

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005423.D
 Acq On : 23 Jul 2021 18:13
 Operator : SY/MD
 Sample : M3137-03
 Misc : 9.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210722-8

Quant Time: Jul 24 03:01:51 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)

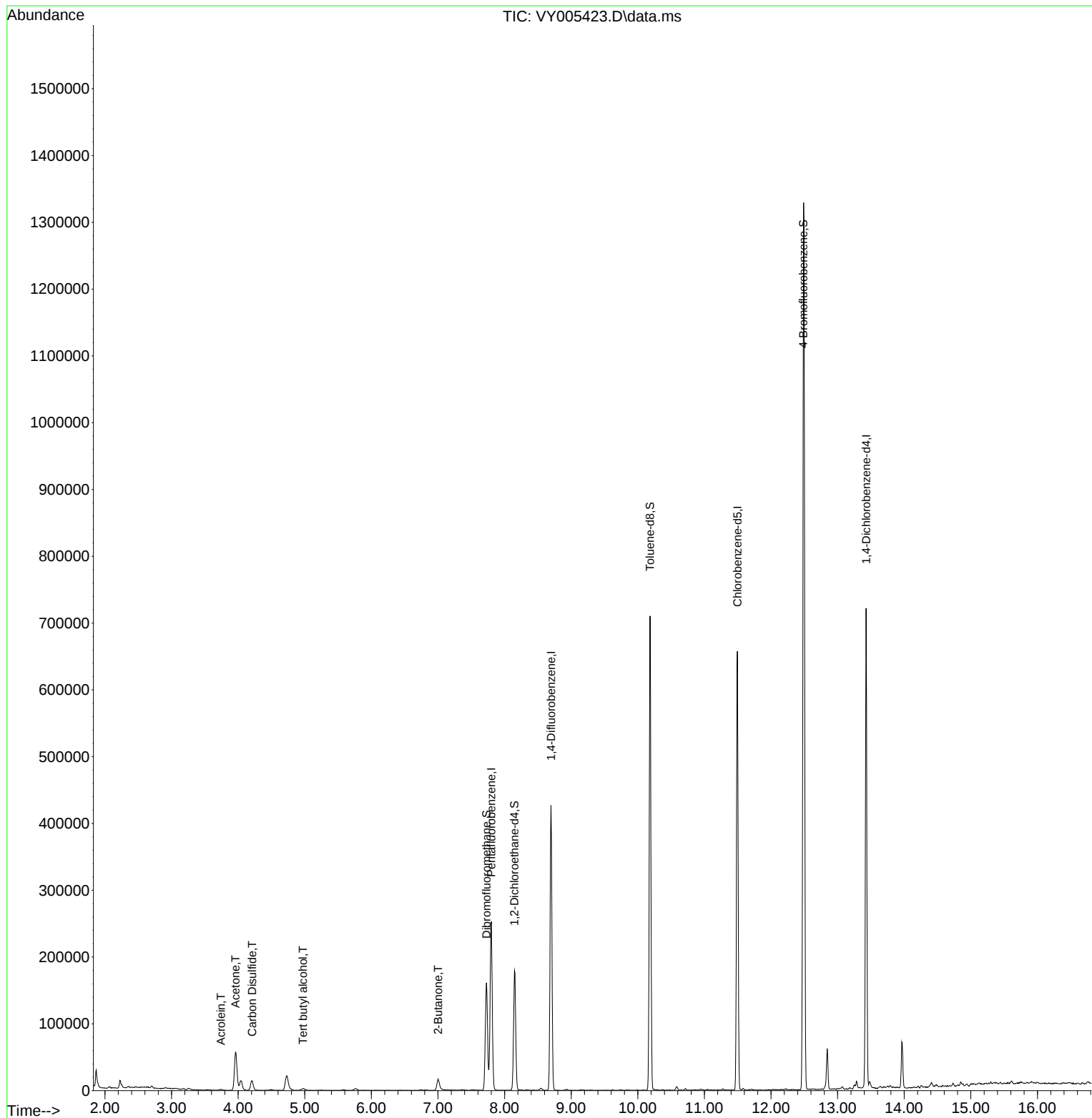
Internal Standards						
1) Pentafluorobenzene	7.801	168	206264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	352690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	355033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	145578	66.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.120%
35) Dibromofluoromethane	7.728	113	109888	53.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.920%
50) Toluene-d8	10.185	98	452901	52.472	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.940%
62) 4-Bromofluorobenzene	12.483	95	162905	57.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	5387	25.878	ug/l #	95
13) Acrolein	3.741	56	1538	8.068	ug/l #	62
16) Acetone	3.960	43	100832	200.367	ug/l	99
17) Carbon Disulfide	4.210	76	28655	4.394	ug/l	97
25) 2-Butanone	7.002	43	23613	31.333	ug/l	100

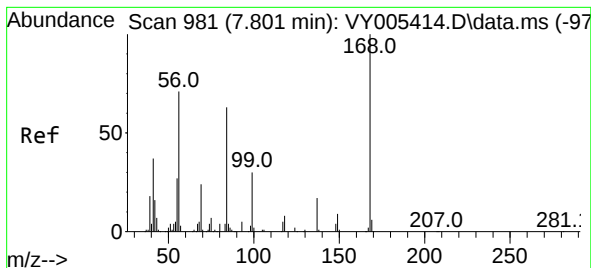
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY005423.D

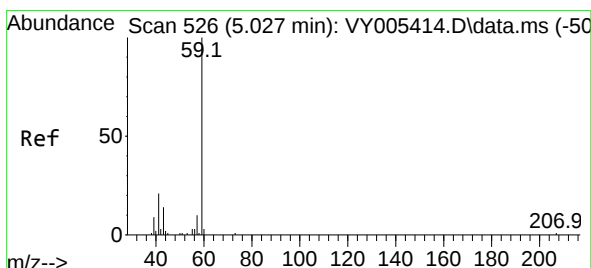
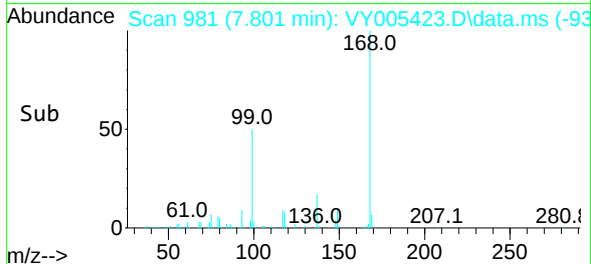
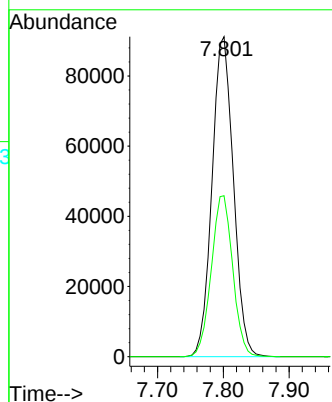
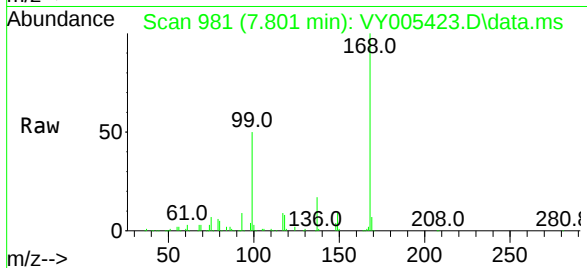
Acq: 23 Jul 2021 18:13

Tgt Ion:168 Resp: 206264

Ion Ratio Lower Upper

168 100

99 50.3 39.8 59.6



#11

Tert butyl alcohol

Concen: 25.878 ug/l

RT: 4.972 min Scan# 517

Delta R.T. -0.055 min

Lab File: VY005423.D

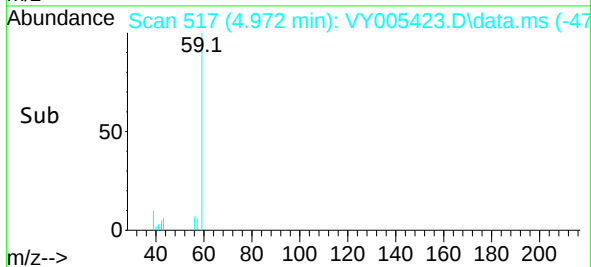
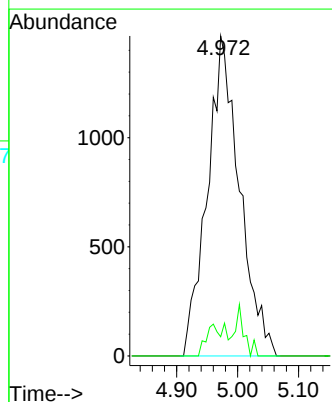
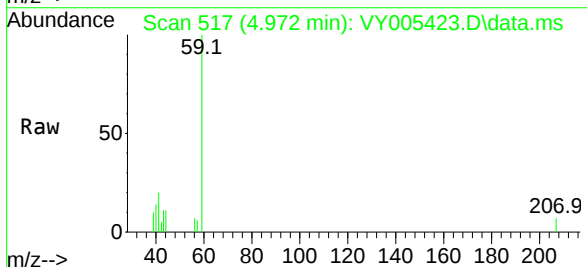
Acq: 23 Jul 2021 18:13

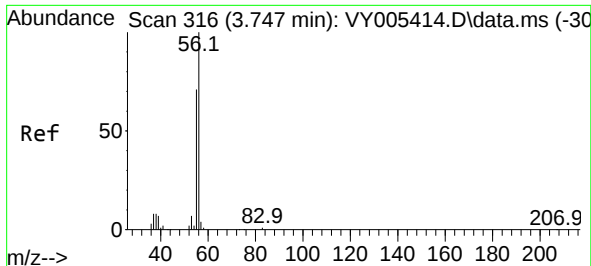
Tgt Ion: 59 Resp: 5387

Ion Ratio Lower Upper

59 100

57 4.1 4.7 7.1#

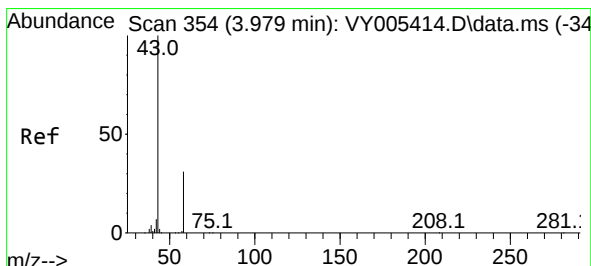
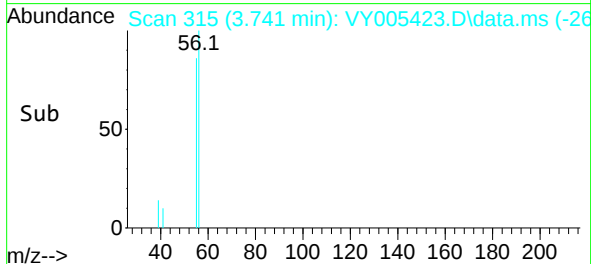
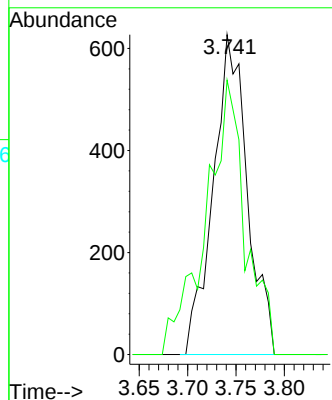
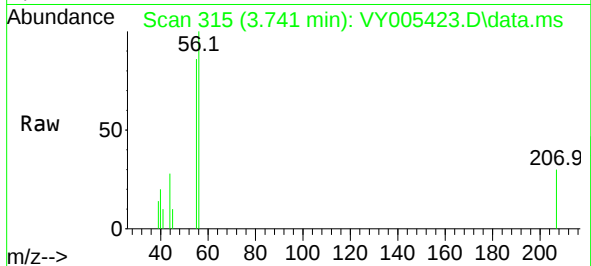




#13
Acrolein
Concen: 8.068 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005423.D
Acq: 23 Jul 2021 18:13

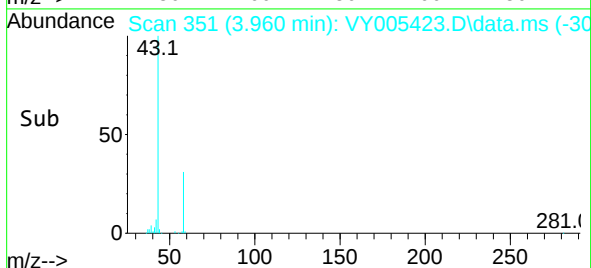
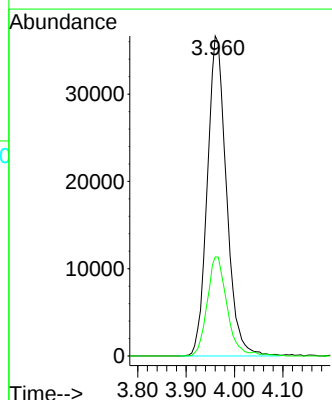
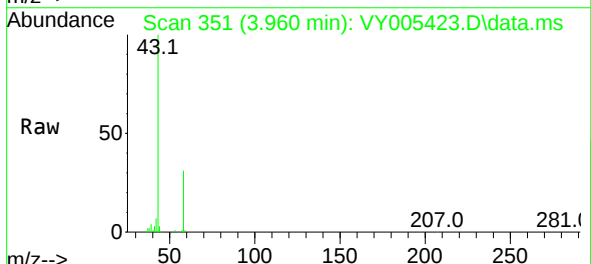
Instrument :
MSVOA_Y
ClientSampleId :
20210722-8

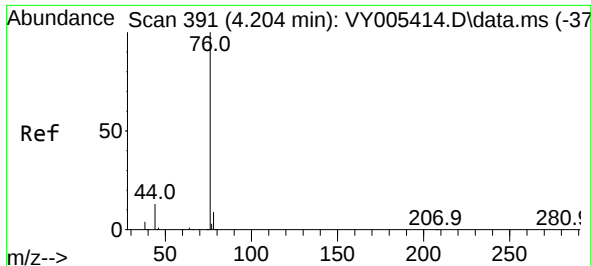
Tgt Ion: 56 Resp: 1538
Ion Ratio Lower Upper
56 100
55 99.6 55.2 82.8#



#16
Acetone
Concen: 200.367 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005423.D
Acq: 23 Jul 2021 18:13

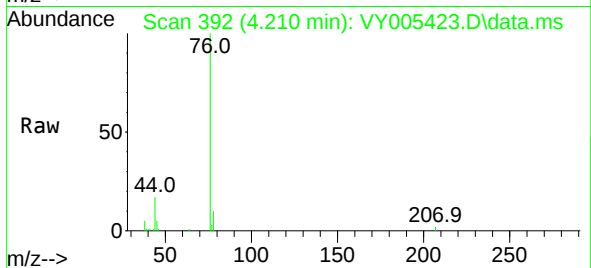
Tgt Ion: 43 Resp: 100832
Ion Ratio Lower Upper
43 100
58 30.9 24.5 36.7



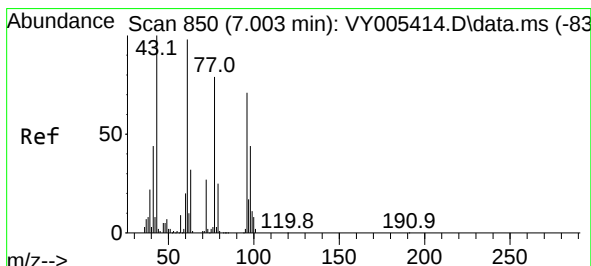
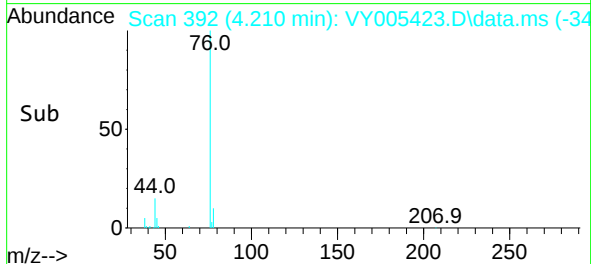
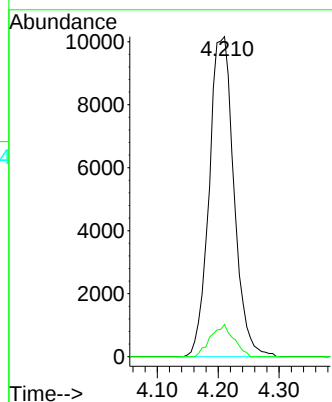


#17
Carbon Disulfide
Concen: 4.394 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY005423.D
Acq: 23 Jul 2021 18:13

Instrument :
MSVOA_Y
ClientSampleId :
20210722-8

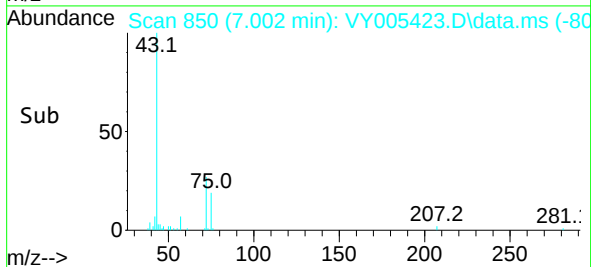
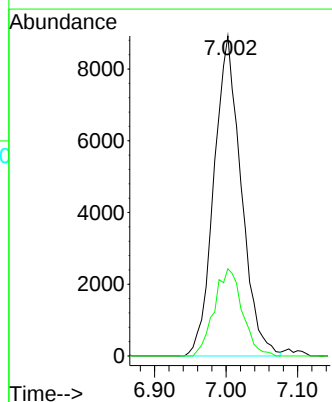
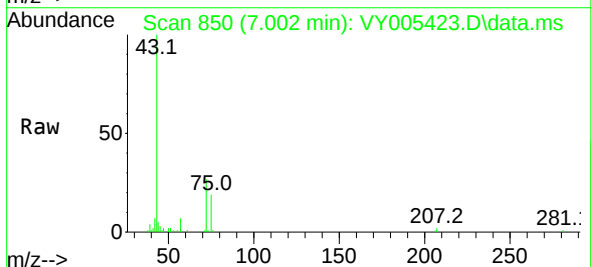


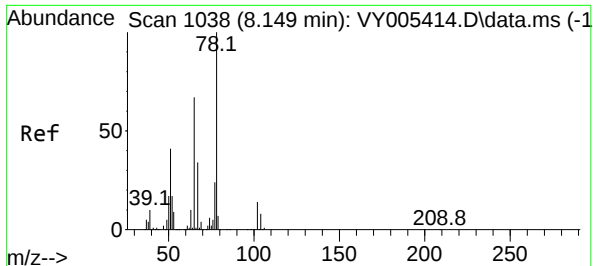
Tgt Ion: 76 Resp: 28655
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#25
2-Butanone
Concen: 31.333 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005423.D
Acq: 23 Jul 2021 18:13

Tgt Ion: 43 Resp: 23613
Ion Ratio Lower Upper
43 100
72 27.3 21.9 32.9

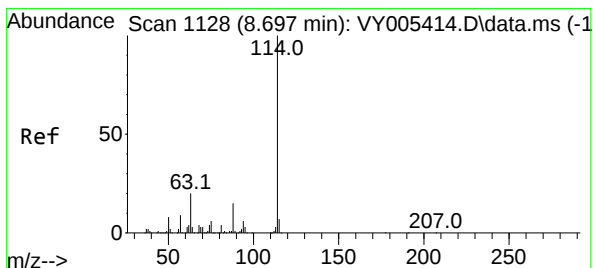
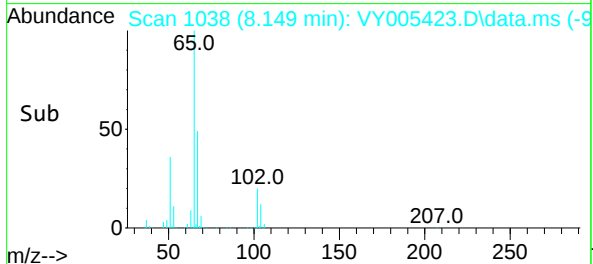
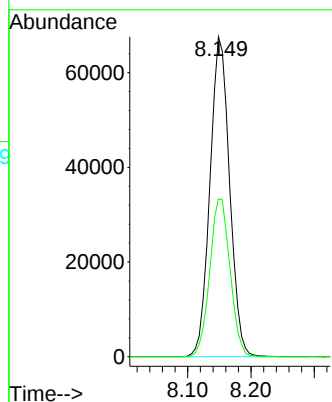
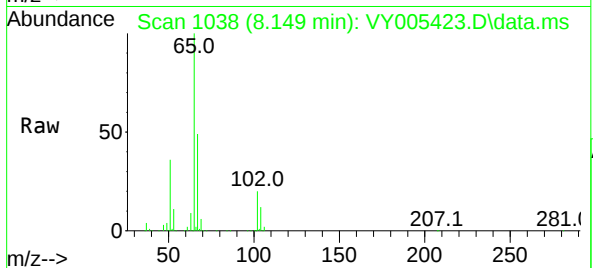




#33
1,2-Dichloroethane-d4
Concen: 66.064 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005423.D
Acq: 23 Jul 2021 18:13

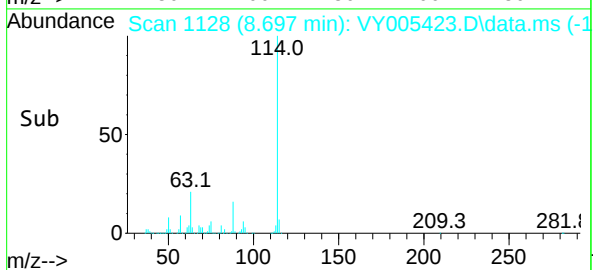
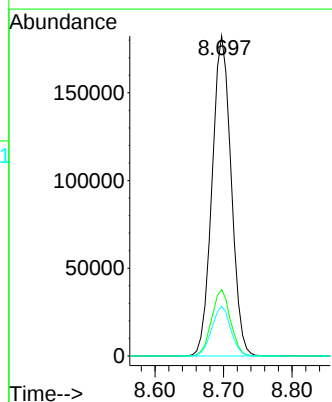
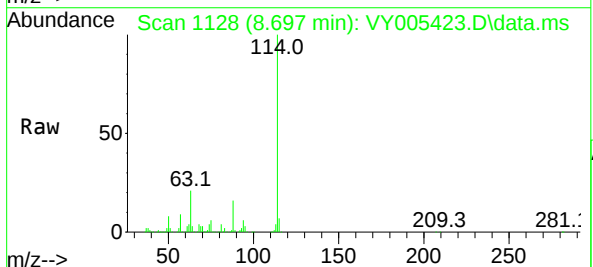
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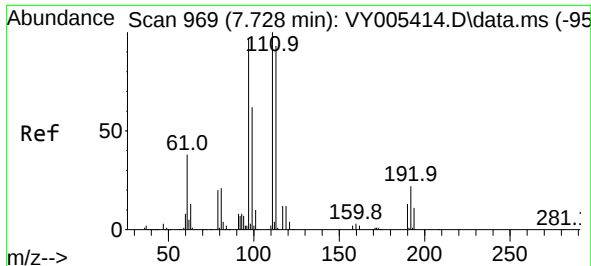
Tgt Ion: 65 Resp: 145578
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005423.D
Acq: 23 Jul 2021 18:13

Tgt Ion:114 Resp: 352690
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.0
88 15.5 0.0 30.8

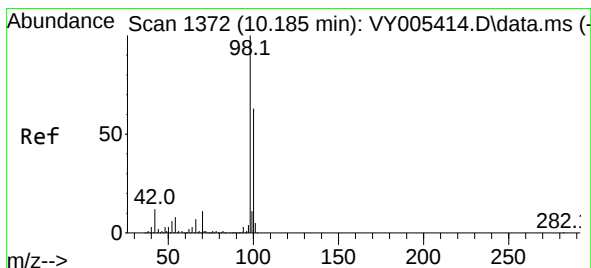
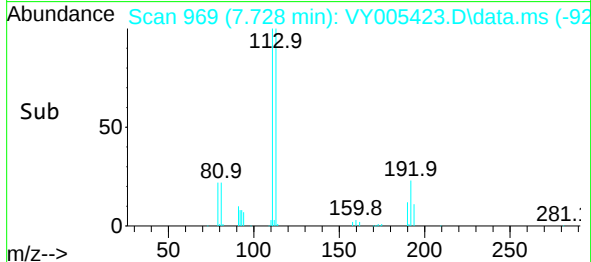
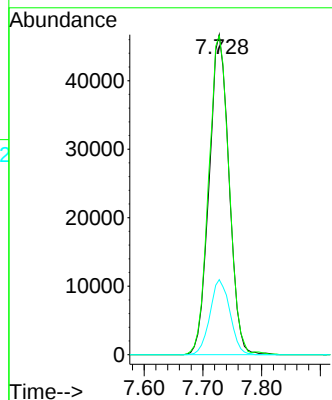
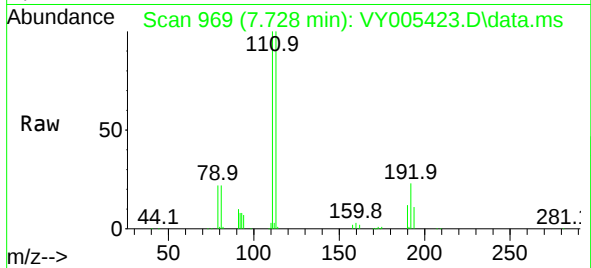




#35
Dibromofluoromethane
Concen: 53.960 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005423.D
Acq: 23 Jul 2021 18:13

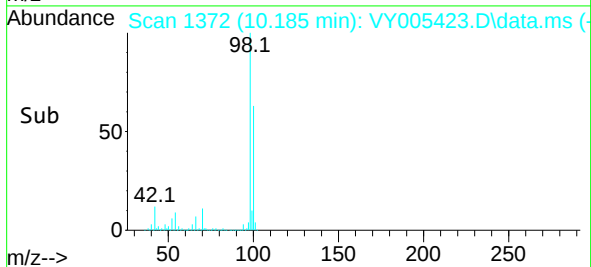
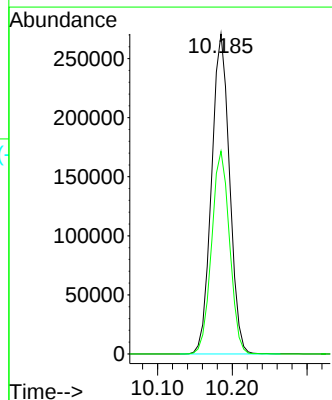
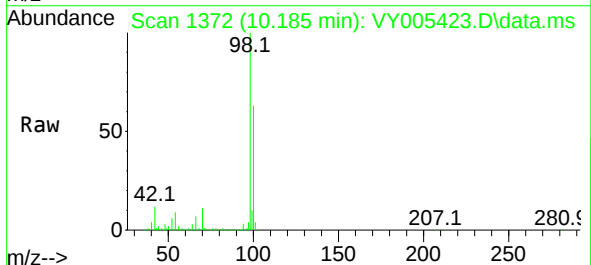
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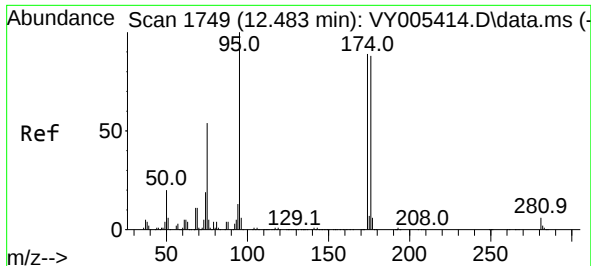
Tgt Ion:113 Resp: 109888
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 23.5 18.9 28.3



#50
Toluene-d8
Concen: 52.472 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005423.D
Acq: 23 Jul 2021 18:13

Tgt Ion: 98 Resp: 452901
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

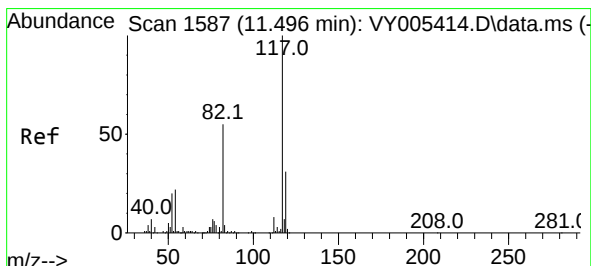
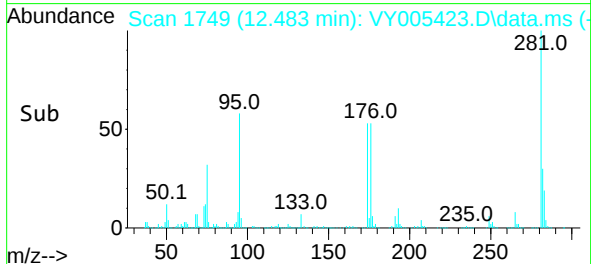
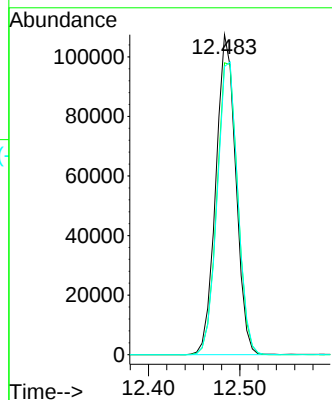
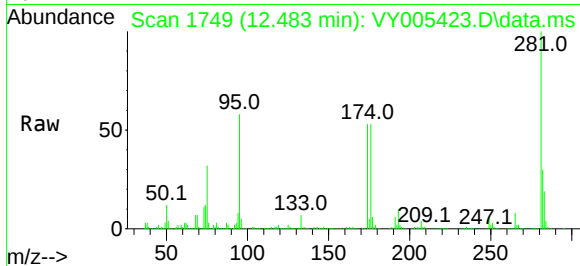




#62
4-Bromofluorobenzene
Concen: 57.185 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005423.D
Acq: 23 Jul 2021 18:13

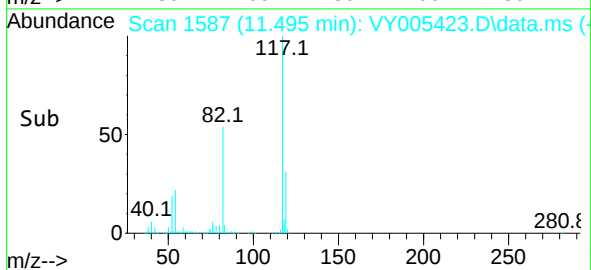
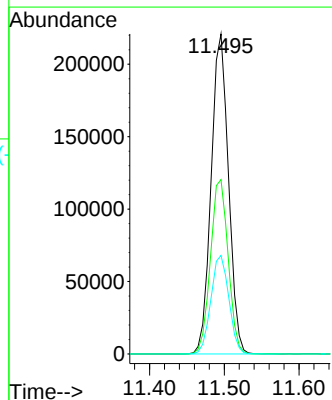
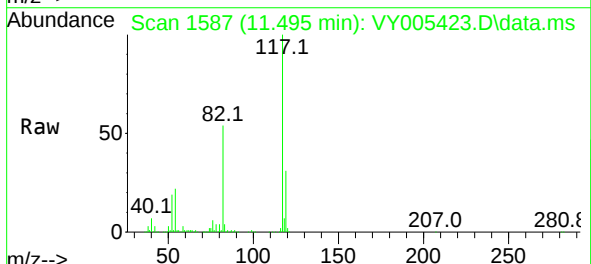
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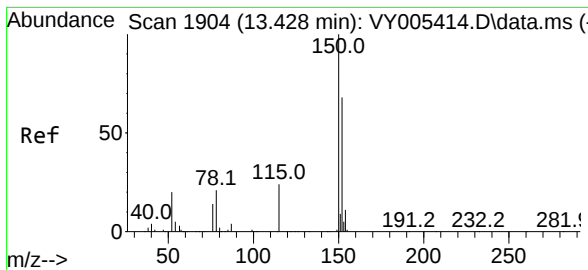
Tgt Ion: 95 Resp: 162905
Ion Ratio Lower Upper
95 100
174 94.7 0.0 186.6
176 94.3 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005423.D
Acq: 23 Jul 2021 18:13

Tgt Ion: 117 Resp: 355033
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.6
119 30.8 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: VY005423.D
 Acq: 23 Jul 2021 18:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210722-8

Tgt Ion:152 Resp: 178822
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.7 83.1
 150 155.9 0.0 349.6

