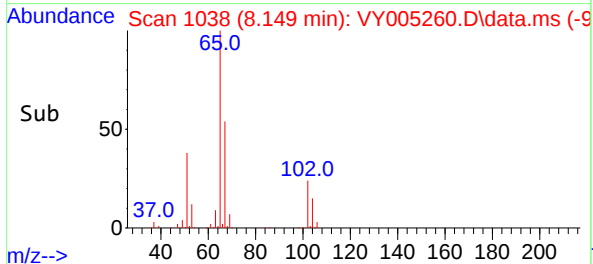
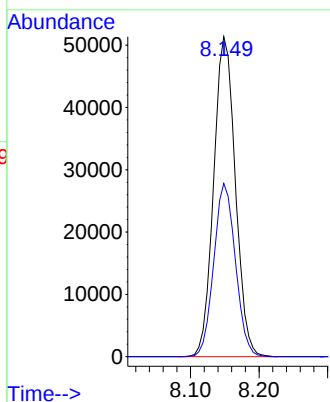
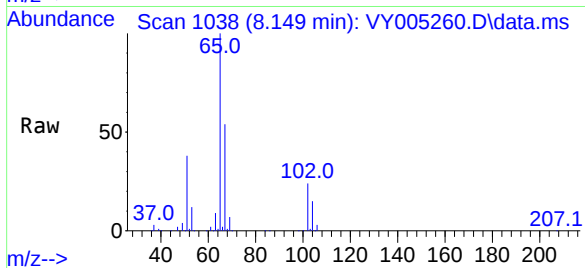


#33
 1,2-Dichloroethane-d4
 Concen: 65.476 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005260.D
 Acq: 28 Jun 2021 19:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(11.5-12)

Tgt Ion: 65 Resp: 112638

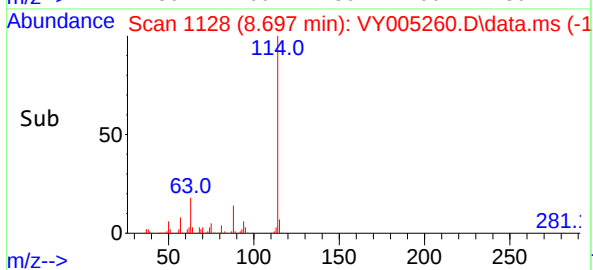
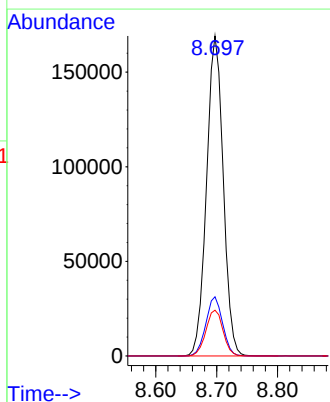
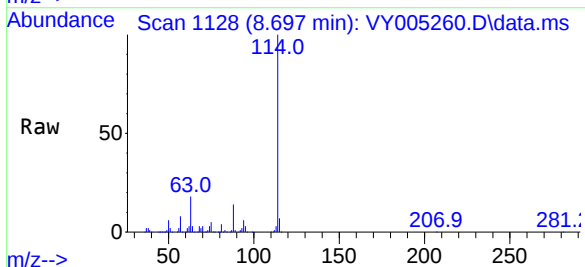
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	110.6

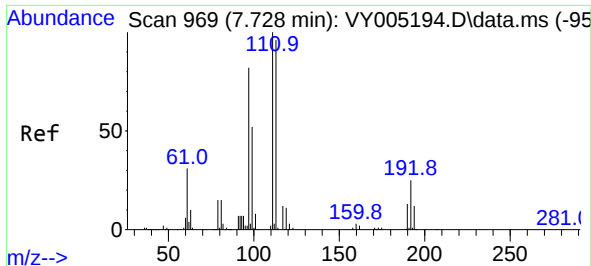


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005260.D
 Acq: 28 Jun 2021 19:29

Tgt Ion: 114 Resp: 321935

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.2
88	14.3	0.0	29.4

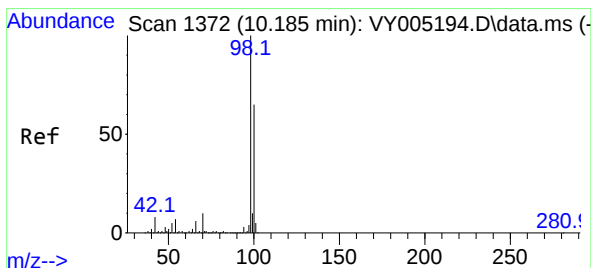
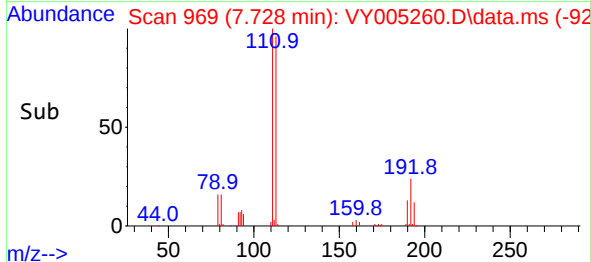
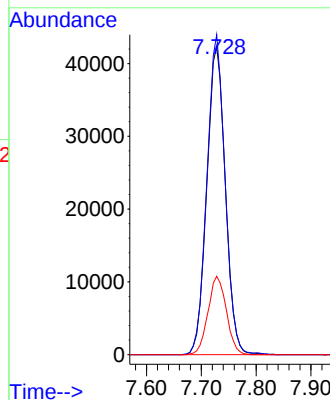
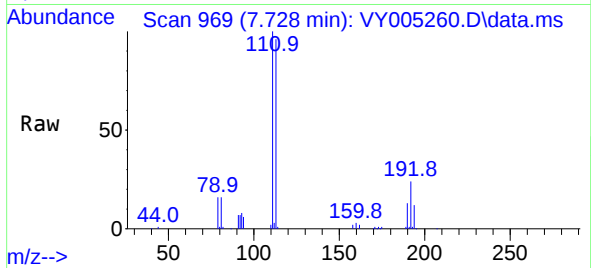




#35
Dibromofluoromethane
Concen: 52.256 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

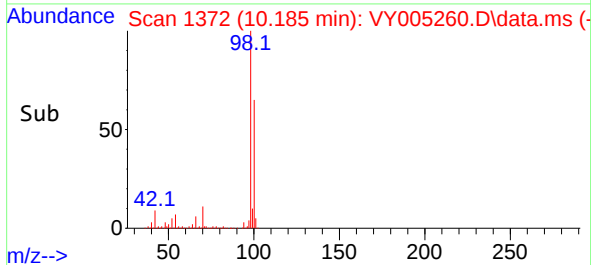
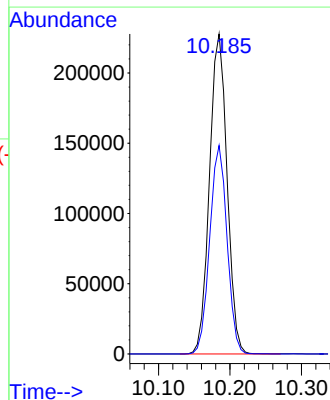
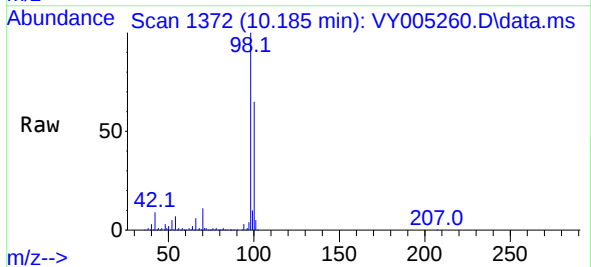
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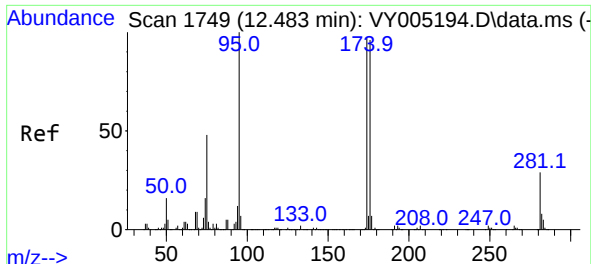
Tgt Ion:113 Resp: 99215
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 25.2 20.2 30.2



#50
Toluene-d8
Concen: 51.170 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Tgt Ion: 98 Resp: 388522
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

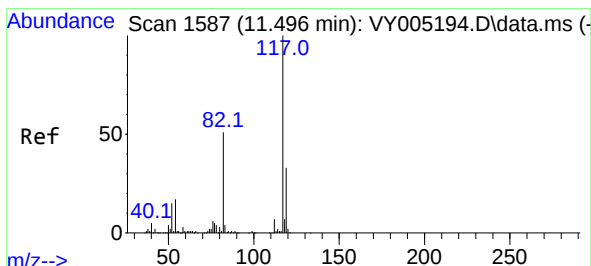
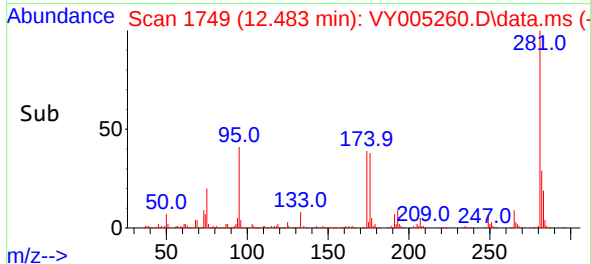
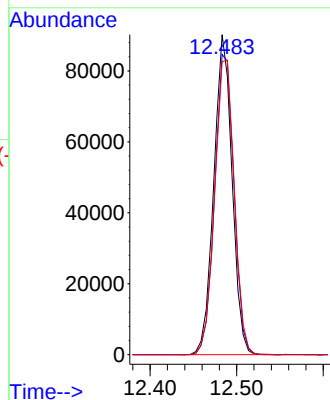
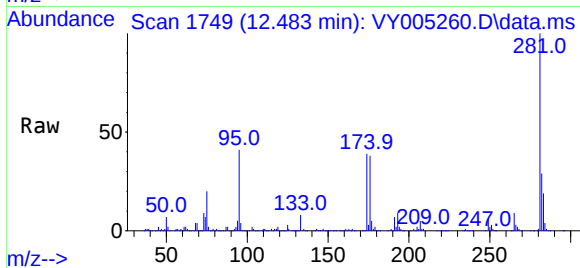




#62
4-Bromofluorobenzene
Concen: 52.110 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

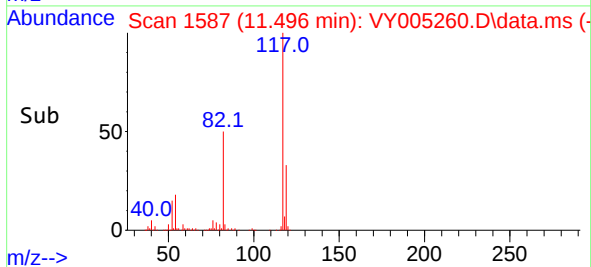
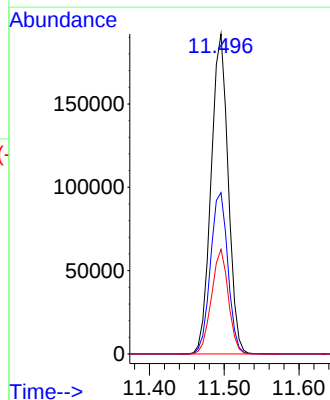
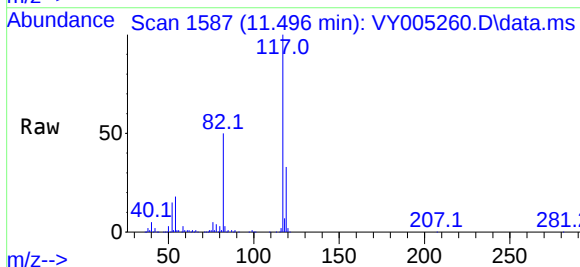
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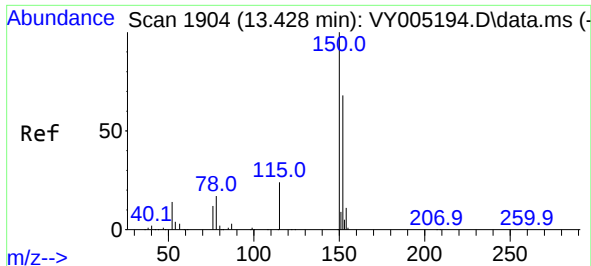
Tgt Ion: 95 Resp: 131846
Ion Ratio Lower Upper
95 100
174 99.0 0.0 201.6
176 99.2 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005260.D
Acq: 28 Jun 2021 19:29

Tgt Ion:117 Resp: 305486
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.7 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005260.D
 Acq: 28 Jun 2021 19:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(11.5-12)

Tgt Ion:152 Resp: 142250
 Ion Ratio Lower Upper
 152 100
 115 52.8 26.3 78.8
 150 156.0 0.0 344.2

