

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006052.D
 Acq On : 16 Sep 2021 16:52
 Operator : SY/MD
 Sample : M3757-01RE
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-091521

Quant Time: Sep 17 02:46:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

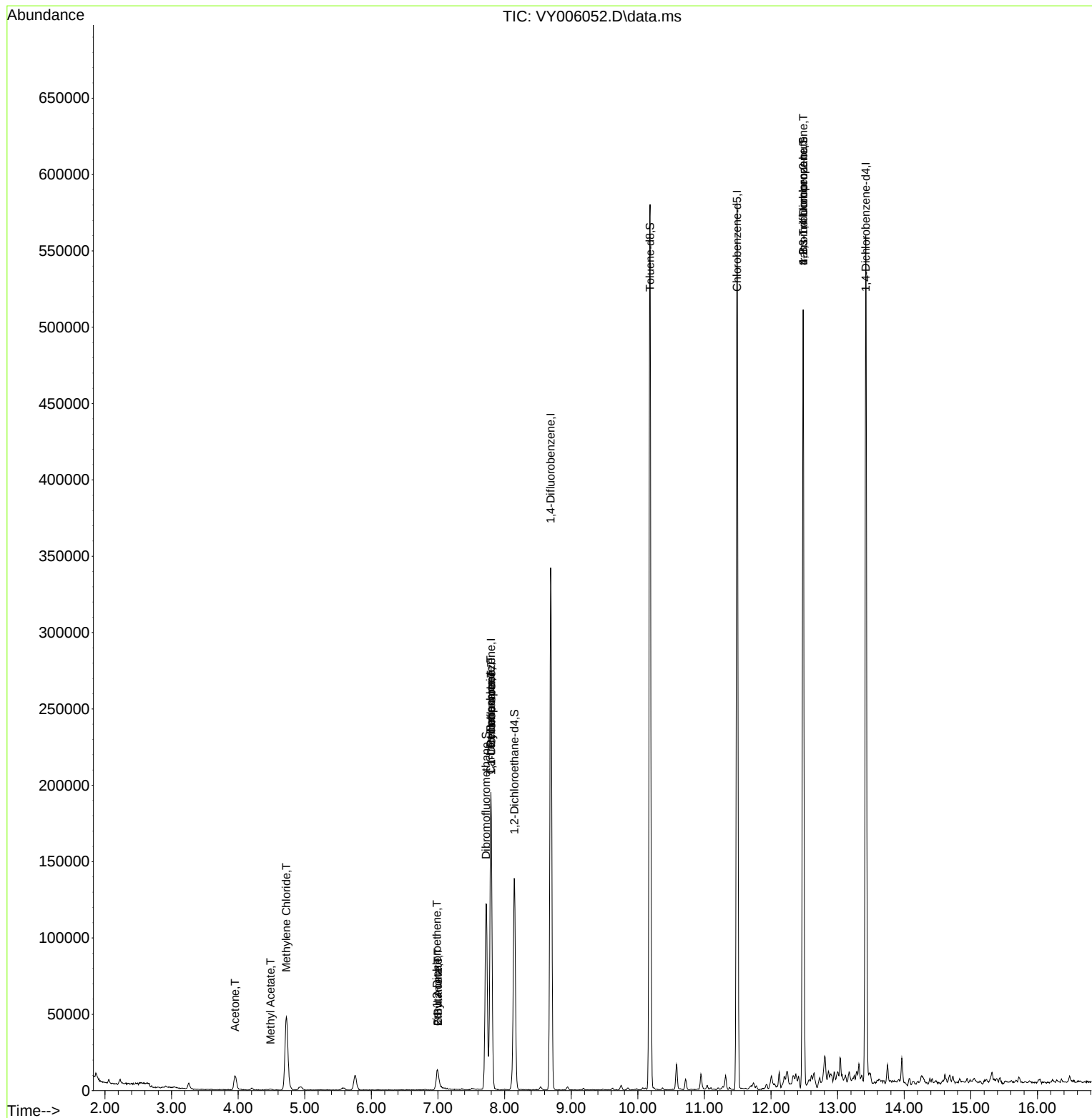
Internal Standards						
1) Pentafluorobenzene	7.795	168	145131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109335	54.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.460%	
35) Dibromofluoromethane	7.722	113	83988	49.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.320%	
50) Toluene-d8	10.185	98	358977	49.799	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	12.483	95	137008	55.981	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.960%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	2739	Below Cal	#	77
16) Acetone	3.954	43	17696	32.004	ug/l	92
18) Methyl Acetate	4.485	43	1590	1.142	ug/l #	71
20) Methylene Chloride	4.722	84	33110	16.035	ug/l	95
25) 2-Butanone	6.996	43	3569	4.683	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	2581	1.424	ug/l	97
31) Cyclohexane	7.795	56	3493	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	12254	4.169	ug/l #	50
37) Ethyl Acetate	6.996	43	3569	1.758	ug/l #	1
38) Carbon Tetrachloride	7.789	117	14208	4.441	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	76585	53.027	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76585	97.491	ug/l #	7

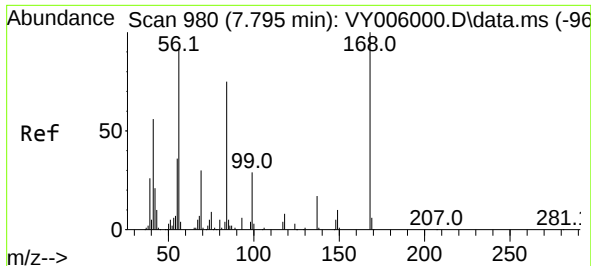
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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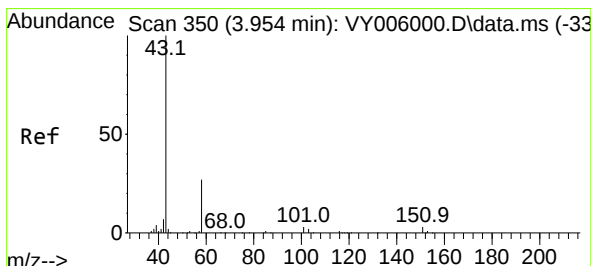
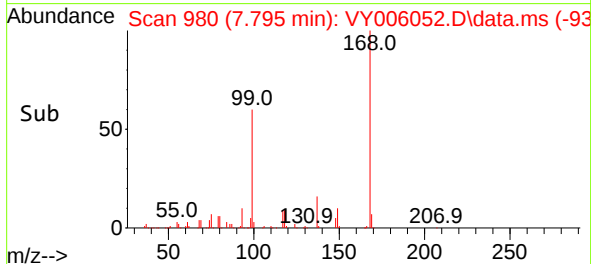
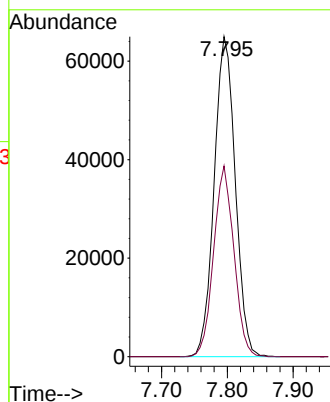
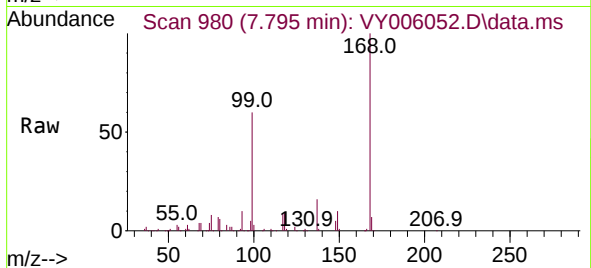




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

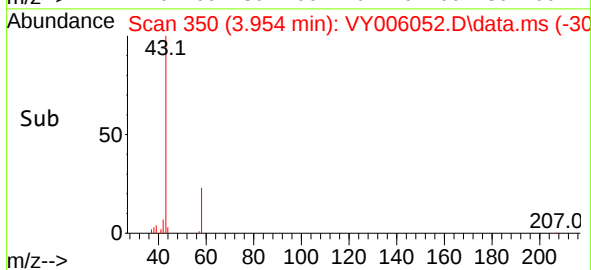
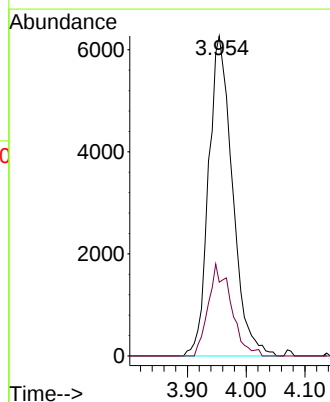
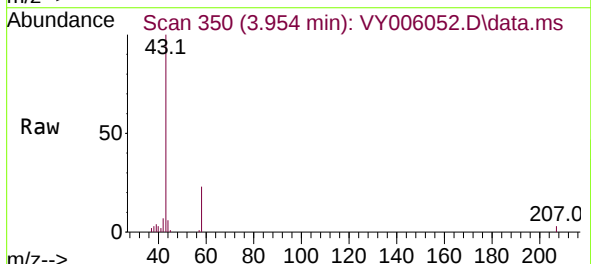
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-091521

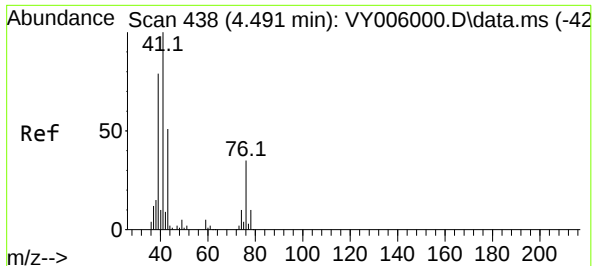
Tgt Ion:168 Resp: 145131
Ion Ratio Lower Upper
168 100
99 59.6 46.9 70.3



#16
Acetone
Concen: 32.004 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

Tgt Ion: 43 Resp: 17696
Ion Ratio Lower Upper
43 100
58 23.1 22.0 33.0





#18

Methyl Acetate

Concen: 1.142 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY006052.D

Acq: 16 Sep 2021 16:52

Instrument :

MSVOA_Y

ClientSampleId :

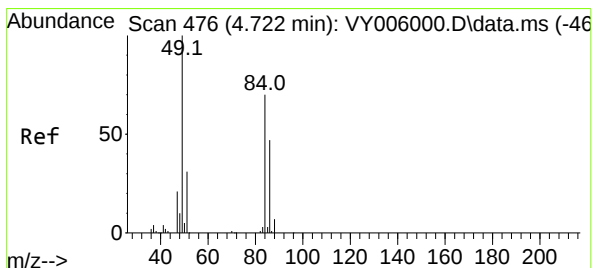
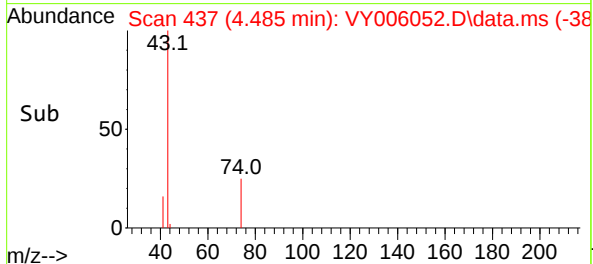
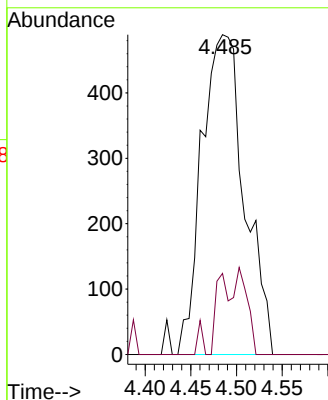
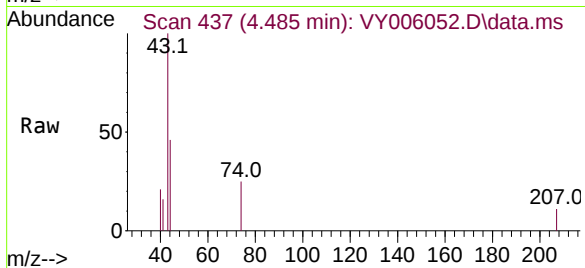
AU-06-091521

Tgt Ion: 43 Resp: 1590

Ion Ratio Lower Upper

43 100

74 7.3 16.6 24.8#



#20

Methylene Chloride

Concen: 16.035 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY006052.D

Acq: 16 Sep 2021 16:52

Tgt Ion: 84 Resp: 33110

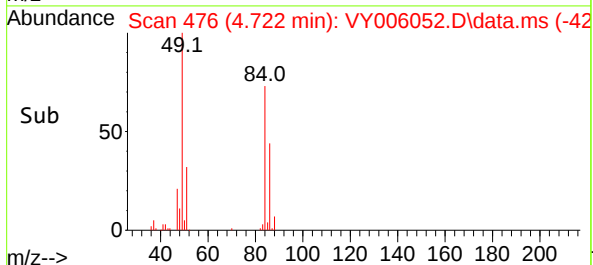
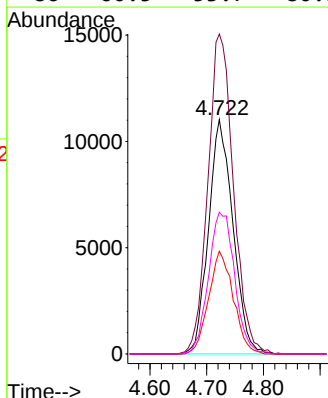
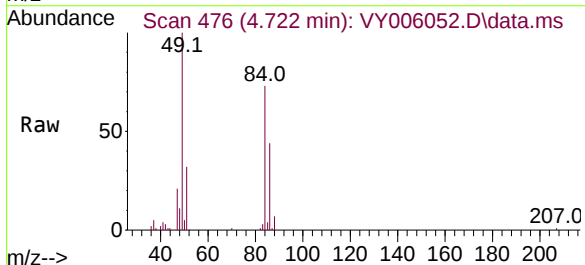
Ion Ratio Lower Upper

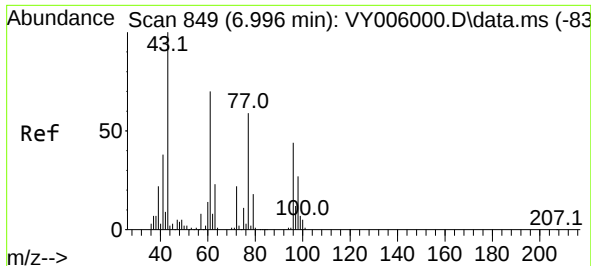
84 100

49 136.5 114.4 171.6

51 43.8 35.3 52.9

86 60.5 53.7 80.5

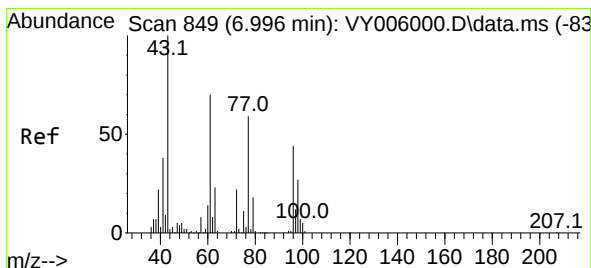
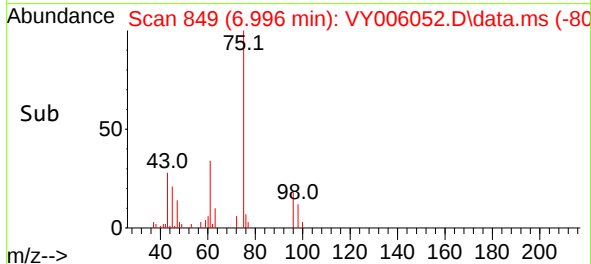
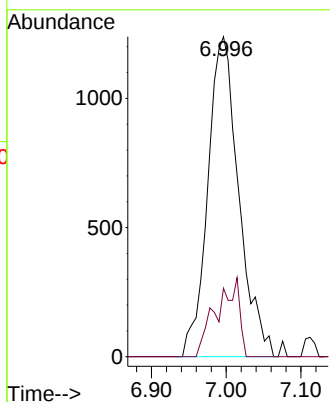
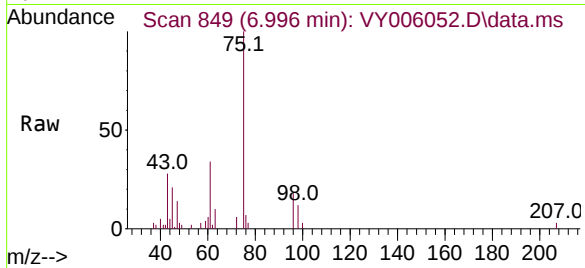




#25
2-Butanone
Concen: 4.683 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

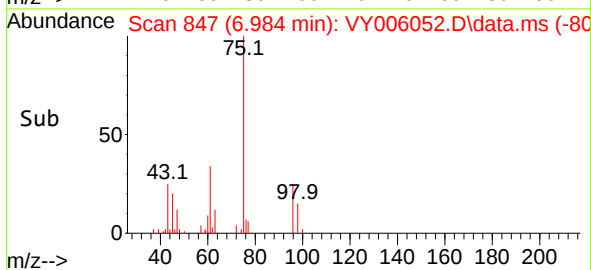
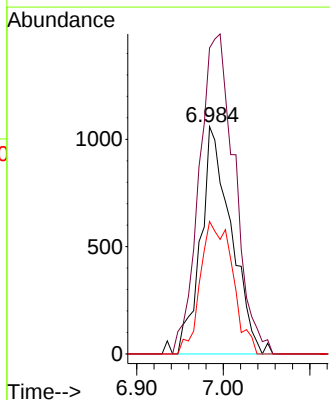
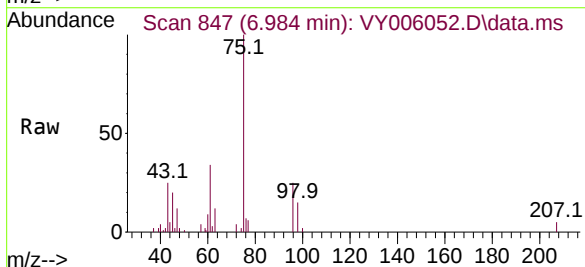
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-091521

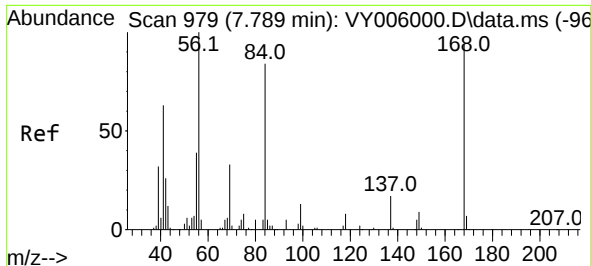
Tgt Ion: 43 Resp: 3569
Ion Ratio Lower Upper
43 100
72 21.4 17.7 26.5



#27
cis-1,2-Dichloroethene
Concen: 1.424 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

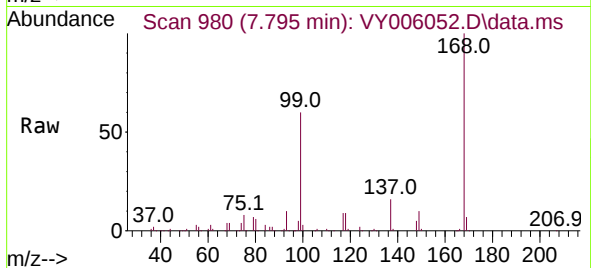
Tgt Ion: 96 Resp: 2581
Ion Ratio Lower Upper
96 100
61 163.9 0.0 319.8
98 62.0 0.0 127.0



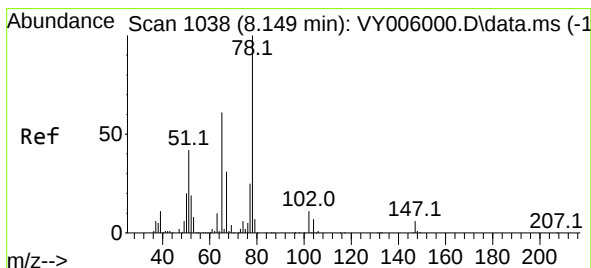
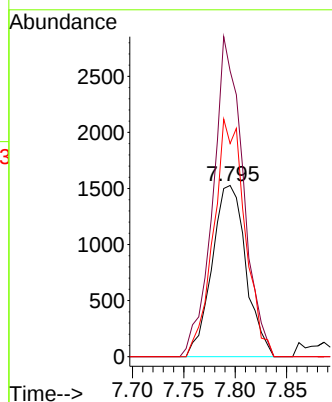
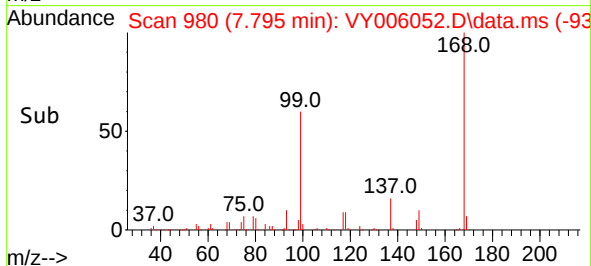


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

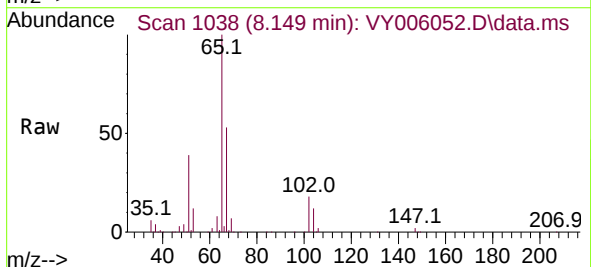
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-091521



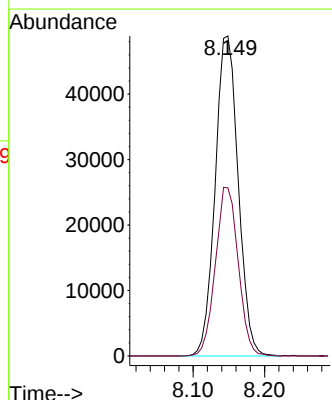
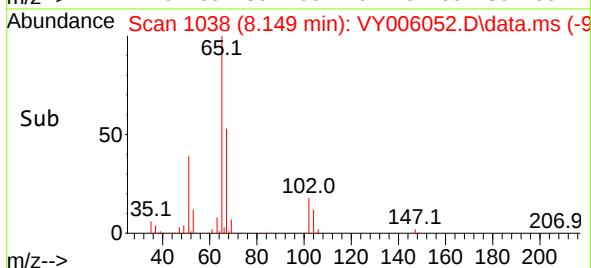
Tgt Ion: 56 Resp: 3493
Ion Ratio Lower Upper
56 100
69 166.9 26.7 40.1#
84 124.5 67.2 100.8#

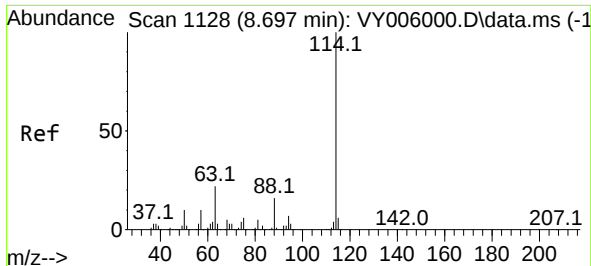


#33
1,2-Dichloroethane-d4
Concen: 54.235 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52



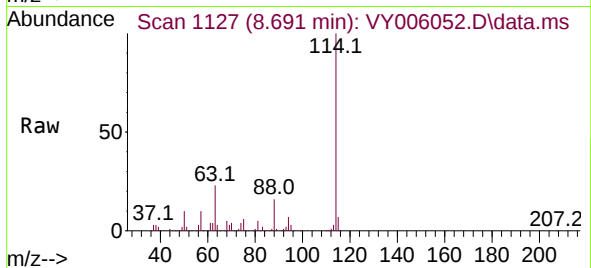
Tgt Ion: 65 Resp: 109335
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4



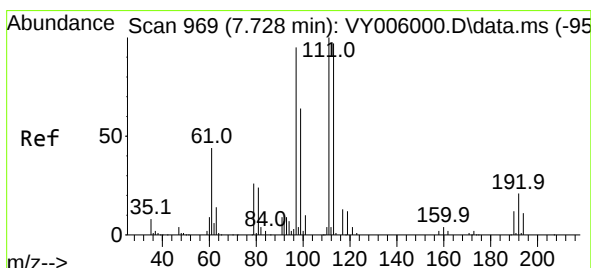
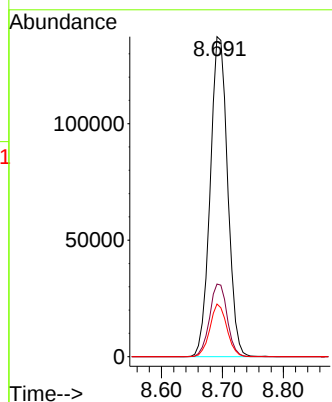
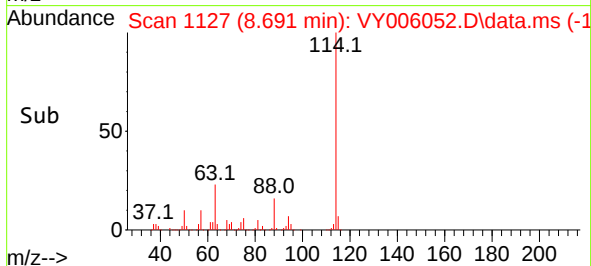


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

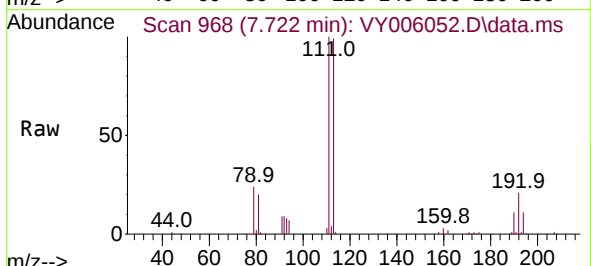
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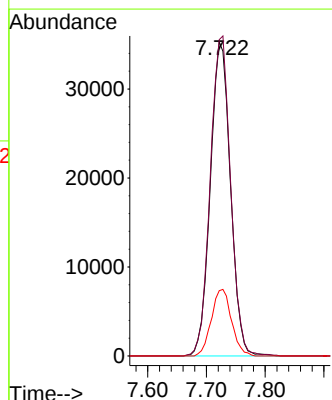
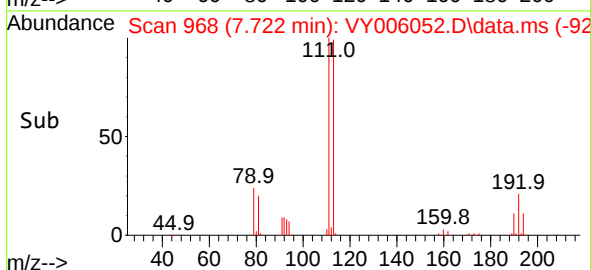
Tgt Ion:114 Resp: 272303
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.2
88 16.4 0.0 31.8

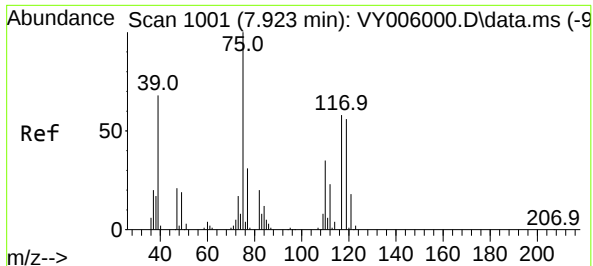


#35
Dibromofluoromethane
Concen: 49.658 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52



Tgt Ion:113 Resp: 83988
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 21.2 17.6 26.4

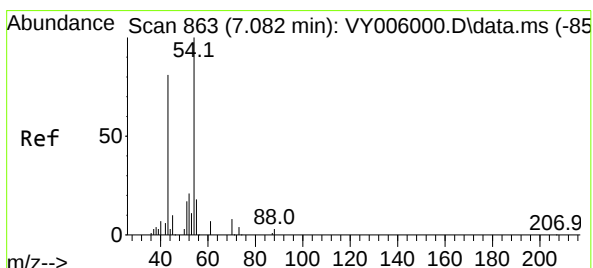
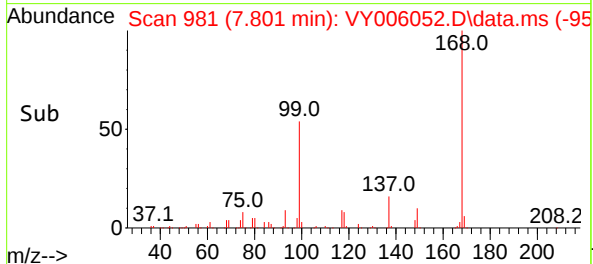
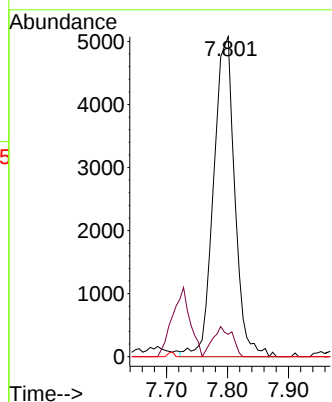
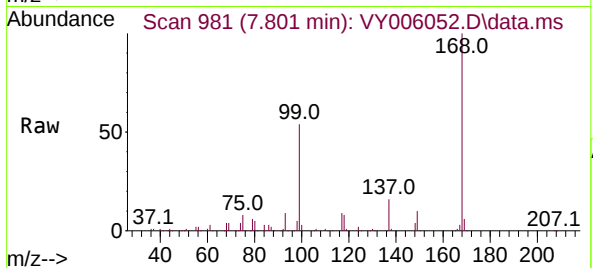




#36
1,1-Dichloropropene
Concen: 4.169 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

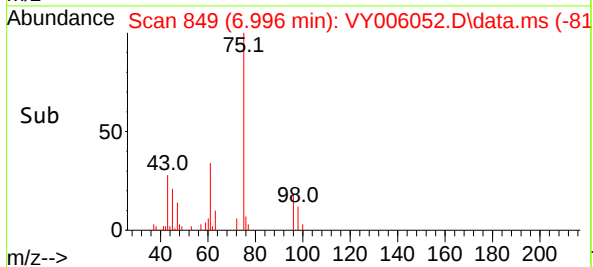
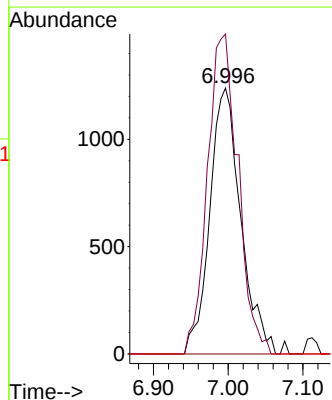
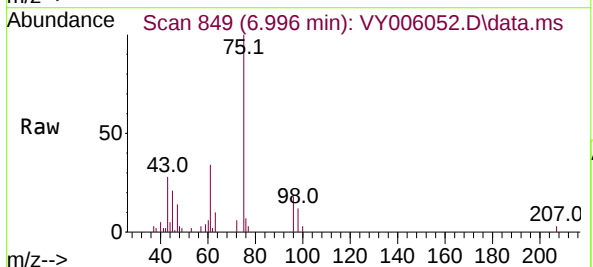
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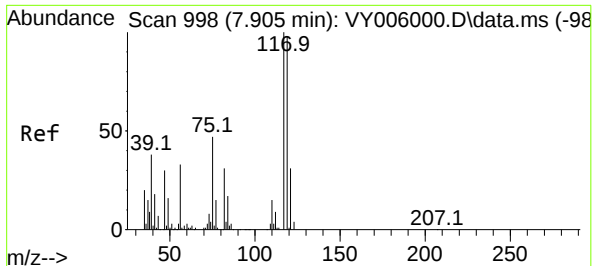
Tgt Ion: 75 Resp: 12254
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.758 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.085 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

Tgt Ion: 43 Resp: 3569
Ion Ratio Lower Upper
43 100
61 118.5 9.7 14.5#
70 0.0 7.1 10.7#

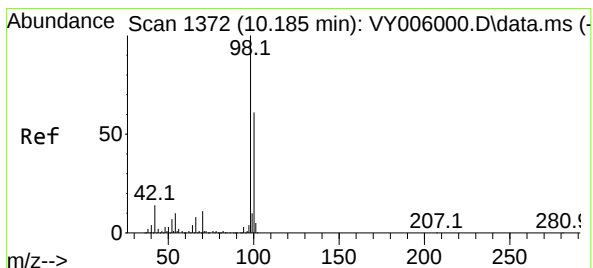
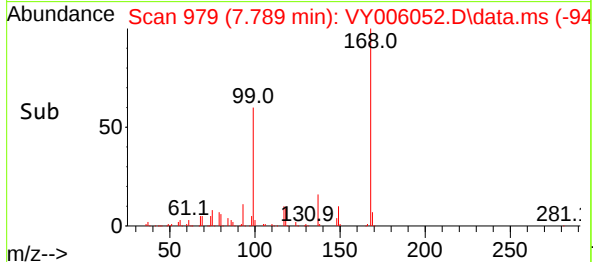
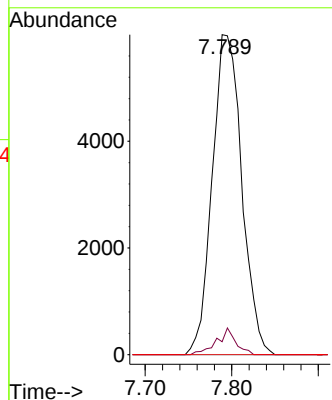
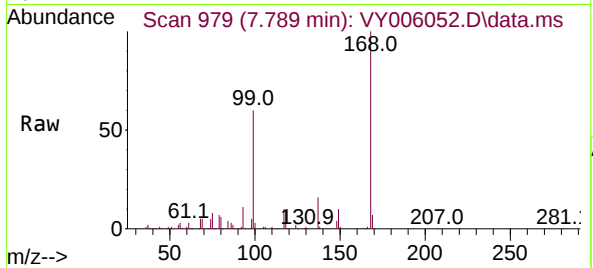




#38
Carbon Tetrachloride
Concen: 4.441 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

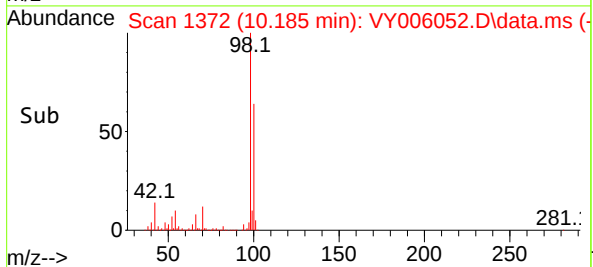
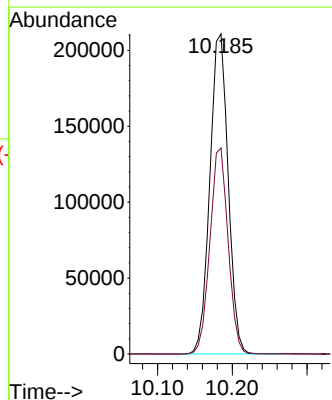
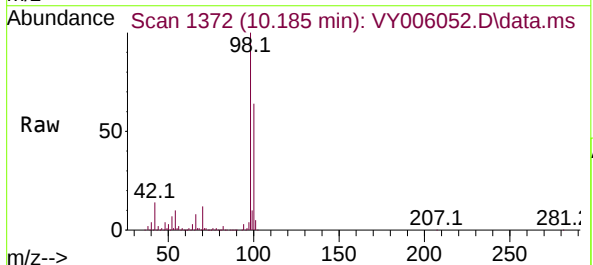
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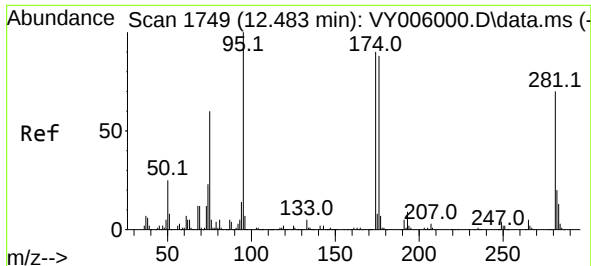
Tgt Ion:117 Resp: 14208
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.799 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

Tgt Ion: 98 Resp: 358977
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

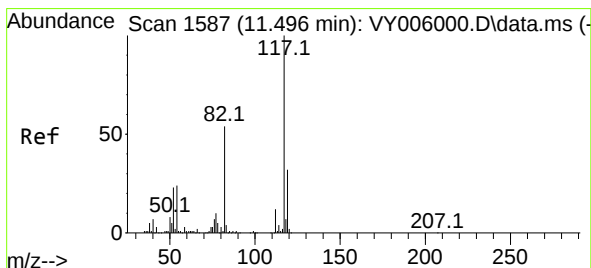
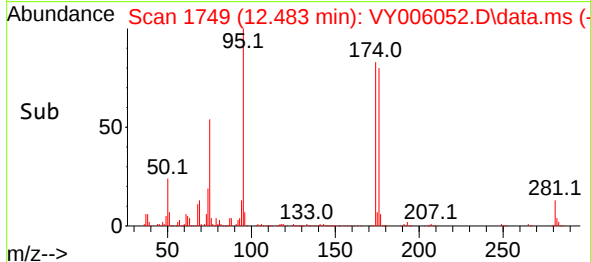
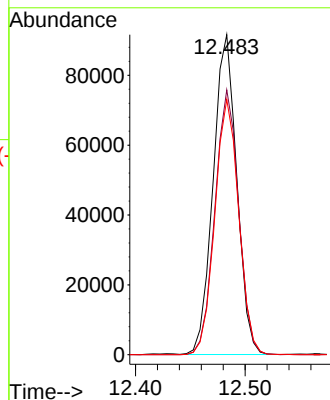
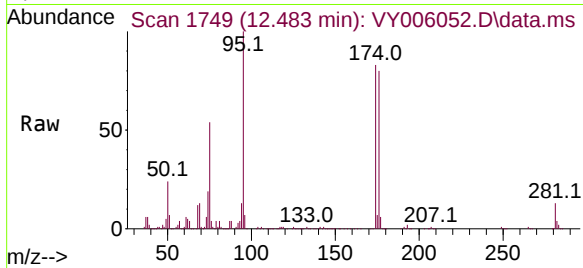




#62
4-Bromofluorobenzene
Concen: 55.981 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

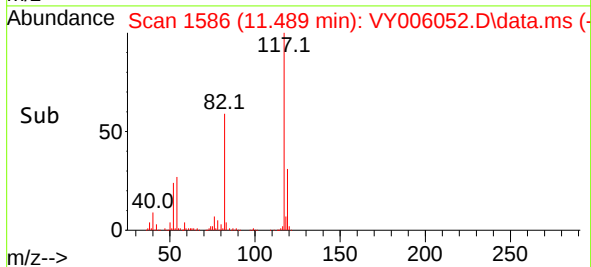
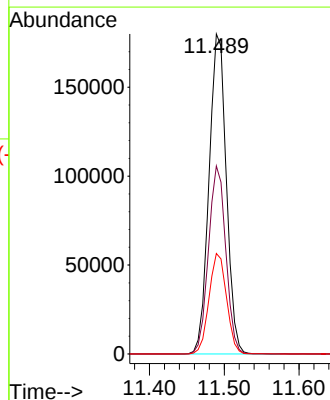
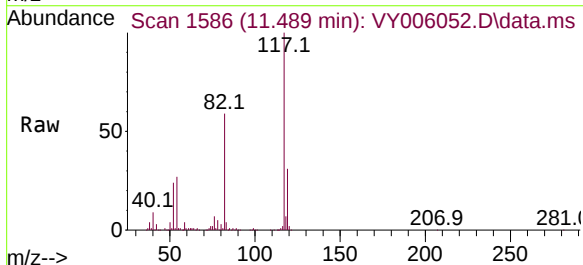
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-091521

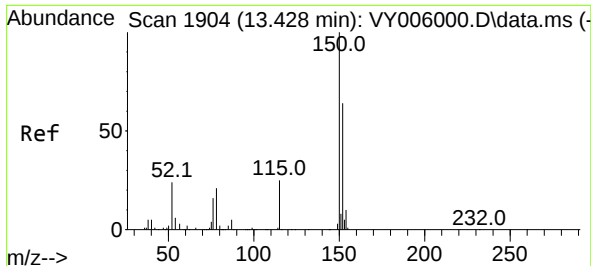
Tgt Ion: 95 Resp: 137008
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 80.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

Tgt Ion: 117 Resp: 288743
Ion Ratio Lower Upper
117 100
82 58.7 43.0 64.4
119 31.4 25.4 38.0

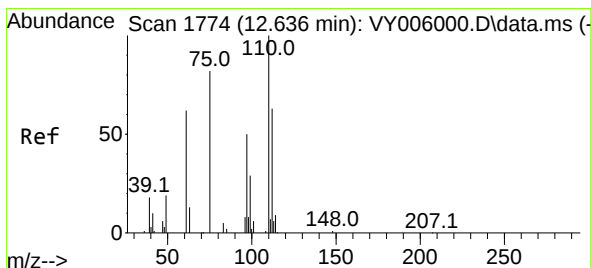
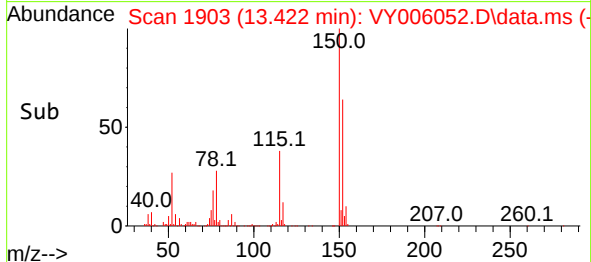
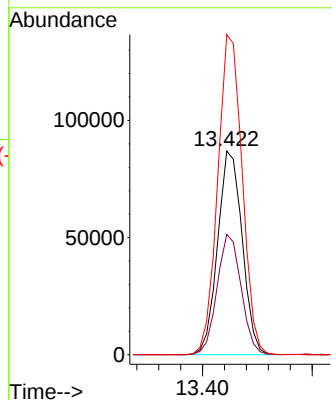
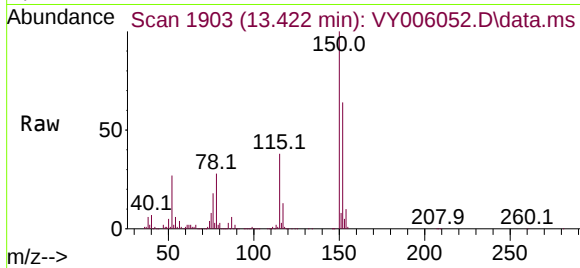




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

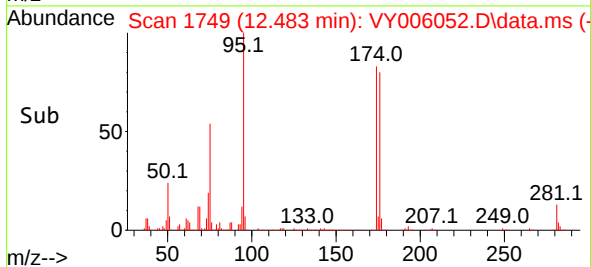
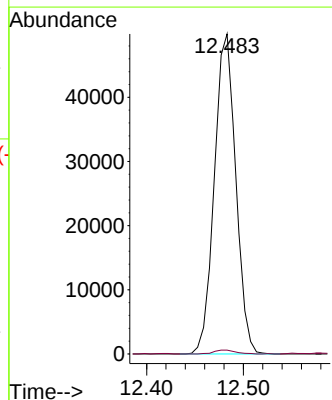
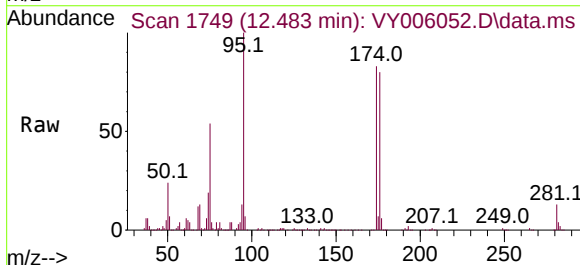
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-091521

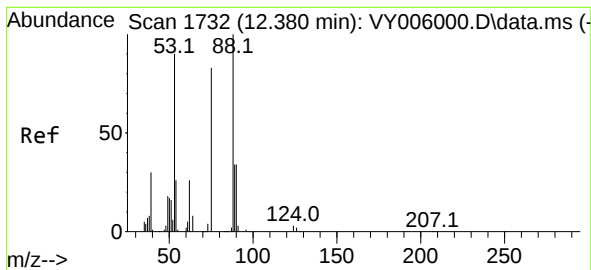
Tgt Ion:152 Resp: 135460
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 156.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 53.027 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006052.D
Acq: 16 Sep 2021 16:52

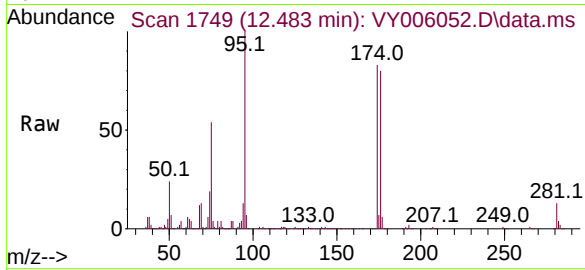
Tgt Ion: 75 Resp: 76585
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.491 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006052.D
 Acq: 16 Sep 2021 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-091521



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	85.3	127.9#
89	0.2	37.0	55.4#

