

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005497.D
 Acq On : 28 Jul 2021 18:15
 Operator : SY/MD
 Sample : M3216-01
 Misc : 7.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210460-46

Quant Time: Jul 29 05:34:52 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)

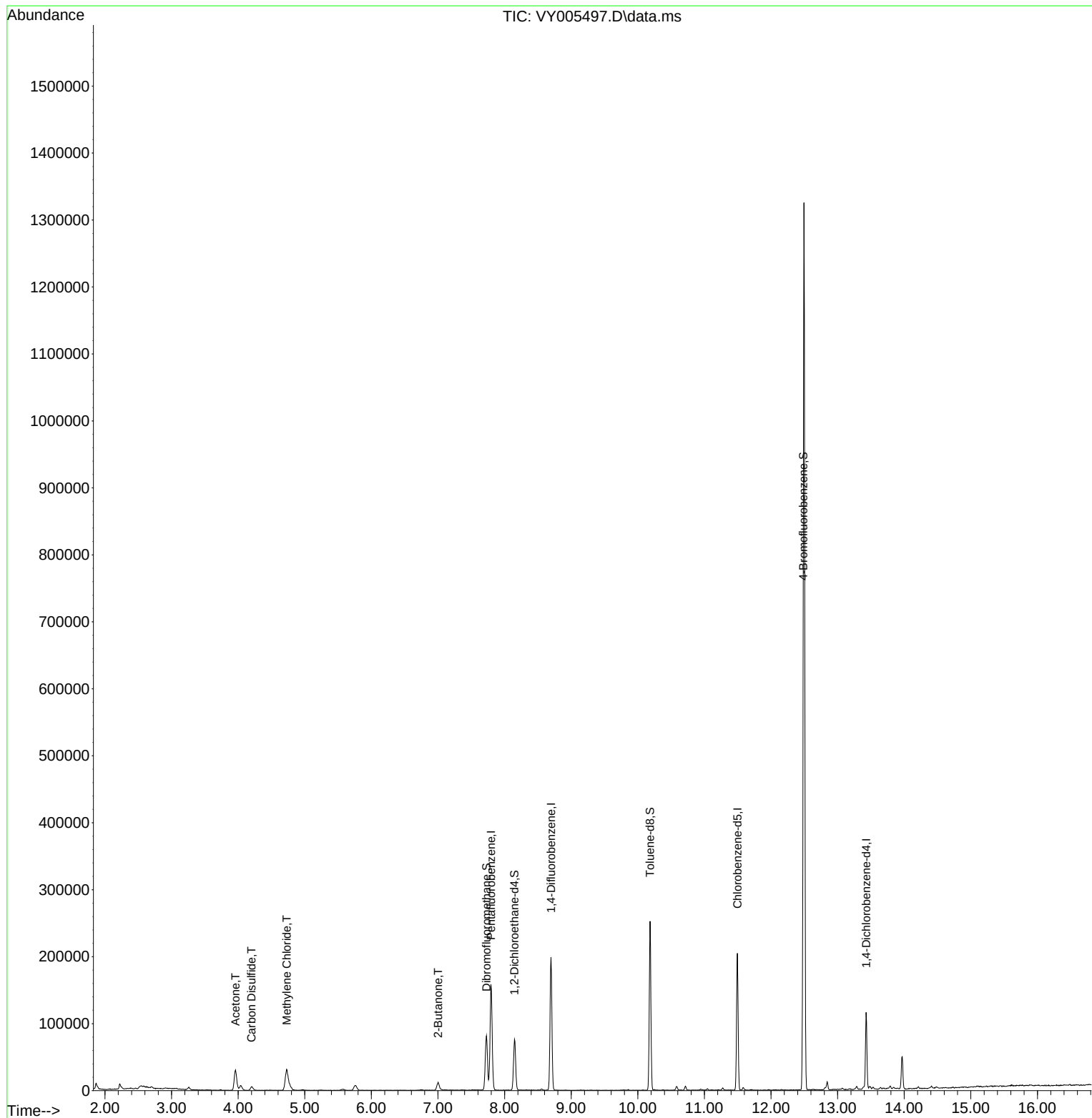
Internal Standards						
1) Pentafluorobenzene	7.795	168	124690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	165948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	107502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63012	47.302	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.600%		
35) Dibromofluoromethane	7.728	113	55164	57.571	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	115.140%		
50) Toluene-d8	10.185	98	158555	39.041	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	78.080%		
62) 4-Bromofluorobenzene	12.483	95	35554	26.525	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	53.060%		
Target Compounds					Qvalue	
16) Acetone	3.960	43	51646	169.768	ug/l	96
17) Carbon Disulfide	4.198	76	10380	2.633	ug/l	99
20) Methylene Chloride	4.728	84	21933	11.581	ug/l	91
25) 2-Butanone	7.002	43	16428	36.060	ug/l	94

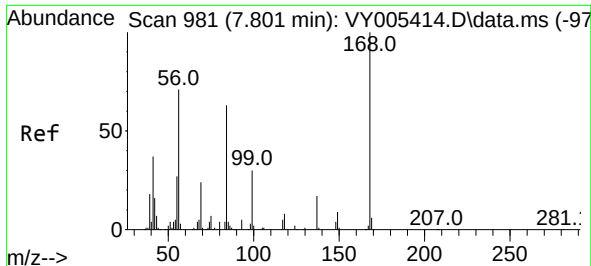
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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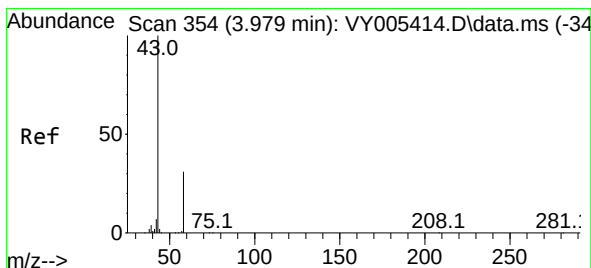
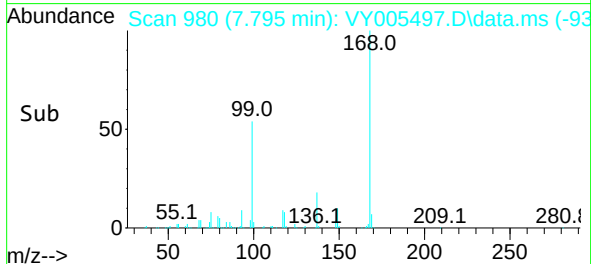
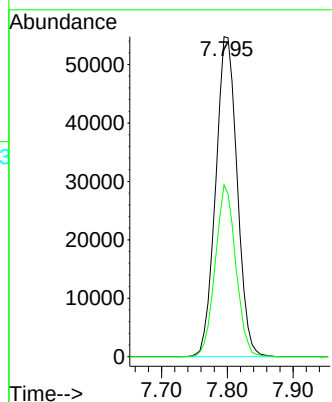
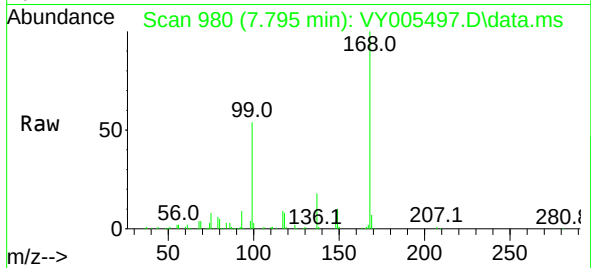




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005497.D
Acq: 28 Jul 2021 18:15

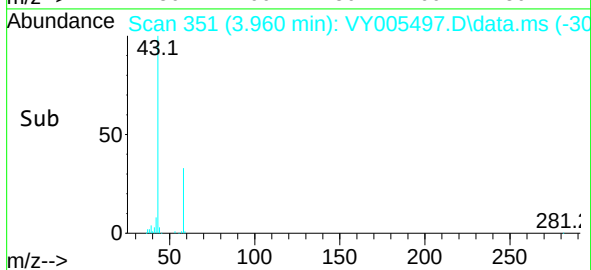
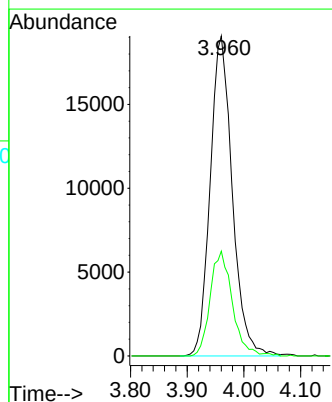
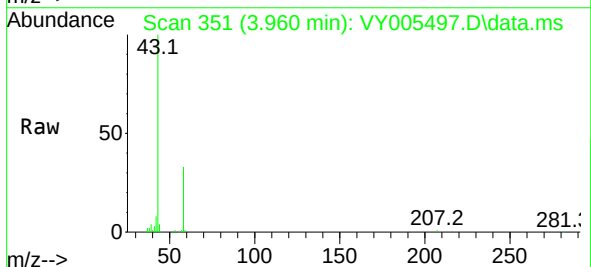
Instrument :
MSVOA_Y
ClientSampleId :
20210460-46

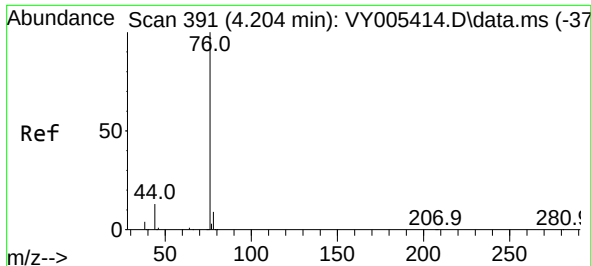
Tgt Ion:168 Resp: 124690
Ion Ratio Lower Upper
168 100
99 53.7 39.8 59.6



#16
Acetone
Concen: 169.768 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005497.D
Acq: 28 Jul 2021 18:15

Tgt Ion: 43 Resp: 51646
Ion Ratio Lower Upper
43 100
58 32.7 24.5 36.7

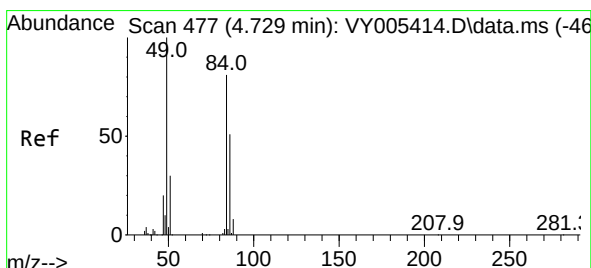
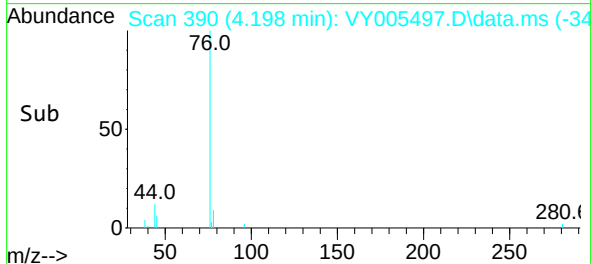
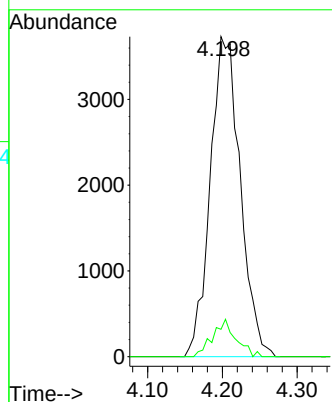
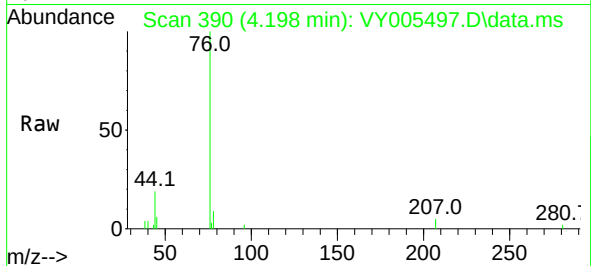




#17
Carbon Disulfide
Concen: 2.633 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY005497.D
Acq: 28 Jul 2021 18:15

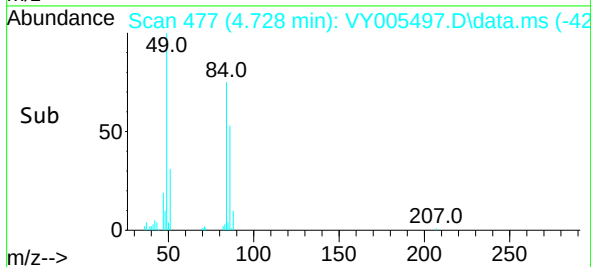
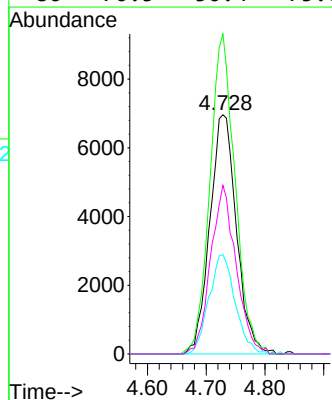
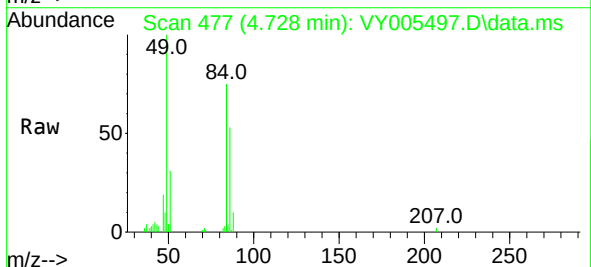
Instrument :
MSVOA_Y
ClientSampleId :
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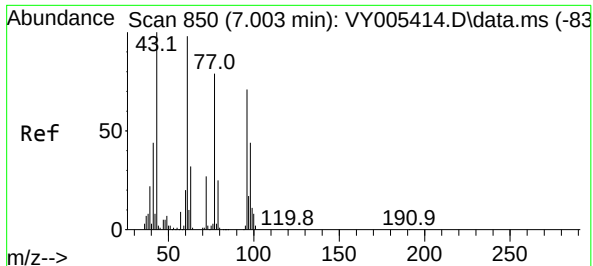
Tgt Ion: 76 Resp: 10380
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#20
Methylene Chloride
Concen: 11.581 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005497.D
Acq: 28 Jul 2021 18:15

Tgt Ion: 84 Resp: 21933
Ion Ratio Lower Upper
84 100
49 133.7 98.9 148.3
51 41.5 30.0 45.0
86 70.5 50.4 75.6





#25

2-Butanone

Concen: 36.060 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY005497.D

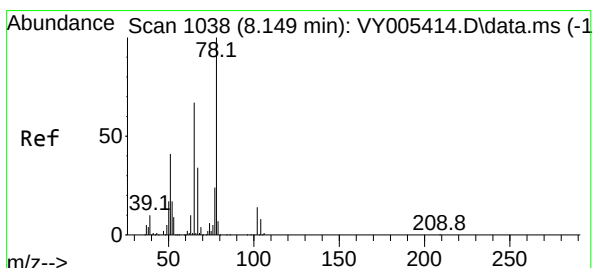
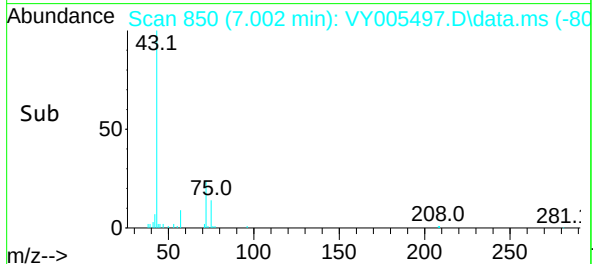
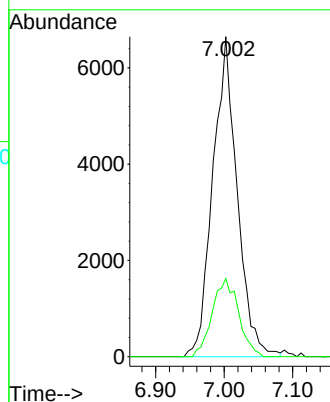
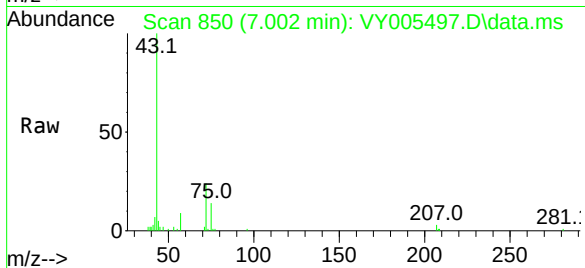
Acq: 28 Jul 2021 18:15

Tgt Ion: 43 Resp: 16428

Ion Ratio Lower Upper

43 100

72 24.4 21.9 32.9



#33

1,2-Dichloroethane-d4

Concen: 47.302 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY005497.D

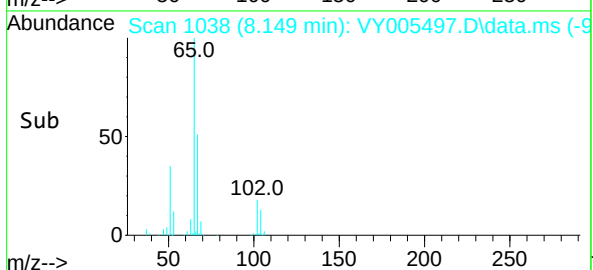
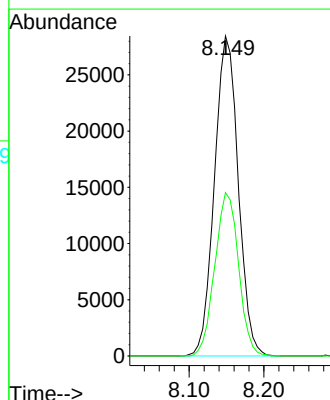
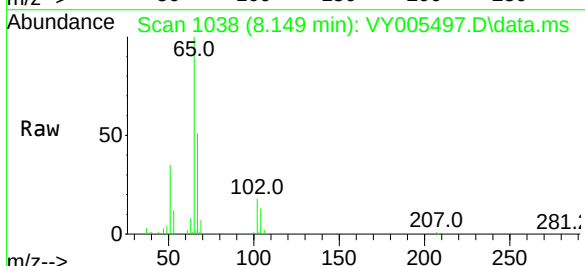
Acq: 28 Jul 2021 18:15

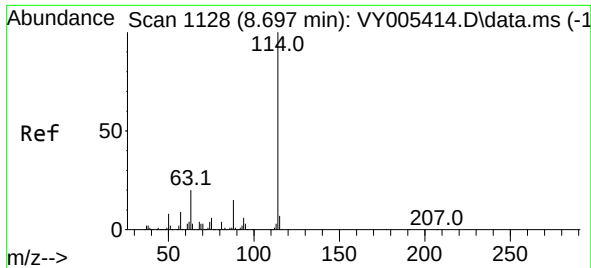
Tgt Ion: 65 Resp: 63012

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.2

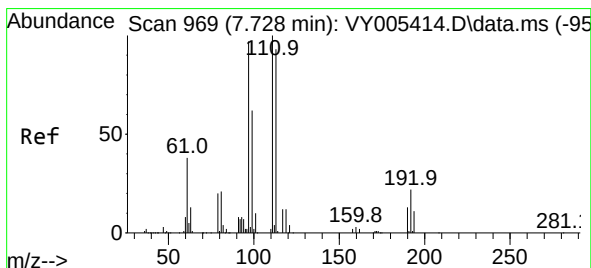
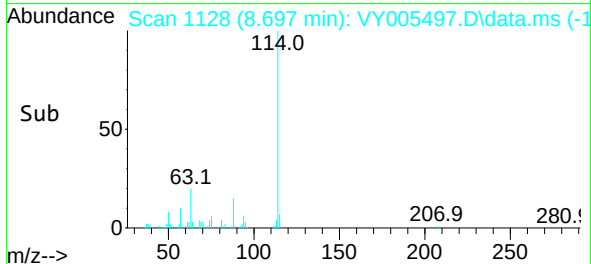
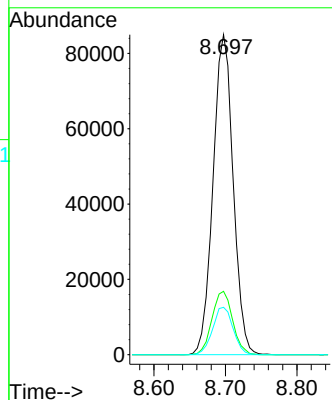
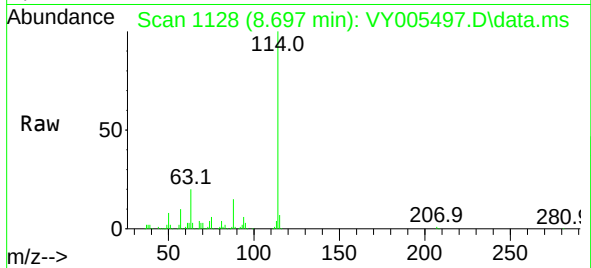




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005497.D
Acq: 28 Jul 2021 18:15

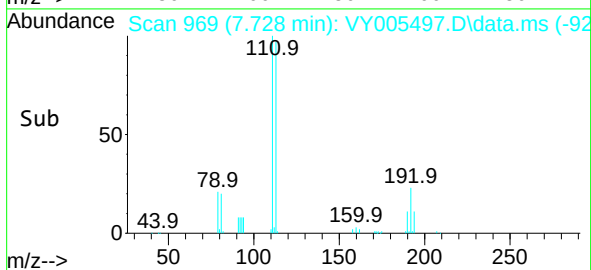
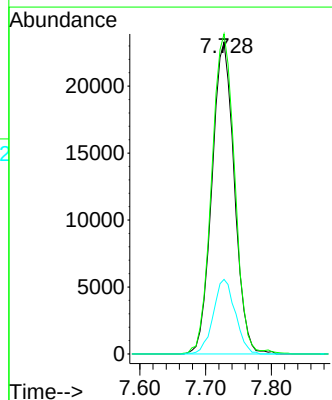
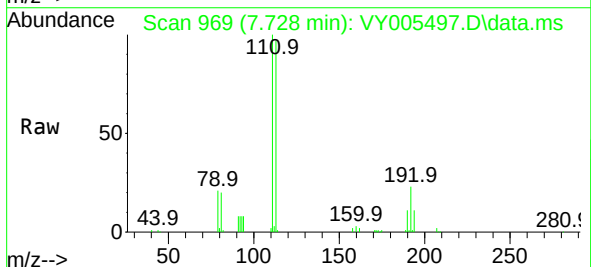
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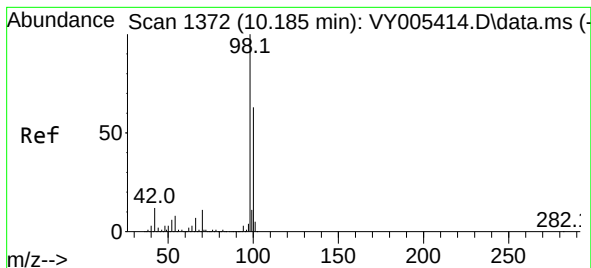
Tgt Ion:114 Resp: 165948
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.0
88 14.8 0.0 30.8



#35
Dibromofluoromethane
Concen: 57.571 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005497.D
Acq: 28 Jul 2021 18:15

Tgt Ion:113 Resp: 55164
Ion Ratio Lower Upper
113 100
111 105.6 82.6 124.0
192 23.5 18.9 28.3

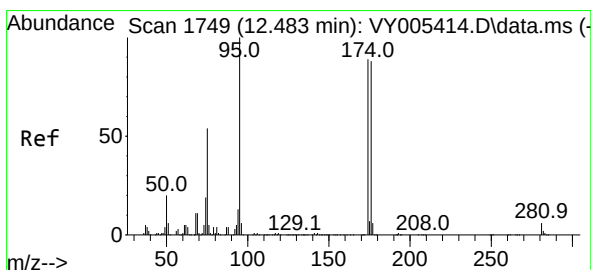
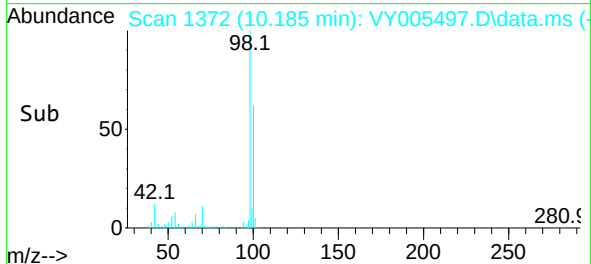
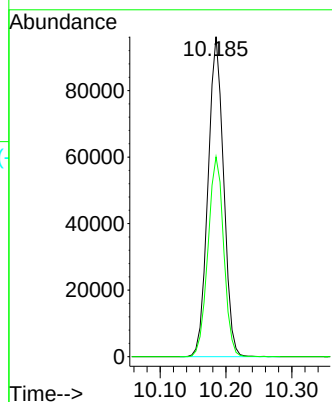
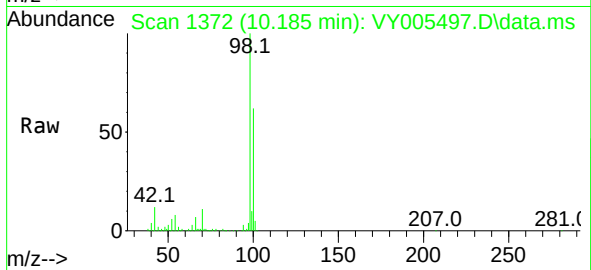




#50
Toluene-d8
Concen: 39.041 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005497.D
Acq: 28 Jul 2021 18:15

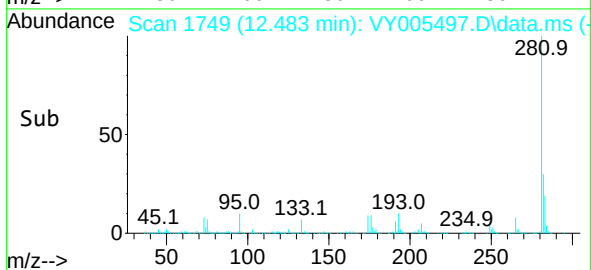
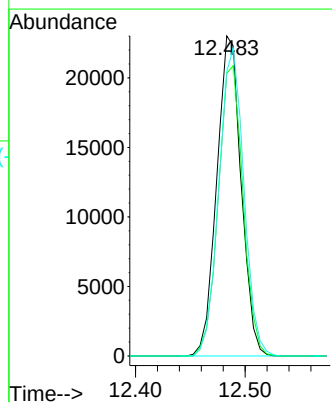
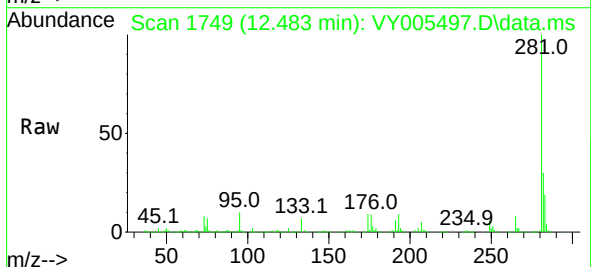
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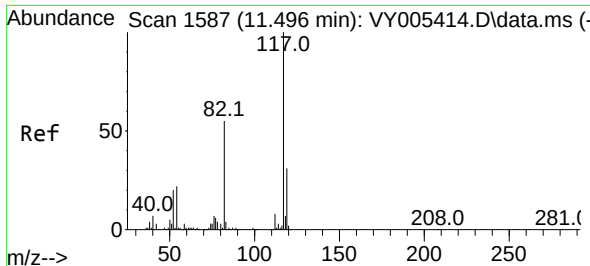
Tgt Ion: 98 Resp: 158555
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 26.525 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005497.D
Acq: 28 Jul 2021 18:15

Tgt Ion: 95 Resp: 35554
Ion Ratio Lower Upper
95 100
174 92.0 0.0 186.6
176 98.0 0.0 182.4

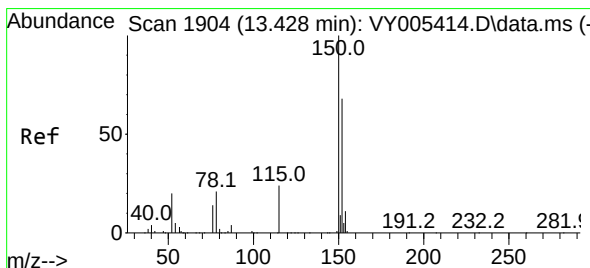
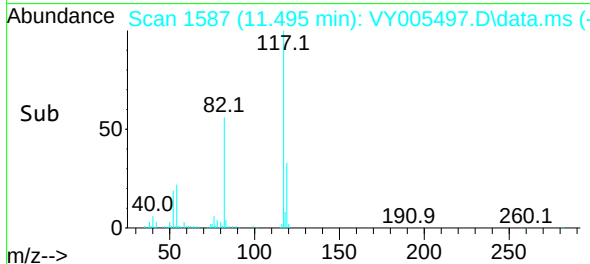
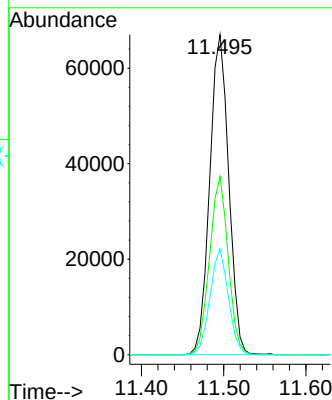
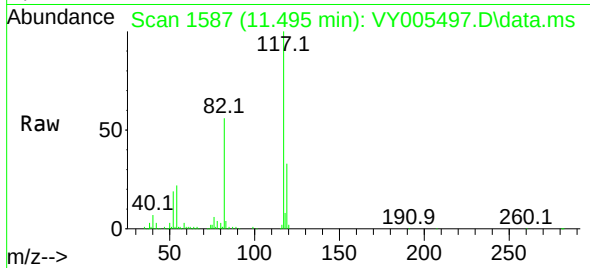




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005497.D
Acq: 28 Jul 2021 18:15

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 107502
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.6
119 33.1 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: VY005497.D
Acq: 28 Jul 2021 18:15

Tgt Ion:152 Resp: 28898
Ion Ratio Lower Upper
152 100
115 53.7 27.7 83.1
150 157.5 0.0 349.6

