

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005500.D
 Acq On : 28 Jul 2021 19:22
 Operator : SY/MD
 Sample : M3216-04
 Misc : 10.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210431-17

Quant Time: Jul 29 05:35:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

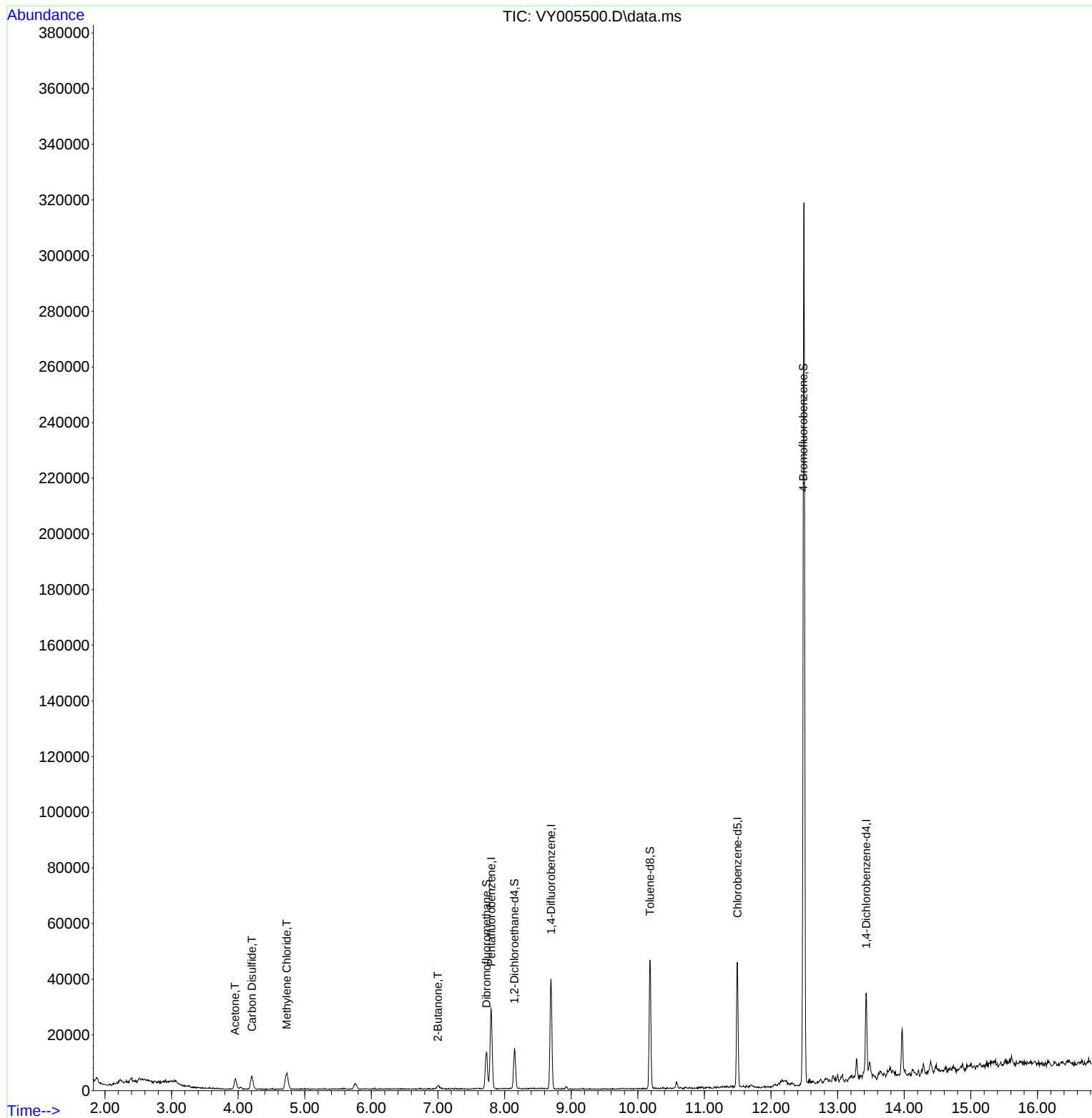
Internal Standards						
1) Pentafluorobenzene	7.801	168	22641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	33854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	24354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	11474	47.436	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.880%		
35) Dibromofluoromethane	7.728	113	9111	46.609	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.220%		
50) Toluene-d8	10.185	98	31675	38.232	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	76.460%		
62) 4-Bromofluorobenzene	12.483	95	8072	29.520	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	59.040%		
Target Compounds					Qvalue	
16) Acetone	3.954	43	6009	108.782	ug/l #	82
17) Carbon Disulfide	4.204	76	9302	12.995	ug/l #	94
20) Methylene Chloride	4.728	84	4298	12.611	ug/l #	90
25) 2-Butanone	6.996	43	1802	21.784	ug/l	98

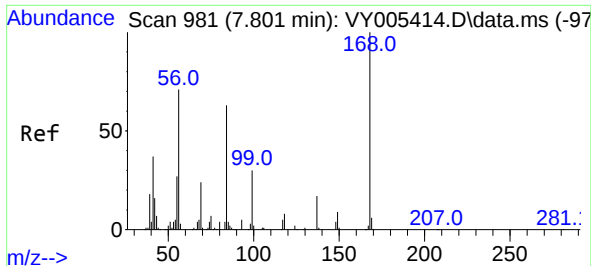
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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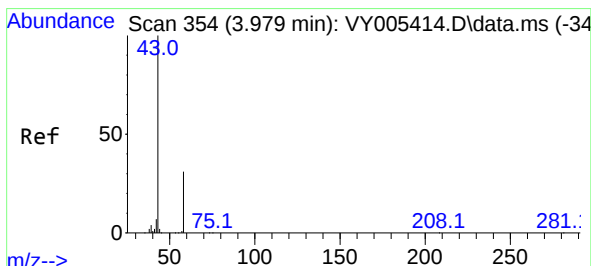
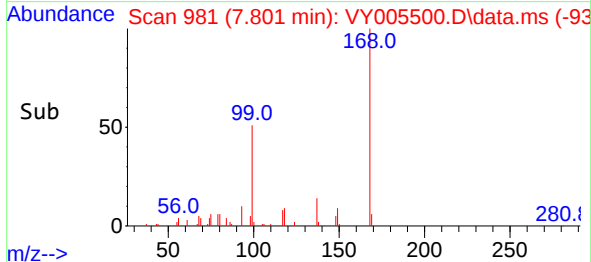
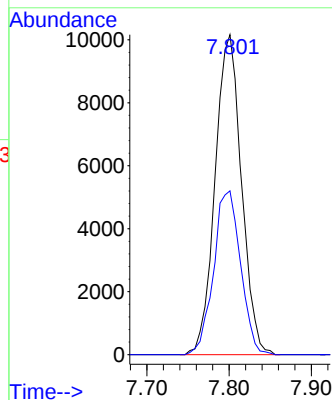
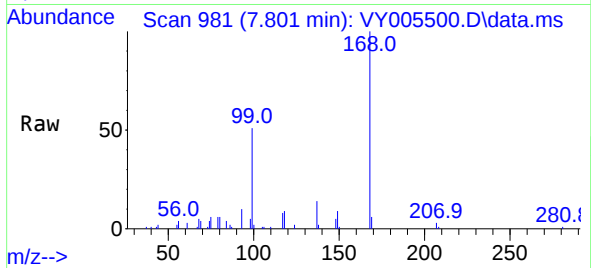




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005500.D
Acq: 28 Jul 2021 19:22

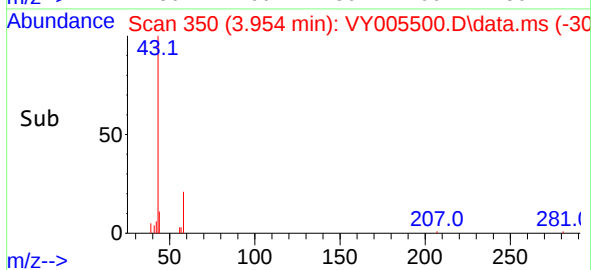
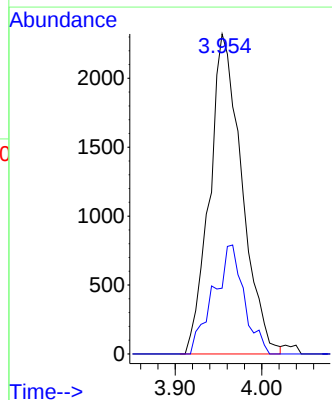
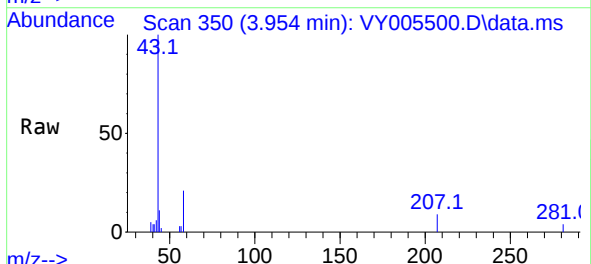
Instrument :
MSVOA_Y
ClientSampleId :
20210431-17

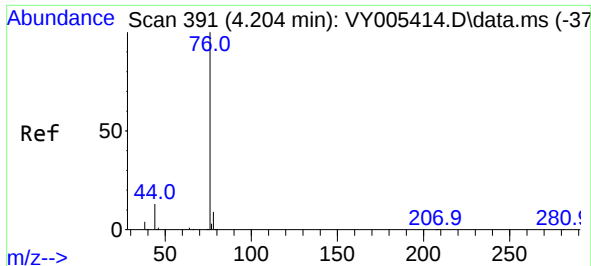
Tgt Ion:168 Resp: 22641
Ion Ratio Lower Upper
168 100
99 51.2 39.8 59.6



#16
Acetone
Concen: 108.782 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.024 min
Lab File: VY005500.D
Acq: 28 Jul 2021 19:22

Tgt Ion: 43 Resp: 6009
Ion Ratio Lower Upper
43 100
58 20.5 24.5 36.7#

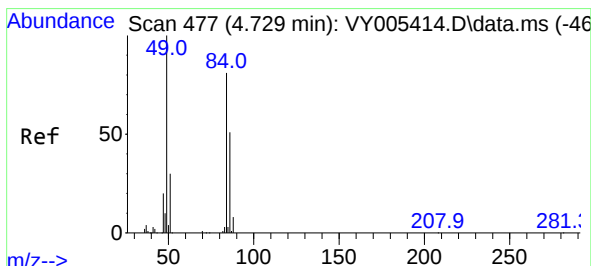
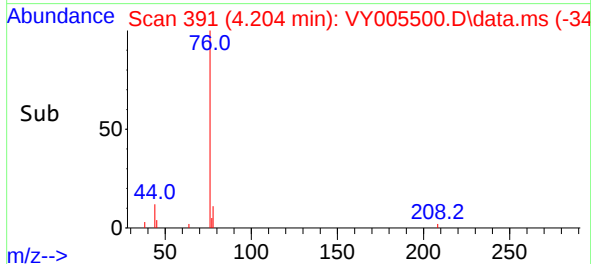
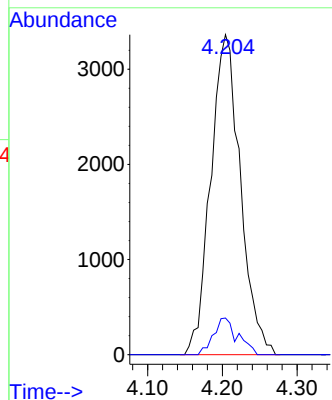
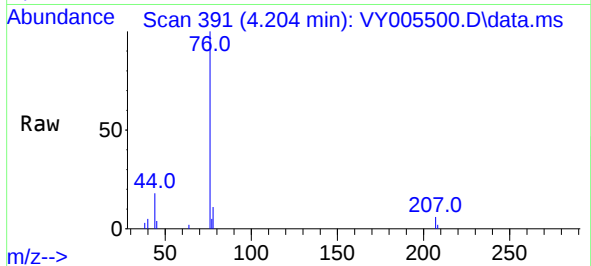




#17
Carbon Disulfide
Concen: 12.995 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005500.D
Acq: 28 Jul 2021 19:22

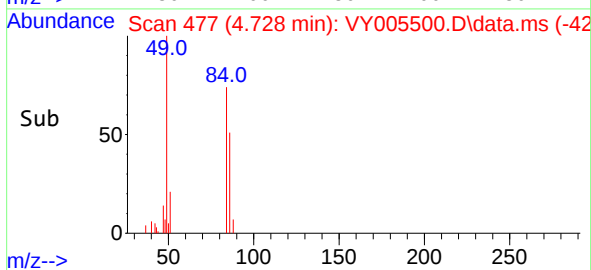
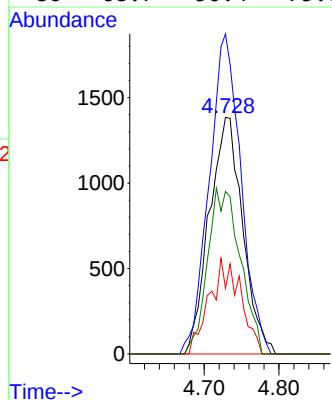
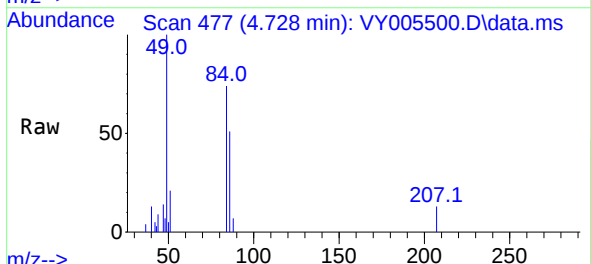
Instrument :
MSVOA_Y
ClientSampleId :
20210431-17

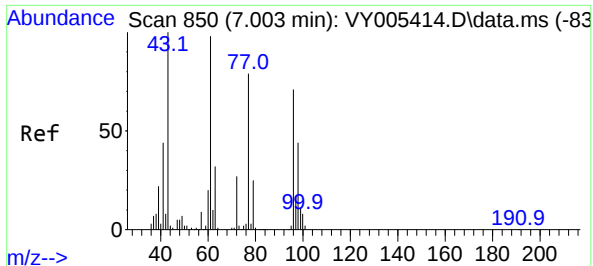
Tgt Ion: 76 Resp: 9302
Ion Ratio Lower Upper
76 100
78 11.4 7.3 10.9#



#20
Methylene Chloride
Concen: 12.611 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005500.D
Acq: 28 Jul 2021 19:22

Tgt Ion: 84 Resp: 4298
Ion Ratio Lower Upper
84 100
49 135.3 98.9 148.3
51 27.8 30.0 45.0#
86 68.7 50.4 75.6





#25

2-Butanone

Concen: 21.784 ug/l

RT: 6.996 min Scan# 849

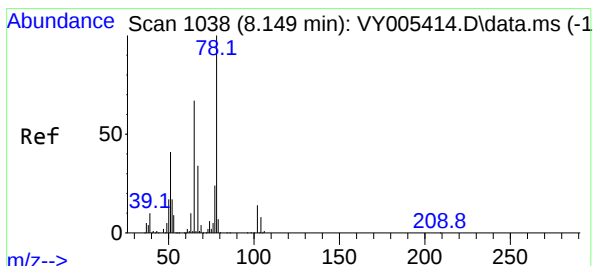
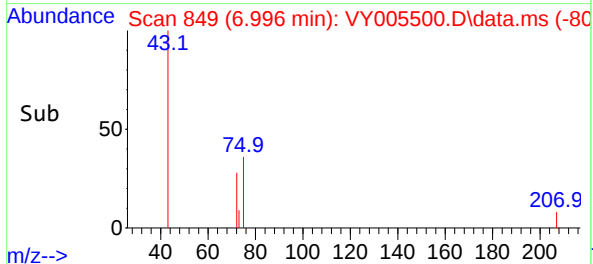
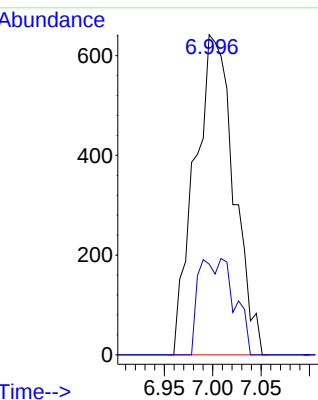
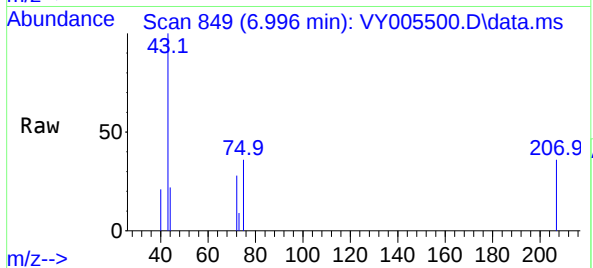
Delta R.T. -0.006 min

Lab File: VY005500.D

Acq: 28 Jul 2021 19:22

Instrument :
MSVOA_Y
ClientSampleId :
20210431-17

Tgt Ion: 43 Resp: 1802
Ion Ratio Lower Upper
43 100
72 28.3 21.9 32.9



#33

1,2-Dichloroethane-d4

Concen: 47.436 ug/l

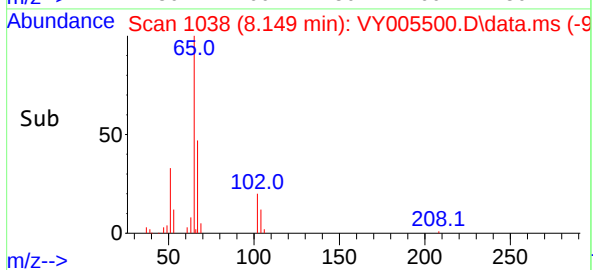
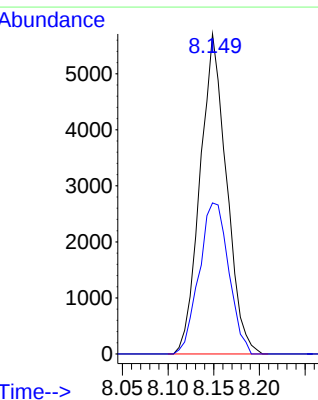
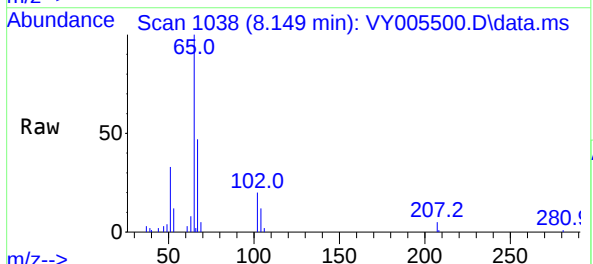
RT: 8.149 min Scan# 1038

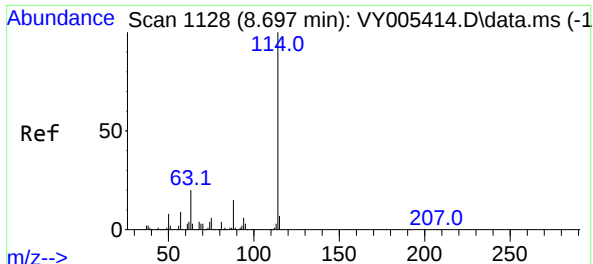
Delta R.T. -0.000 min

Lab File: VY005500.D

Acq: 28 Jul 2021 19:22

Tgt Ion: 65 Resp: 11474
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.2

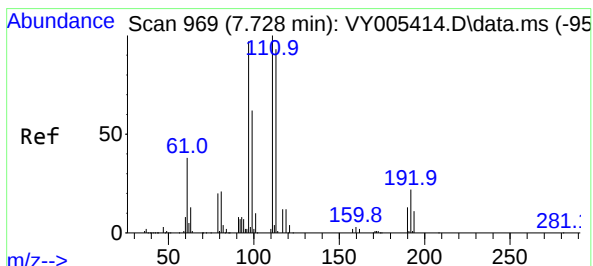
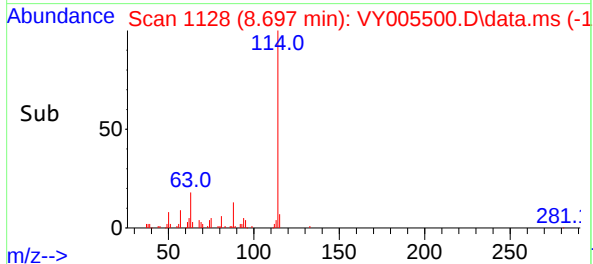
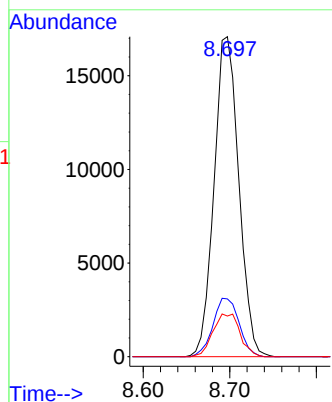
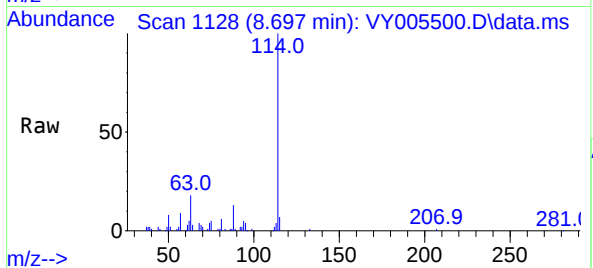




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005500.D
Acq: 28 Jul 2021 19:22

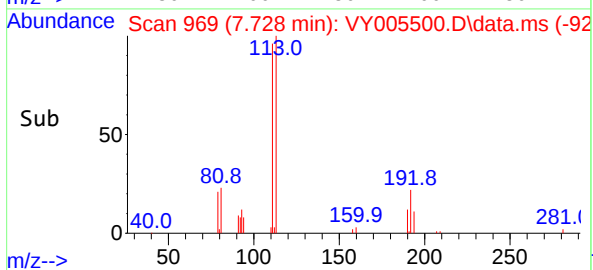
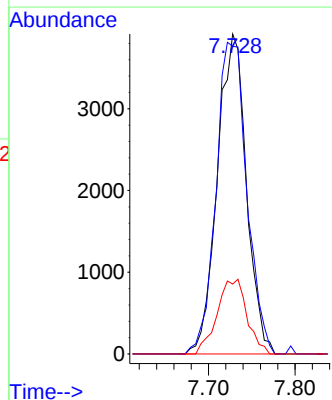
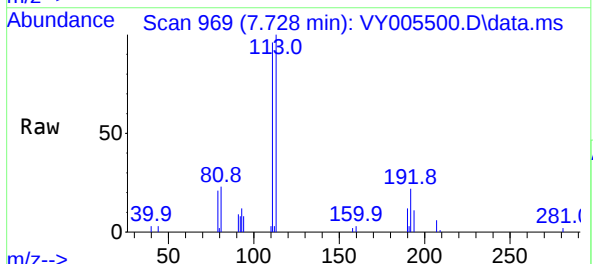
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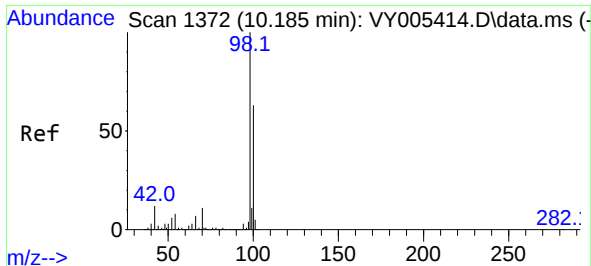
Tgt Ion:	114	Resp:	33854
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.0
88	12.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 46.609 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005500.D
Acq: 28 Jul 2021 19:22

Tgt Ion:	113	Resp:	9111
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	23.9	18.9	28.3

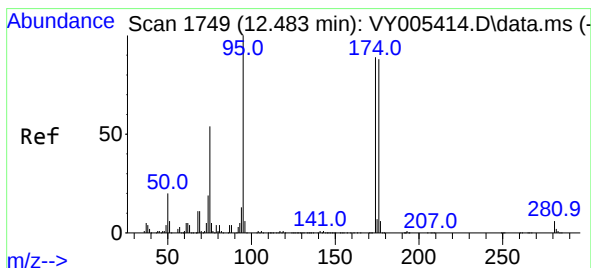
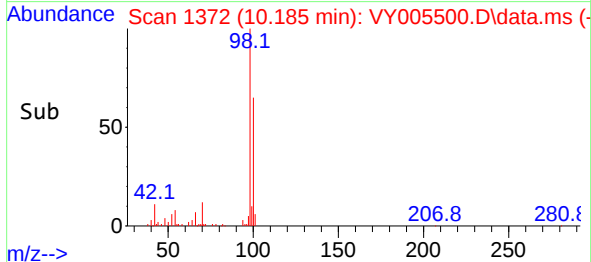
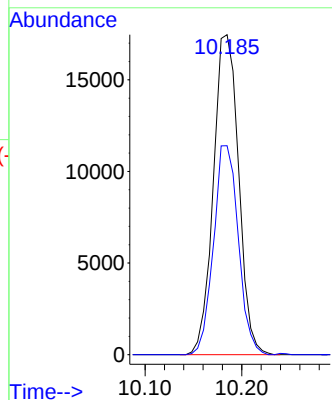
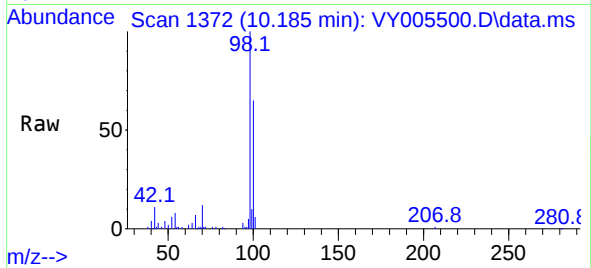




#50
Toluene-d8
Concen: 38.232 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005500.D
Acq: 28 Jul 2021 19:22

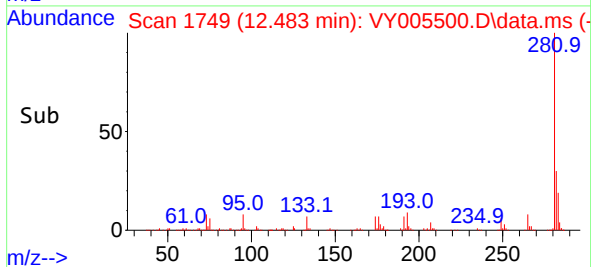
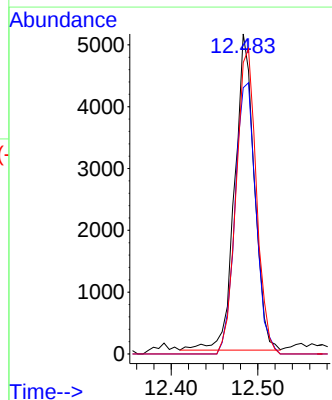
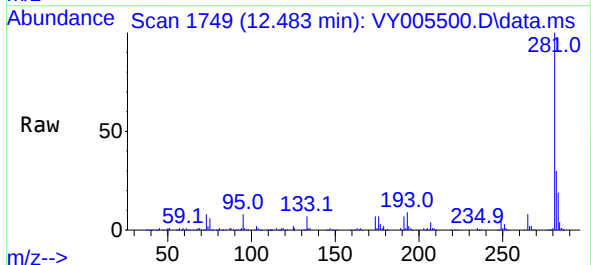
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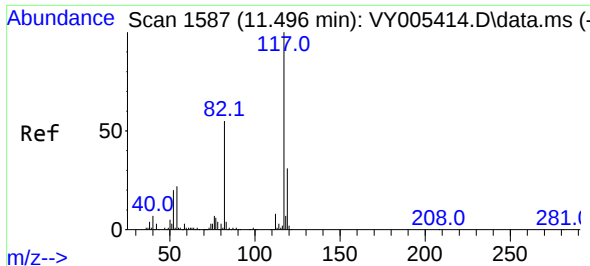
Tgt Ion: 98 Resp: 31675
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 29.520 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005500.D
Acq: 28 Jul 2021 19:22

Tgt Ion: 95 Resp: 8072
Ion Ratio Lower Upper
95 100
174 90.6 0.0 186.6
176 99.1 0.0 182.4

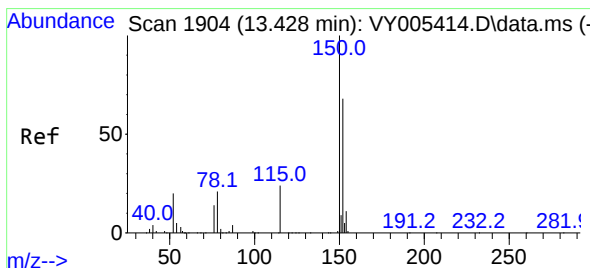
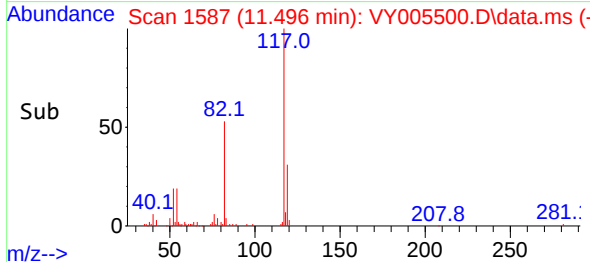
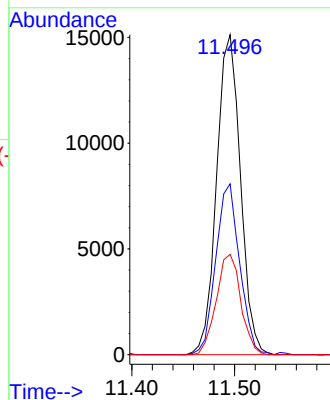
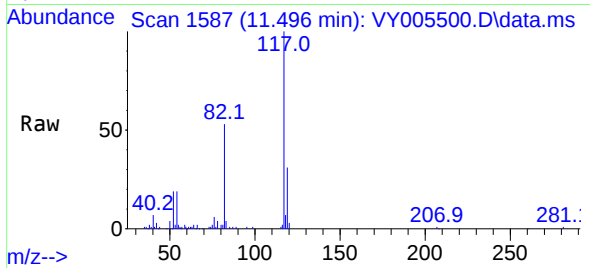




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005500.D
Acq: 28 Jul 2021 19:22

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Tgt Ion:	117	Resp:	24354
Ion Ratio	Lower	Upper	
117	100		
82	53.4	43.8	65.6
119	31.3	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005500.D
Acq: 28 Jul 2021 19:22

Tgt Ion:	152	Resp:	7940
Ion Ratio	Lower	Upper	
152	100		
115	51.5	27.7	83.1
150	153.5	0.0	349.6

