

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005434.D
 Acq On : 23 Jul 2021 22:28
 Operator : SY/MD
 Sample : M3159-07
 Misc : 3.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210442-28

Quant Time: Jul 24 03:05:02 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)

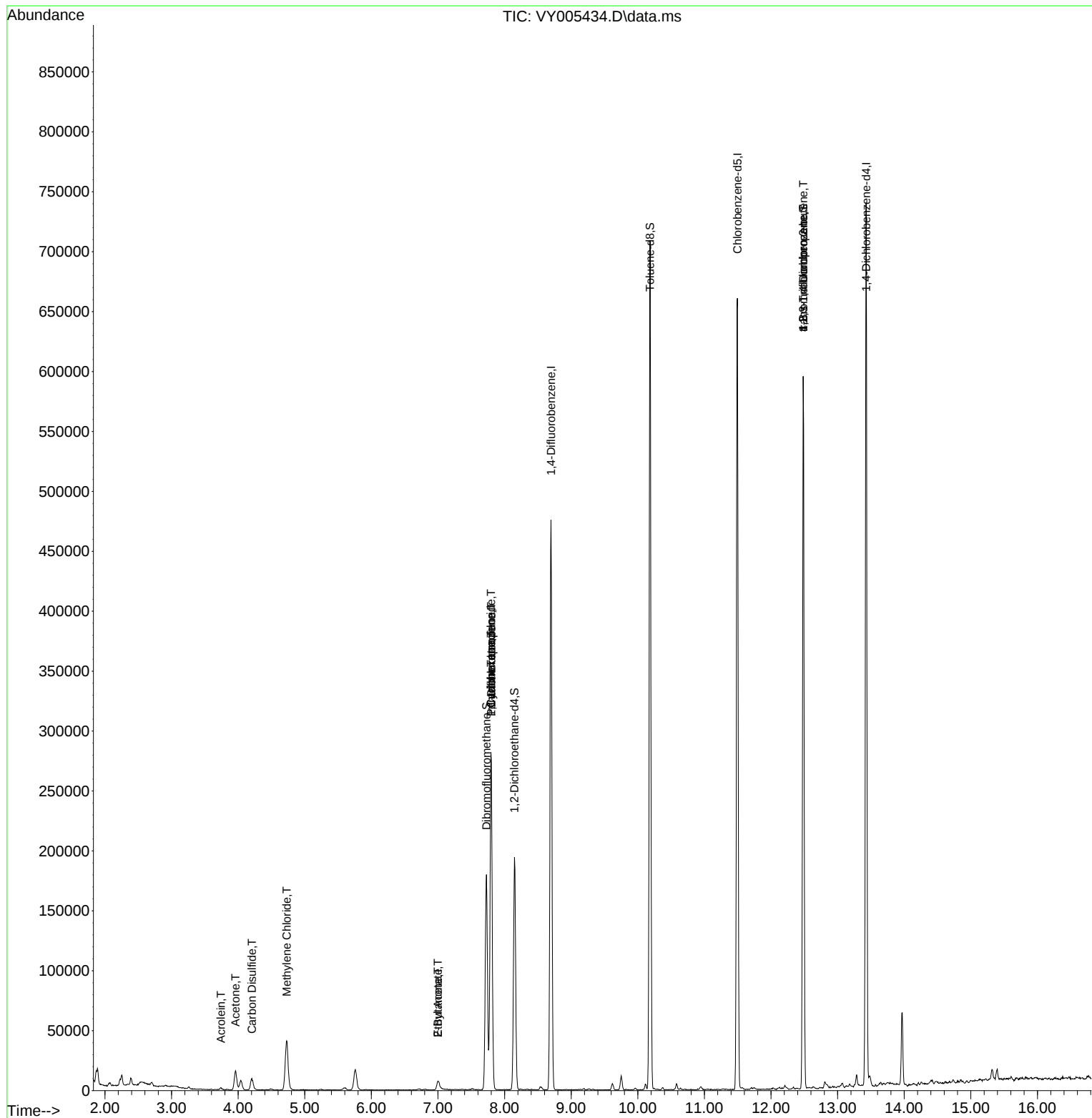
Internal Standards						
1) Pentafluorobenzene	7.801	168	226471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	402090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	363417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	157443	65.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.140%	
35) Dibromofluoromethane	7.728	113	124077	53.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.880%	
50) Toluene-d8	10.185	98	453083	46.044	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.080%	
62) 4-Bromofluorobenzene	12.483	95	165490	50.956	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.920%	
Target Compounds						
						Qvalue
13) Acrolein	3.741	56	1928	9.212	ug/l	88
16) Acetone	3.960	43	27179	49.190	ug/l	93
17) Carbon Disulfide	4.204	76	17502	2.444	ug/l	98
20) Methylene Chloride	4.728	84	31298	8.818	ug/l	98
25) 2-Butanone	6.996	43	11166	13.495	ug/l	94
31) Cyclohexane	7.795	56	4687	1.135	ug/l #	17
36) 1,1-Dichloropropene	7.801	75	16584	4.266	ug/l #	50
37) Ethyl Acetate	6.996	43	11166	4.718	ug/l #	70
38) Carbon Tetrachloride	7.795	117	21047	4.954	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	91969	49.528	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91969	96.169	ug/l #	11

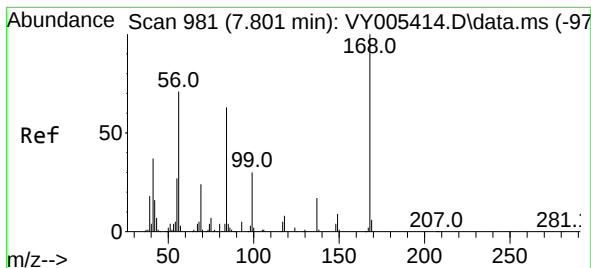
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY005434.D

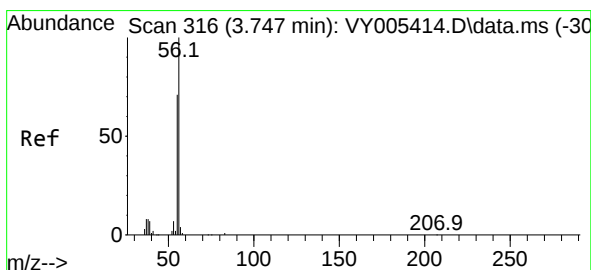
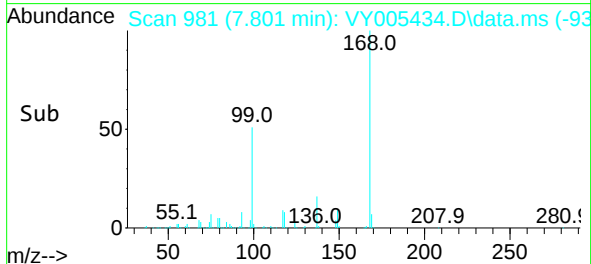
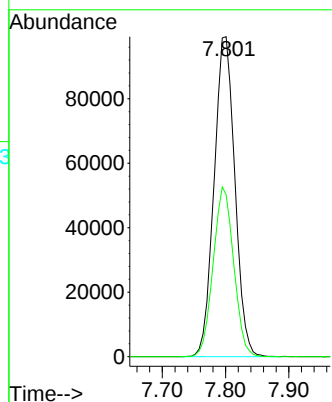
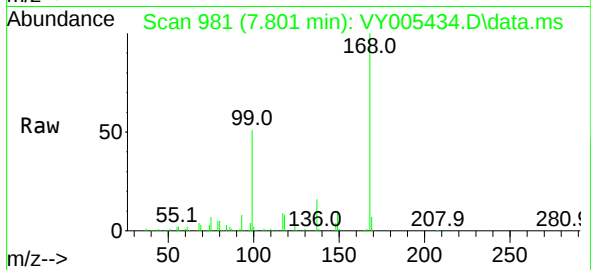
Acq: 23 Jul 2021 22:28

Tgt Ion:168 Resp: 226471

Ion Ratio Lower Upper

168 100

99 50.6 39.8 59.6



#13

Acrolein

Concen: 9.212 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY005434.D

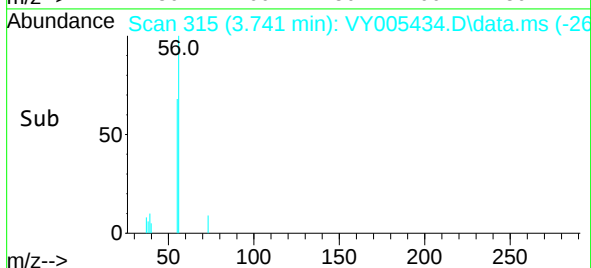
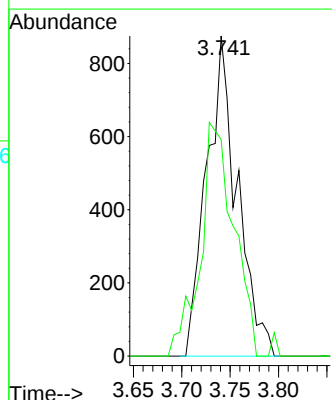
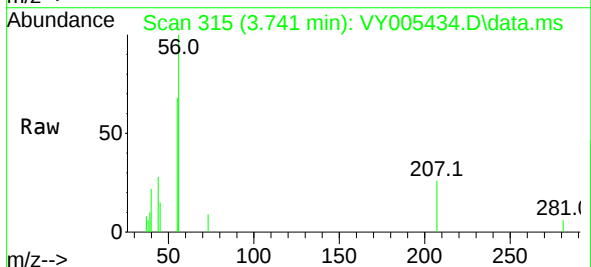
Acq: 23 Jul 2021 22:28

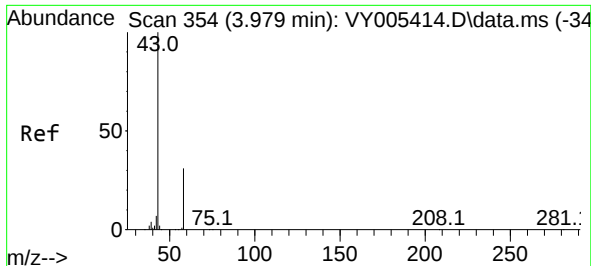
Tgt Ion: 56 Resp: 1928

Ion Ratio Lower Upper

56 100

55 79.1 55.2 82.8

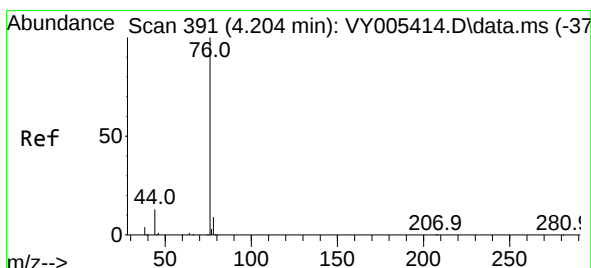
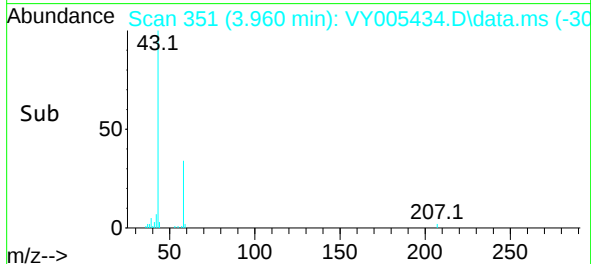
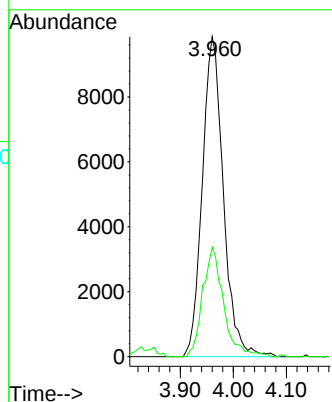
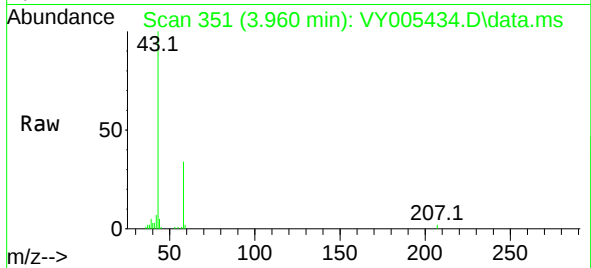




#16
Acetone
Concen: 49.190 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

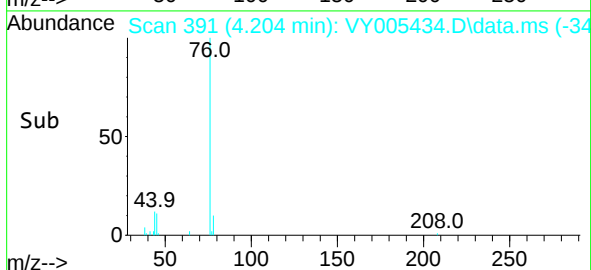
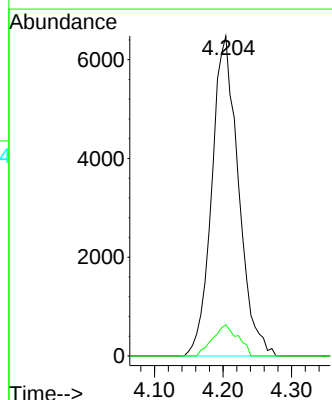
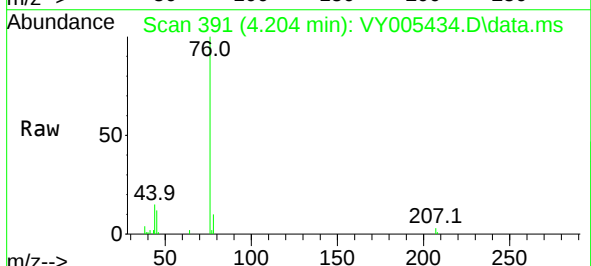
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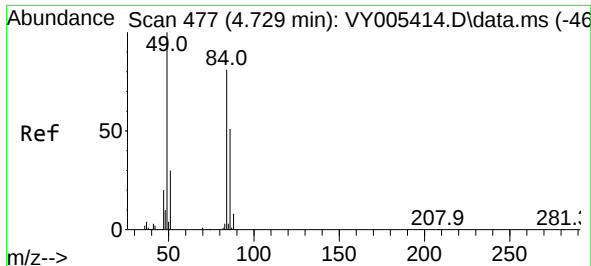
Tgt Ion: 43 Resp: 27179
Ion Ratio Lower Upper
43 100
58 34.2 24.5 36.7



#17
Carbon Disulfide
Concen: 2.444 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion: 76 Resp: 17502
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9





#20

Methylene Chloride

Concen: 8.818 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY005434.D

Acq: 23 Jul 2021 22:28

Instrument :

MSVOA_Y

ClientSampleId :

20210442-28

Tgt Ion: 84 Resp: 31298

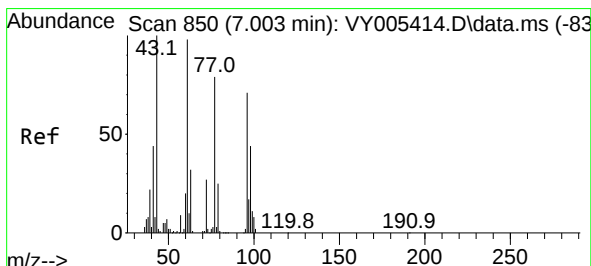
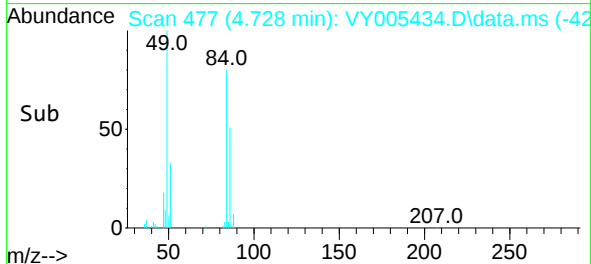
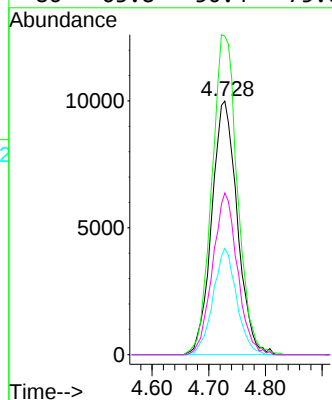
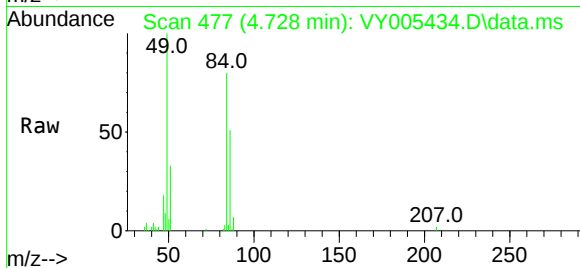
Ion Ratio Lower Upper

84 100

49 125.6 98.9 148.3

51 41.9 30.0 45.0

86 63.8 50.4 75.6



#25

2-Butanone

Concen: 13.495 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY005434.D

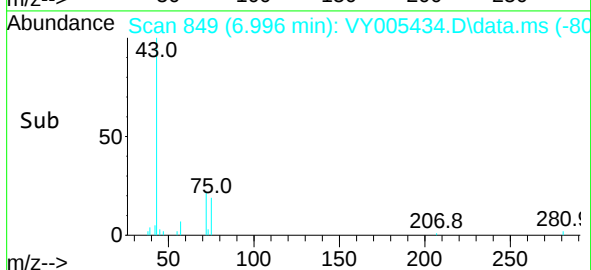
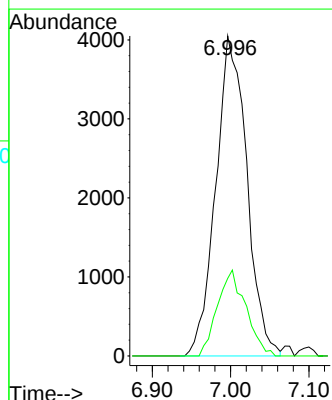
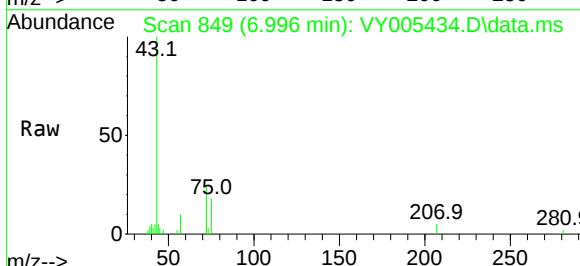
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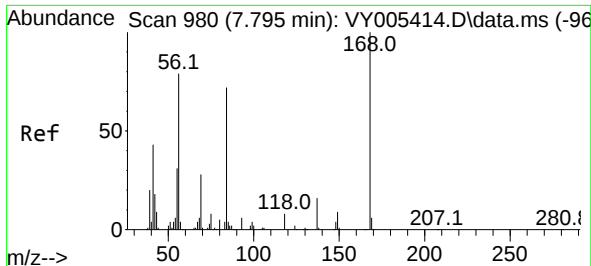
Tgt Ion: 43 Resp: 11166

Ion Ratio Lower Upper

43 100

72 24.2 21.9 32.9

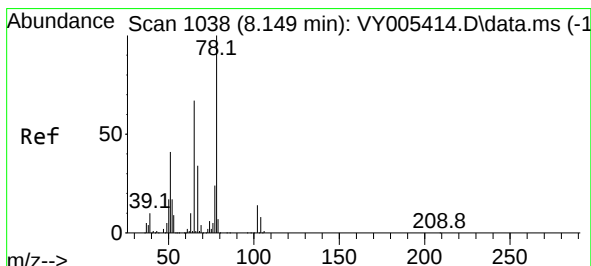
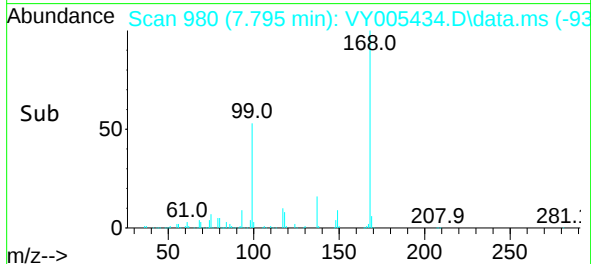
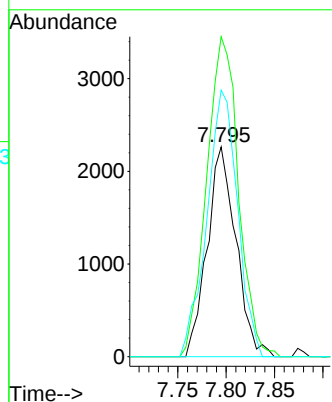
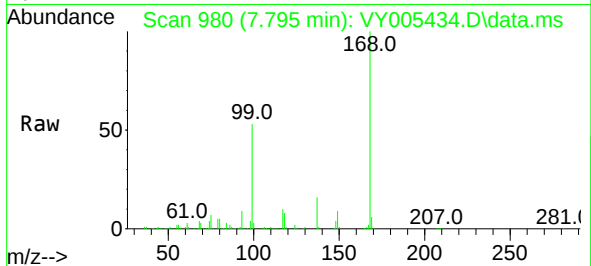




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

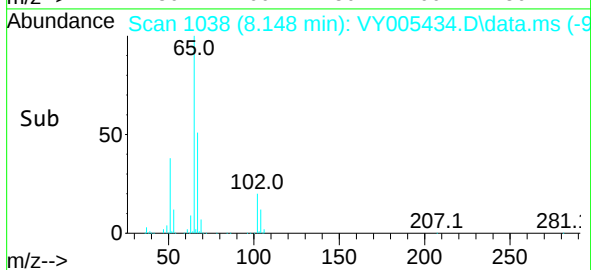
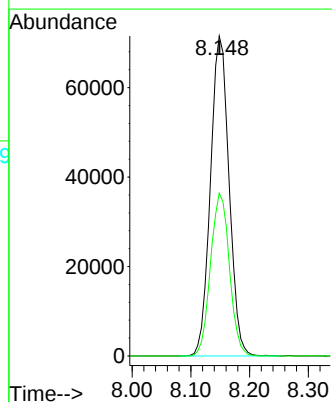
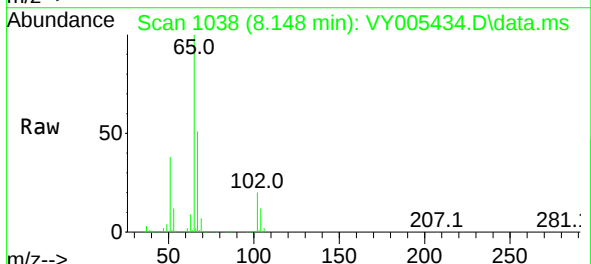
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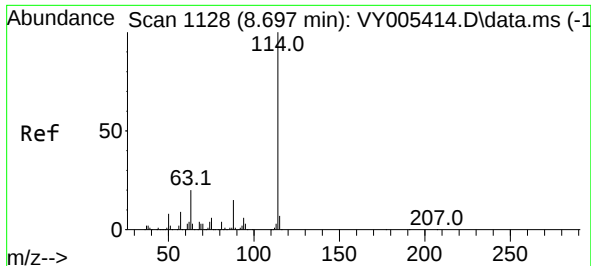
Tgt Ion: 56 Resp: 4687
Ion Ratio Lower Upper
56 100
69 152.6 28.7 43.1#
84 127.1 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 65.073 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion: 65 Resp: 157443
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2

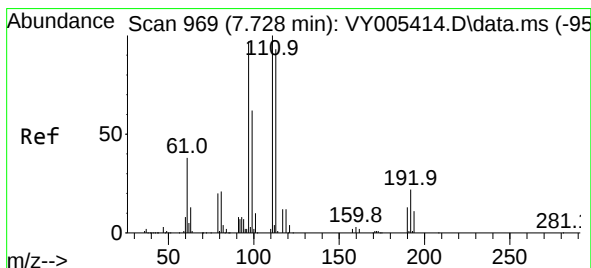
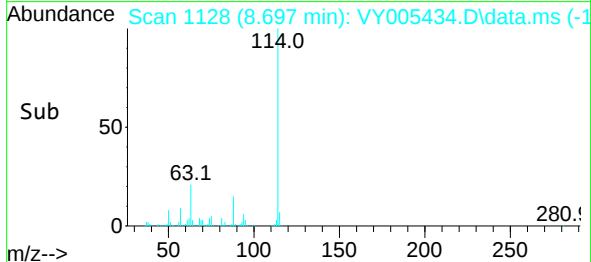
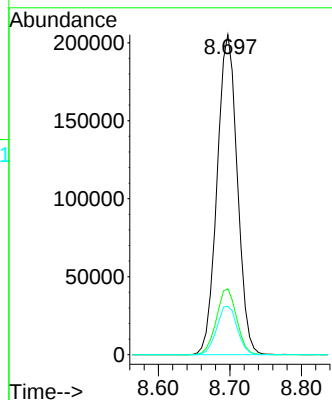
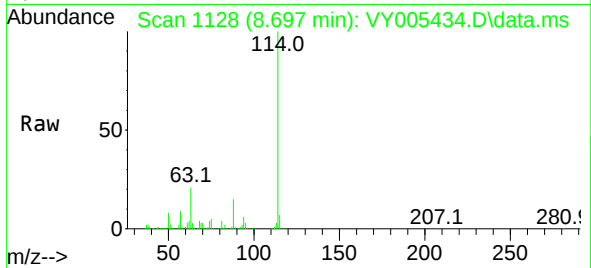




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

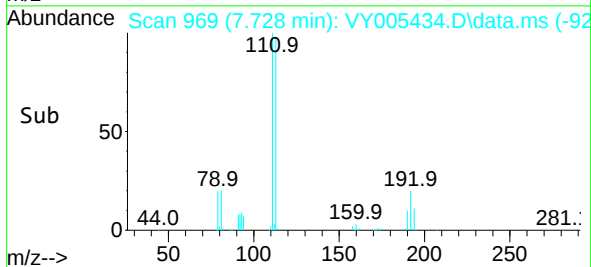
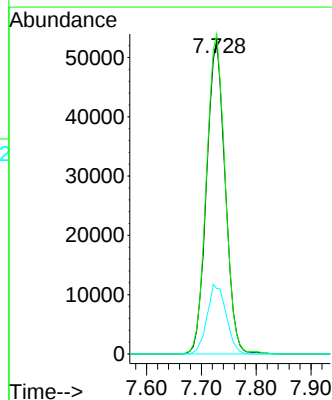
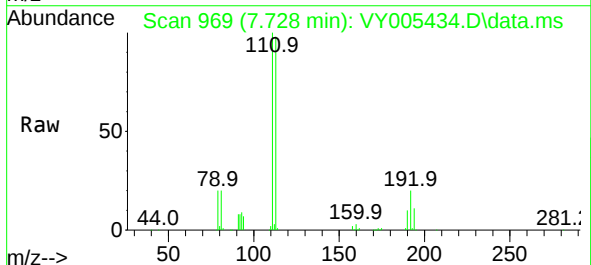
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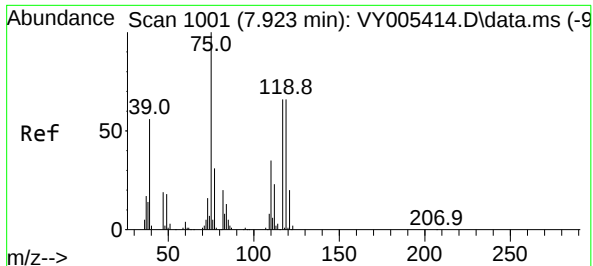
Tgt Ion:114 Resp: 402090
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.0
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.442 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion:113 Resp: 124077
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 22.7 18.9 28.3

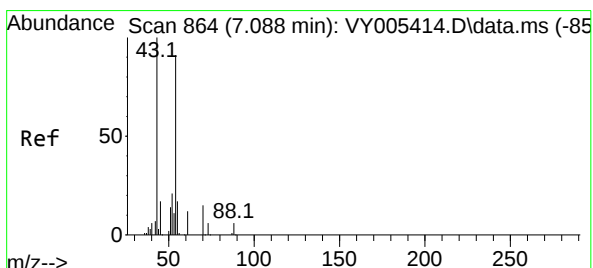
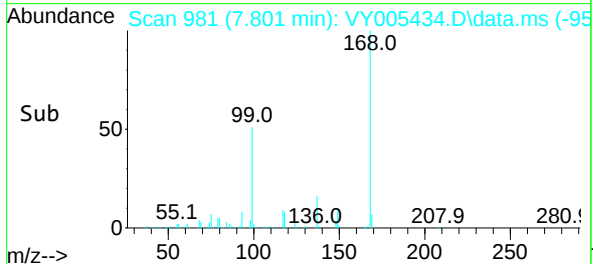
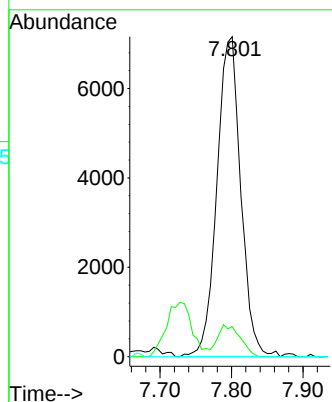
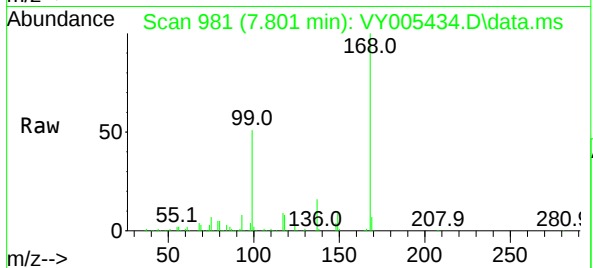




#36
1,1-Dichloropropene
Concen: 4.266 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

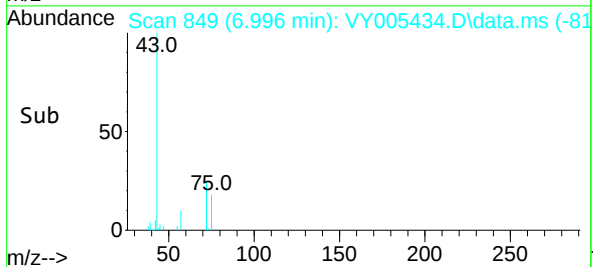
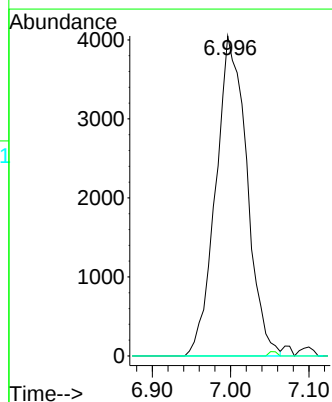
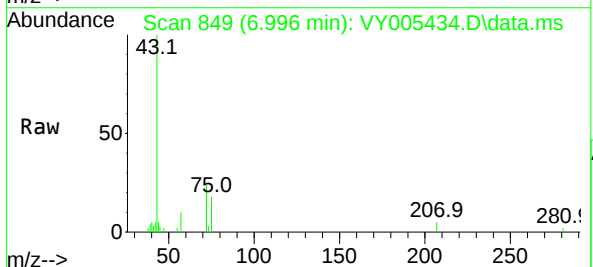
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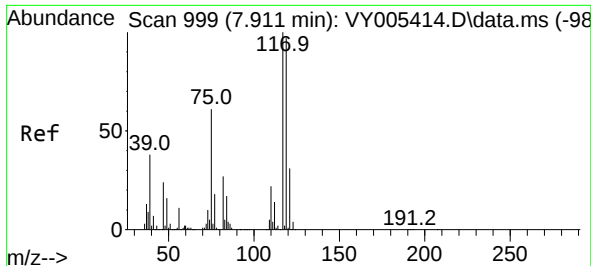
Tgt Ion: 75 Resp: 16584
Ion Ratio Lower Upper
75 100
110 9.3 17.6 52.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 4.718 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.092 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion: 43 Resp: 11166
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 7.9 11.9#

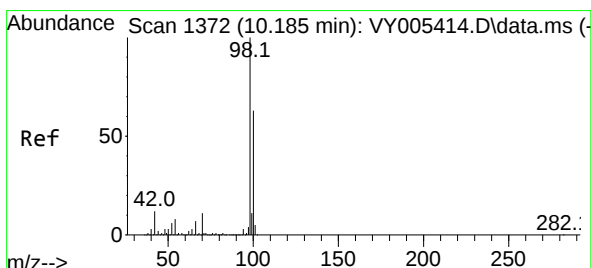
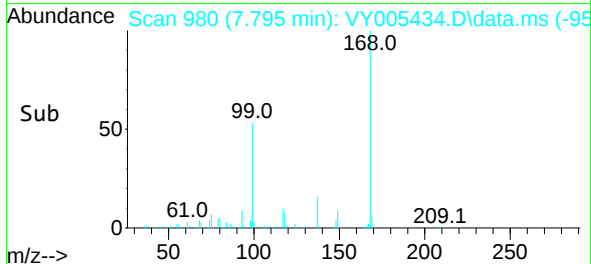
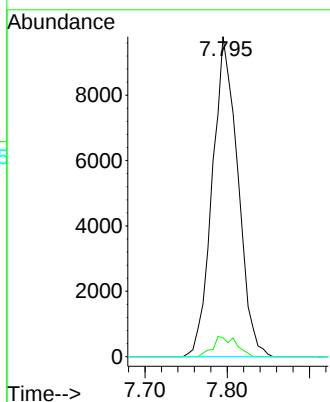
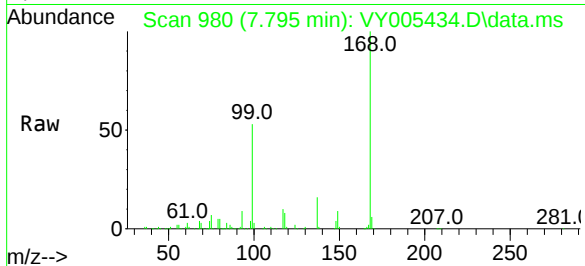




#38
Carbon Tetrachloride
Concen: 4.954 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

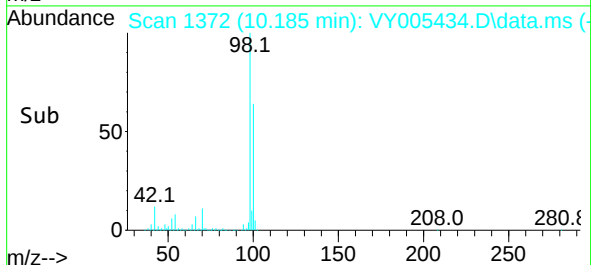
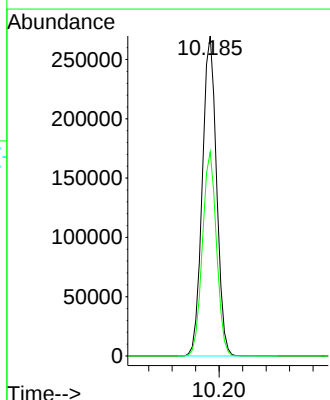
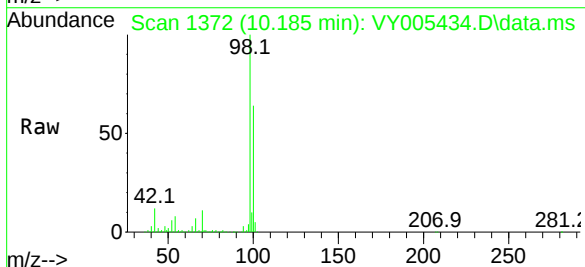
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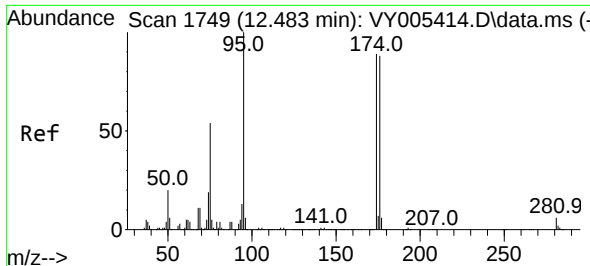
Tgt Ion:117 Resp: 21047
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 46.044 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion: 98 Resp: 453083
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

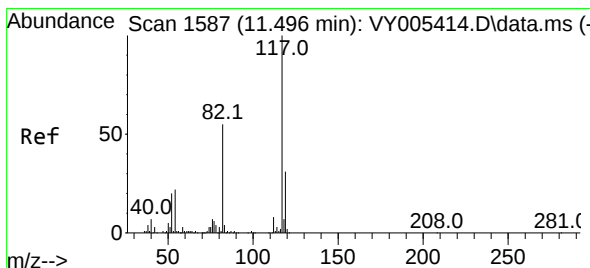
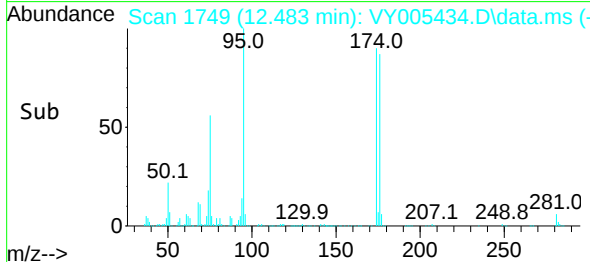
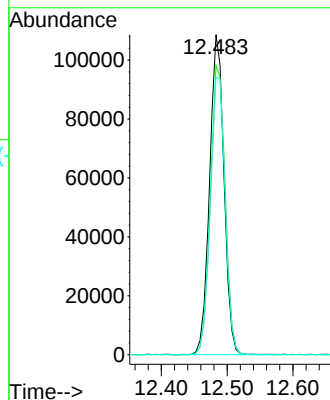
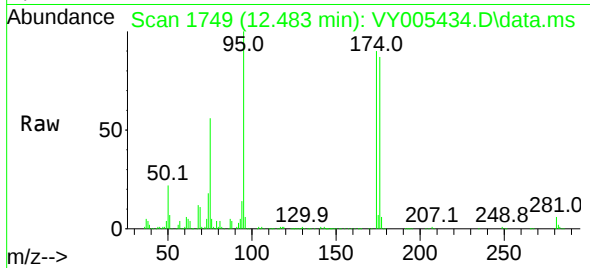




#62
4-Bromofluorobenzene
Concen: 50.956 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

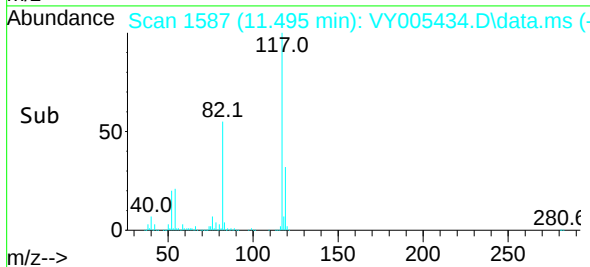
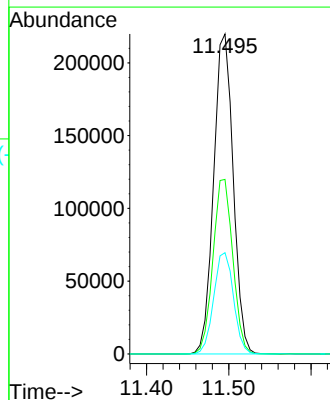
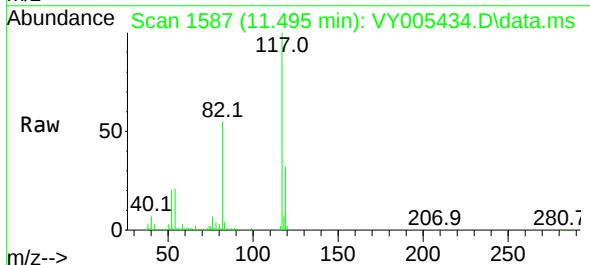
Instrument :
MSVOA_Y
ClientSampleId :
20210442-28

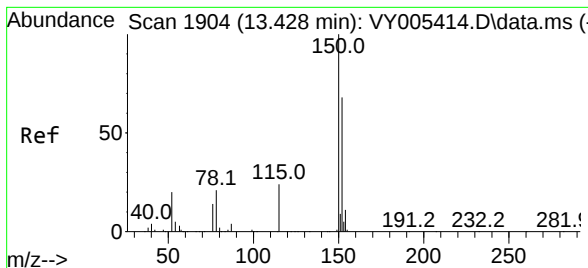
Tgt Ion:	95	Resp:	165490
Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	186.6
176	89.5	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion:	117	Resp:	363417
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.6
119	31.6	24.8	37.2

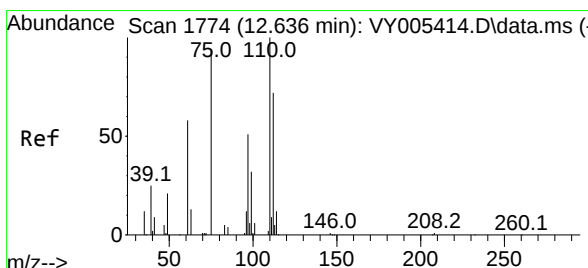
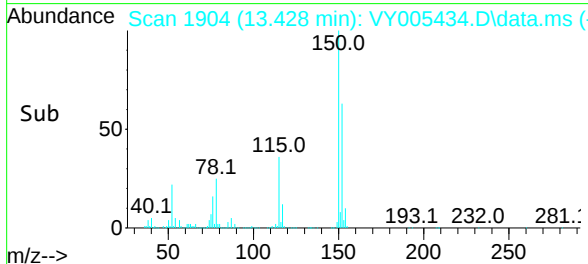
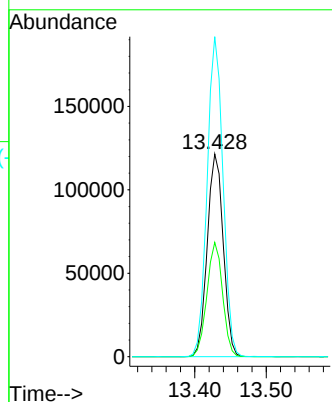
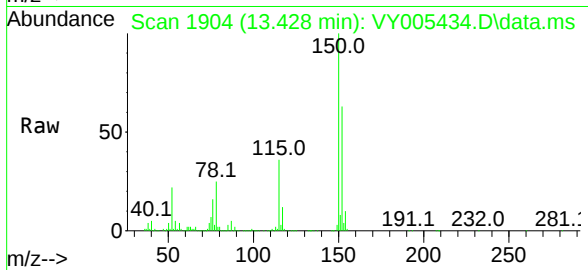




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005434.D
 Acq: 23 Jul 2021 22:28

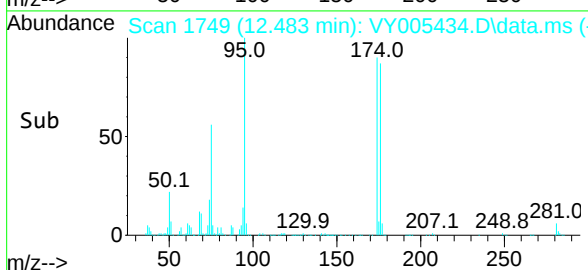
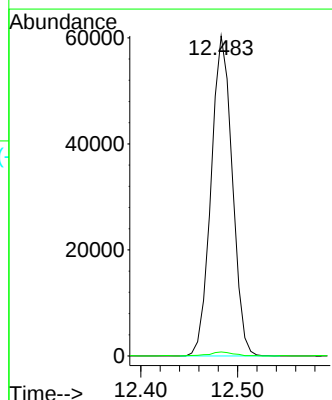
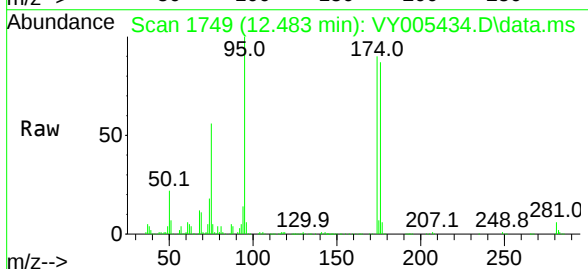
Instrument :
 MSVOA_Y
 ClientSampleId :
 20210442-28

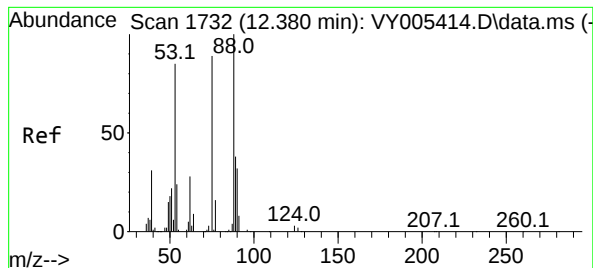
Tgt Ion:152 Resp: 188716
 Ion Ratio Lower Upper
 152 100
 115 55.3 27.7 83.1
 150 156.4 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 49.528 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005434.D
 Acq: 23 Jul 2021 22:28

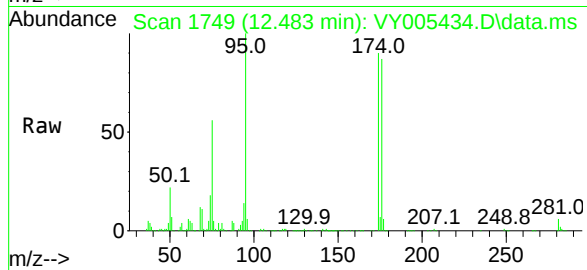
Tgt Ion: 75 Resp: 91969
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.169 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005434.D
 Acq: 23 Jul 2021 22:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210442-28



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.1	114.1#
89	0.0	36.9	55.3#

