

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007855.D
 Acq On : 11 Mar 2022 15:26
 Operator : SY/MD
 Sample : N1848-03
 Misc : 6.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B4-030722-4-5

Quant Time: Mar 11 23:22:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

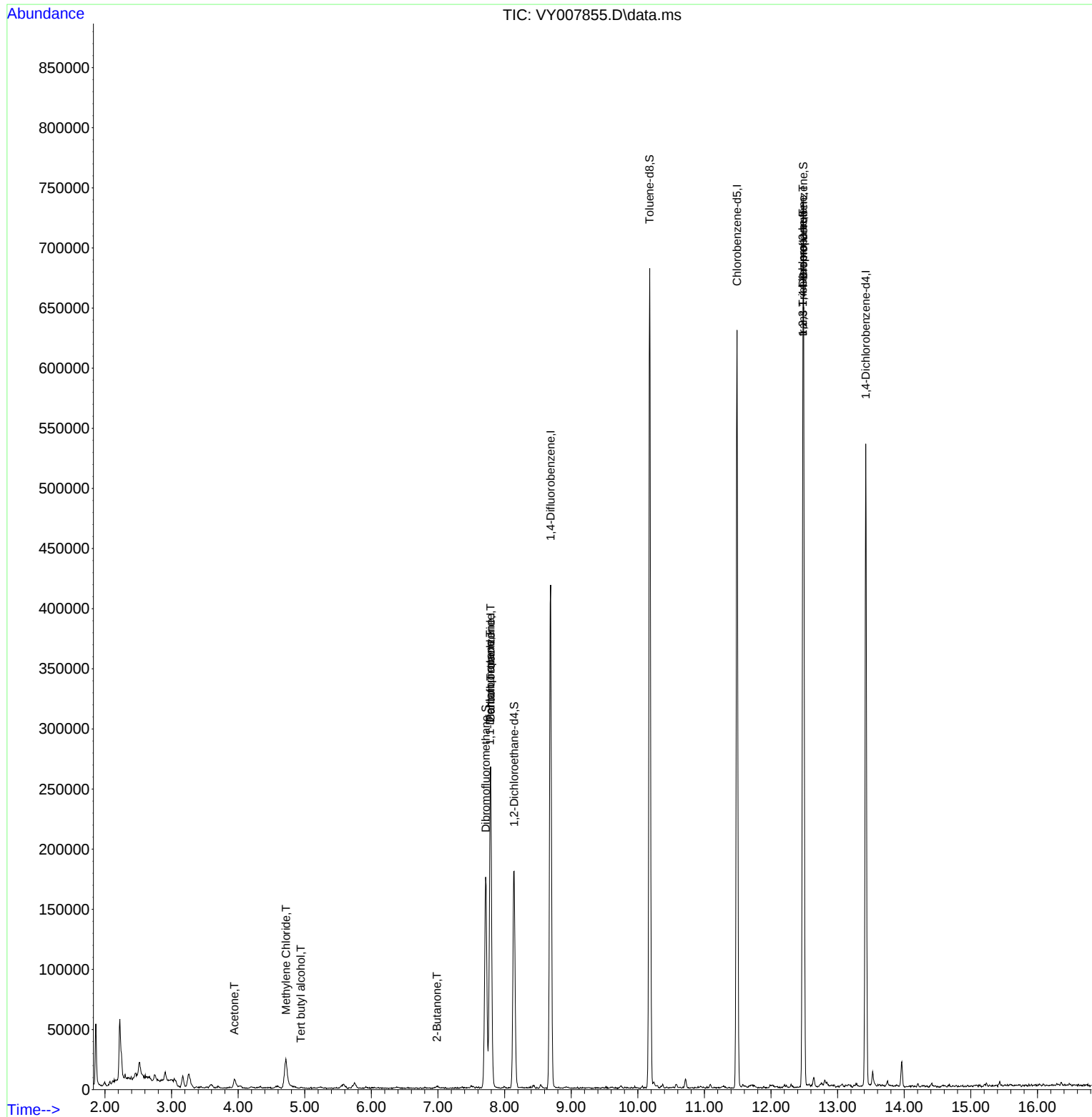
Internal Standards						
1) Pentafluorobenzene	7.789	168	201553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	349331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	316079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	134981	63.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.940%	
35) Dibromofluoromethane	7.716	113	119612	53.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.179	98	435735	53.001	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	12.483	95	120426	45.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	1190	Below Cal	#	66
11) Tert butyl alcohol	4.942	59	562	3.076	ug/l #	77
13) Acrolein	3.735	56	29	Below Cal	#	1
16) Acetone	3.942	43	11892	27.704	ug/l	93
17) Carbon Disulfide	4.204	76	1339	Below Cal		100
18) Methyl Acetate	4.472	43	177	Below Cal	#	85
20) Methylene Chloride	4.716	84	15496	3.475	ug/l	92
25) 2-Butanone	6.984	43	1633	2.268	ug/l #	70
31) Cyclohexane	7.789	56	5749	Below Cal	#	10
36) 1,1-Dichloropropene	7.783	75	17136	4.877	ug/l #	51
38) Carbon Tetrachloride	7.789	117	20419	5.448	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	74086	53.097	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	74086	108.551	ug/l #	7

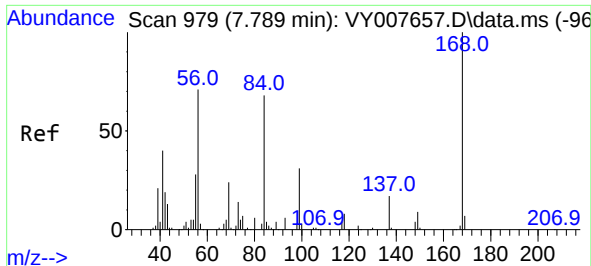
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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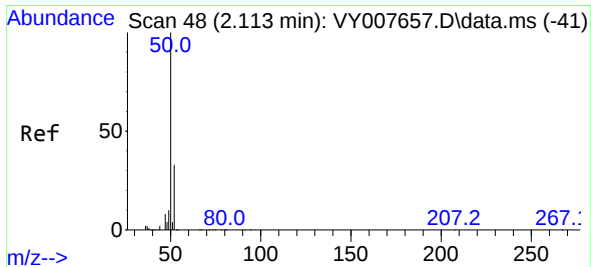
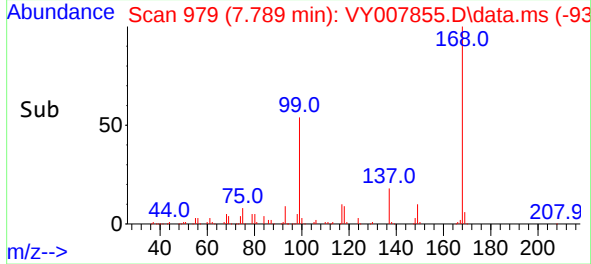
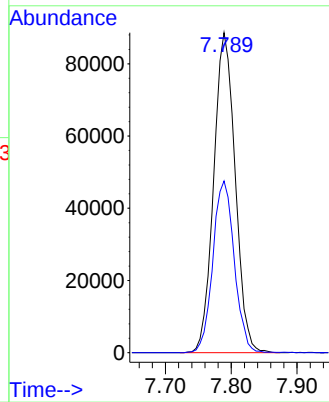
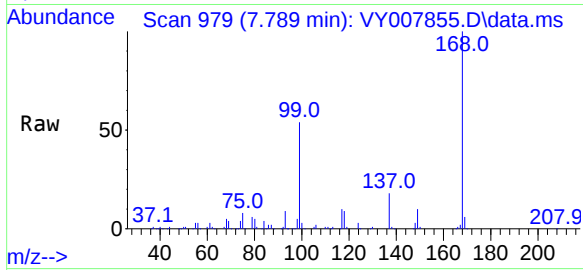




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007855.D
Acq: 11 Mar 2022 15:26

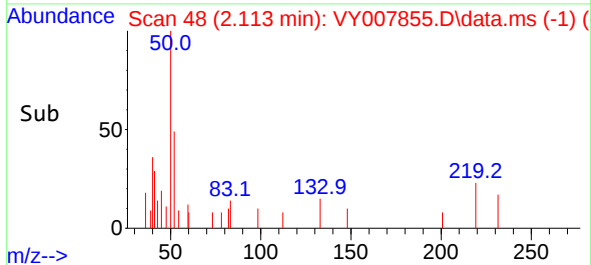
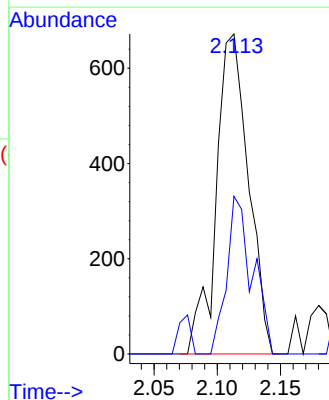
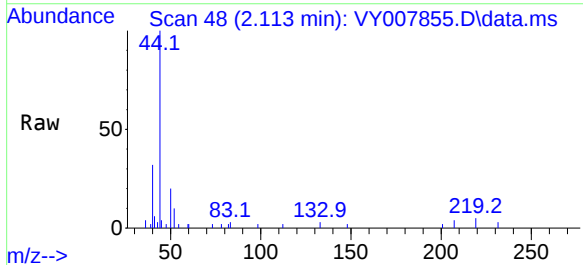
Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-4-5

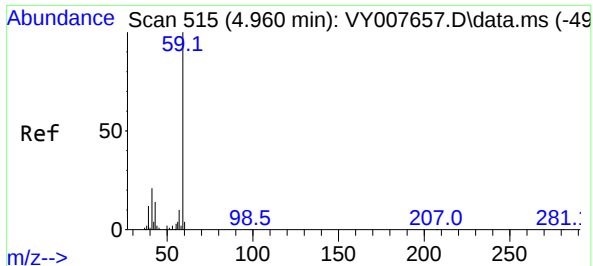
Tgt Ion:168 Resp: 201553
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007855.D
Acq: 11 Mar 2022 15:26

Tgt Ion: 50 Resp: 1190
Ion Ratio Lower Upper
50 100
52 49.3 24.6 37.0#

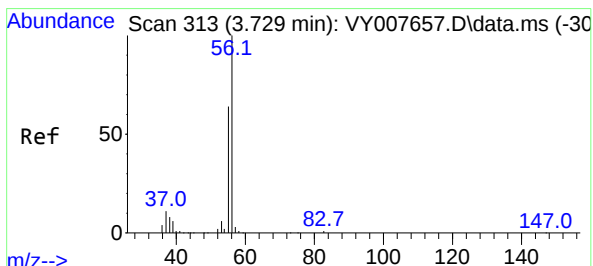
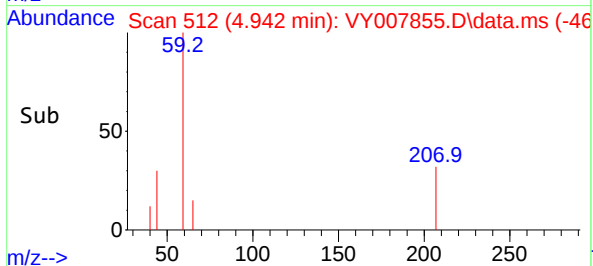
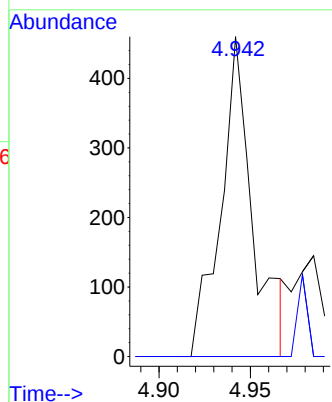
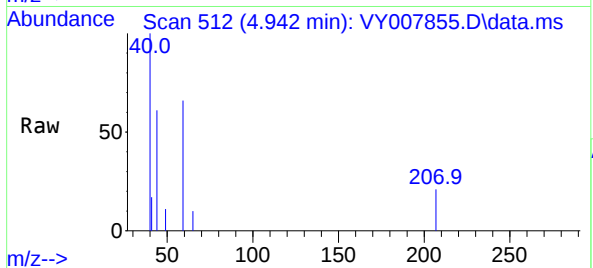




#11
Tert butyl alcohol
Concen: 3.076 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY007855.D
Acq: 11 Mar 2022 15:26

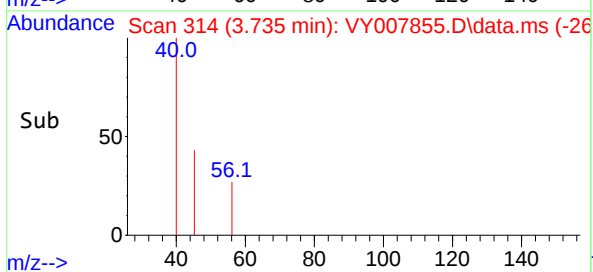
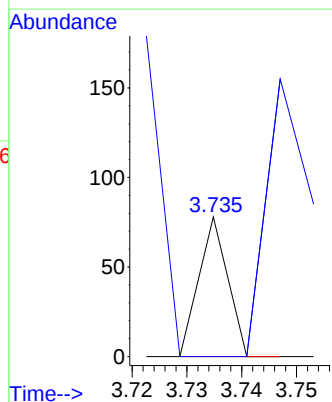
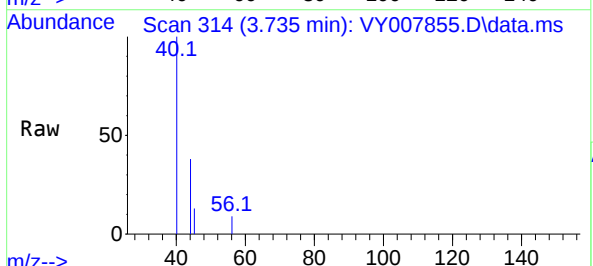
Instrument :
MSVOA_Y
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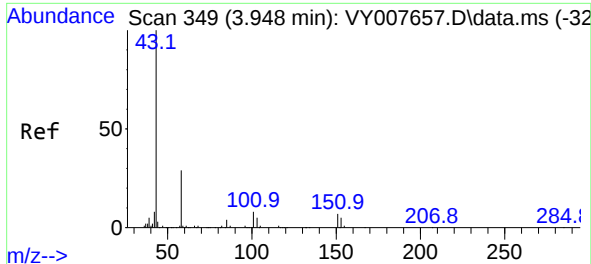
Tgt Ion: 59 Resp: 562
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY007855.D
Acq: 11 Mar 2022 15:26

Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 303.4 57.6 86.4#





#16

Acetone

Concen: 27.704 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY007855.D

Acq: 11 Mar 2022 15:26

Instrument :

MSVOA_Y

ClientSampleId :

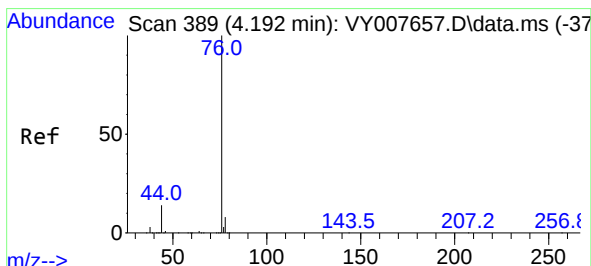
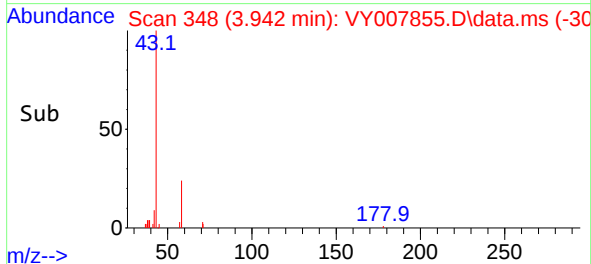
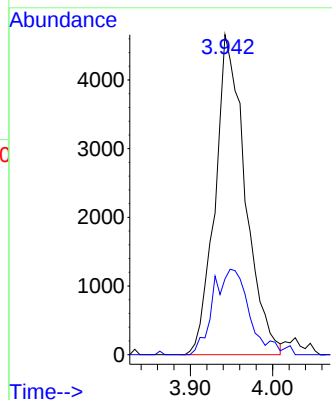
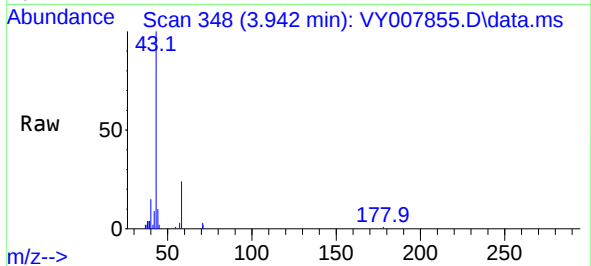
CG-B4-030722-4-5

Tgt Ion: 43 Resp: 11892

Ion Ratio Lower Upper

43 100

58 23.7 22.0 33.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.204 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY007855.D

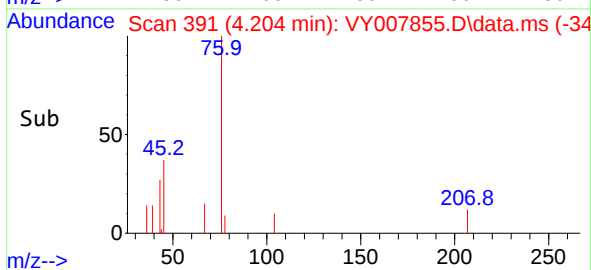
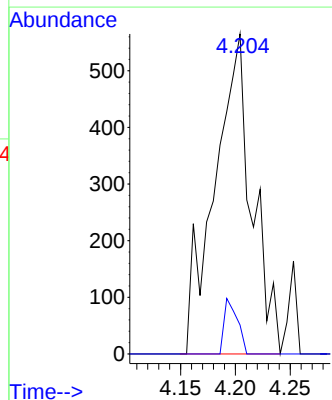
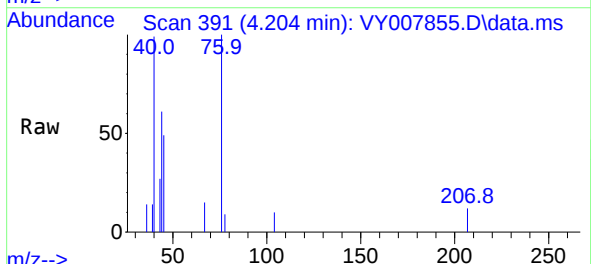
Acq: 11 Mar 2022 15:26

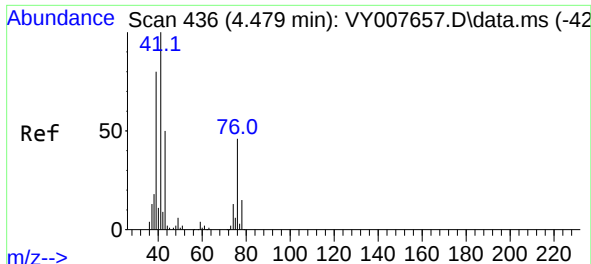
Tgt Ion: 76 Resp: 1339

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 41

Delta R.T. -0.007 min

Lab File: VY007855.D

Acq: 11 Mar 2022 15:26

Instrument :

MSVOA_Y

ClientSampleId :

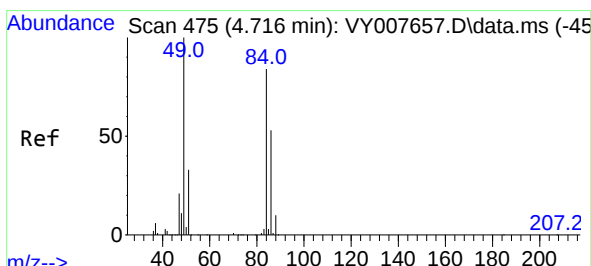
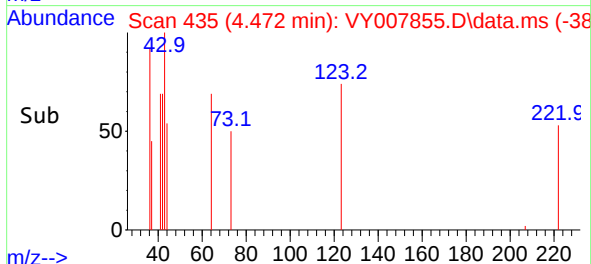
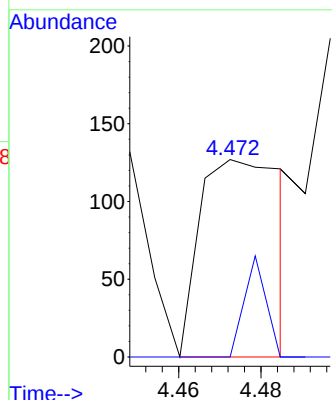
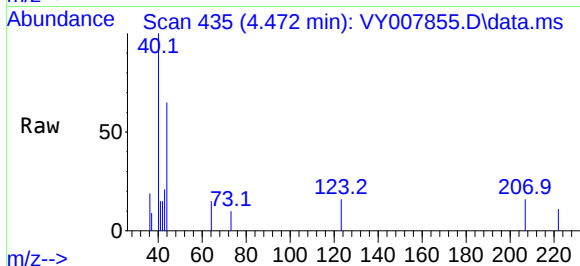
CG-B4-030722-4-5

Tgt Ion: 43 Resp: 177

Ion Ratio Lower Upper

43 100

74 13.6 16.6 24.8#



#20

Methylene Chloride

Concen: 3.475 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY007855.D

Acq: 11 Mar 2022 15:26

Tgt Ion: 84 Resp: 15496

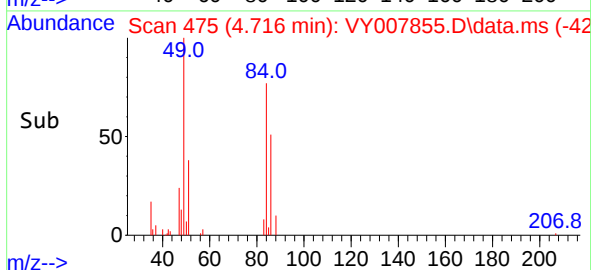
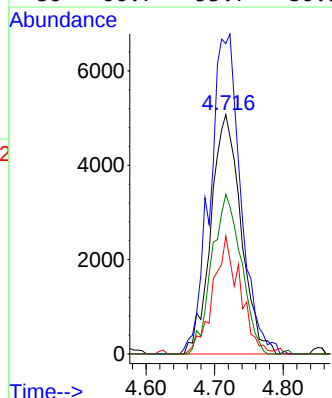
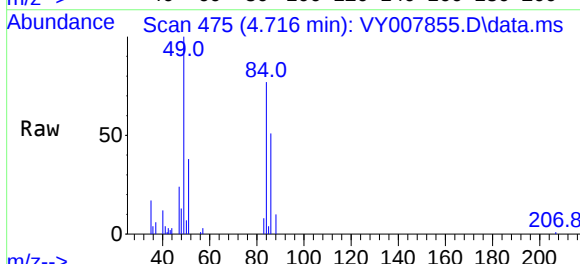
Ion Ratio Lower Upper

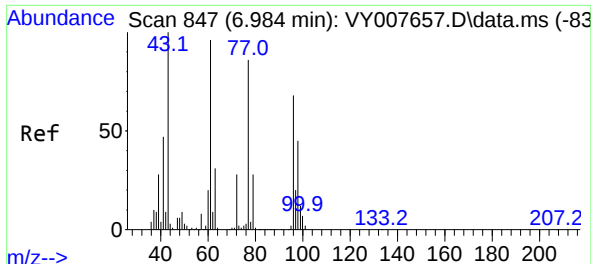
84 100

49 129.7 114.4 171.6

51 49.1 35.3 52.9

86 66.7 53.7 80.5

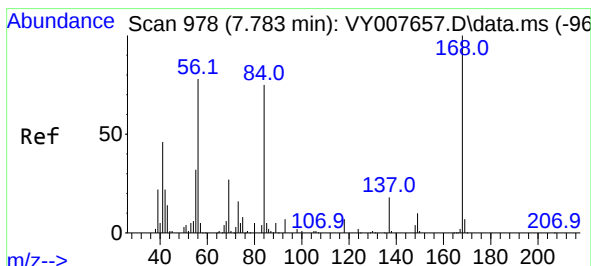
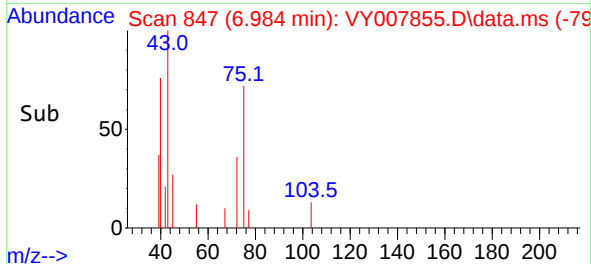
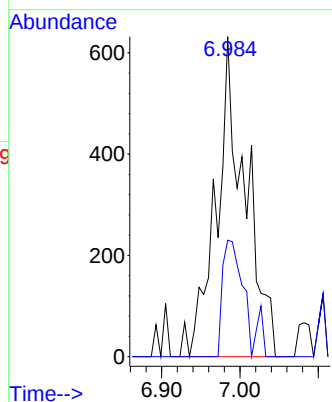
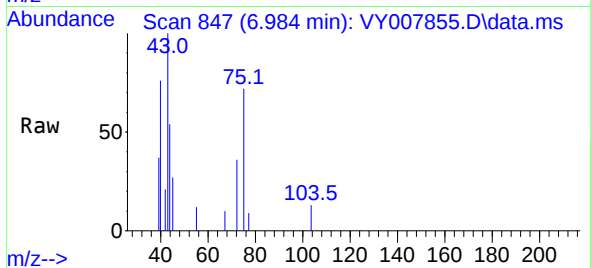




#25
2-Butanone
Concen: 2.268 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007855.D
Acq: 11 Mar 2022 15:26

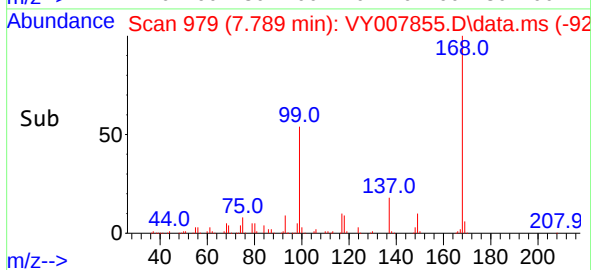
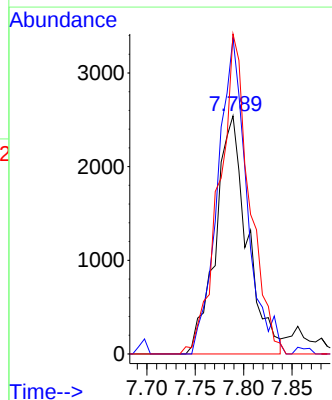
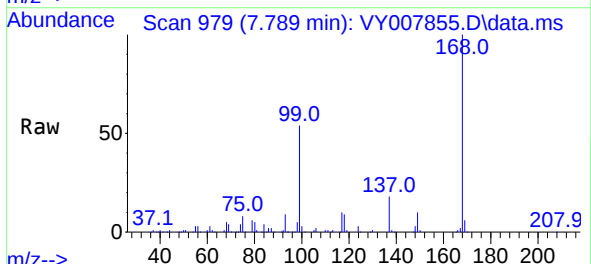
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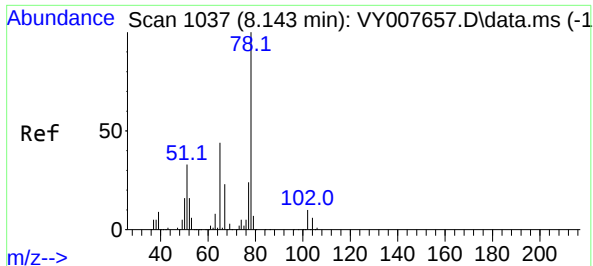
Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
72 36.4 17.7 26.5#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007855.D
Acq: 11 Mar 2022 15:26

Tgt Ion: 56 Resp: 5749
Ion Ratio Lower Upper
56 100
69 132.8 26.7 40.1#
84 134.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.970 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007855.D

Acq: 11 Mar 2022 15:26

Instrument :

MSVOA_Y

ClientSampleId :

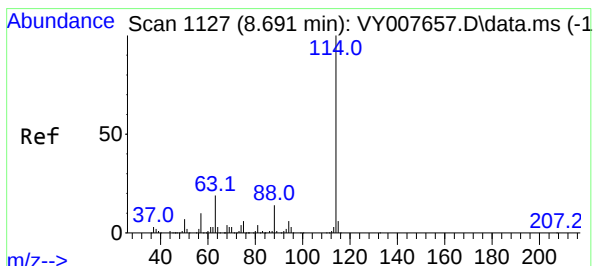
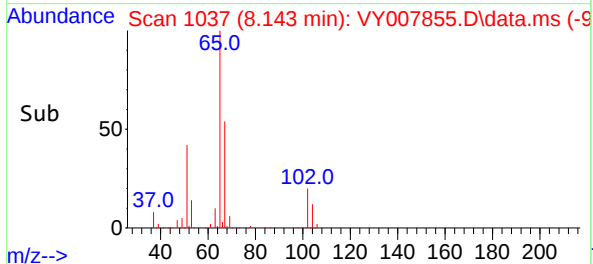
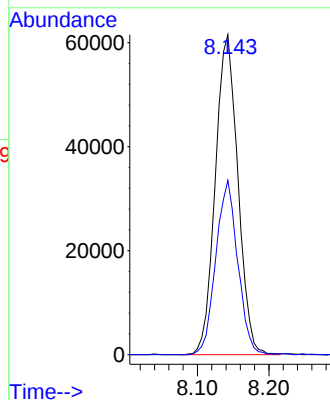
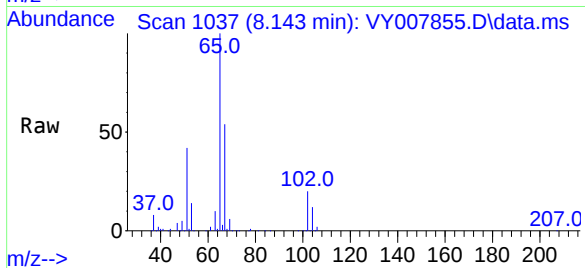
CG-B4-030722-4-5

Tgt Ion: 65 Resp: 134981

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007855.D

Acq: 11 Mar 2022 15:26

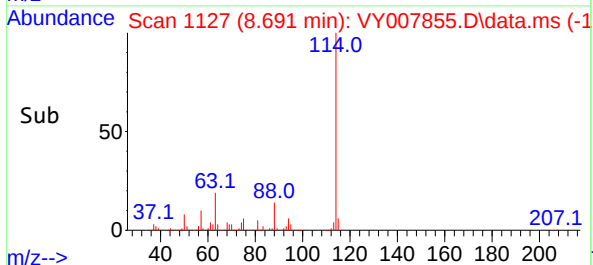
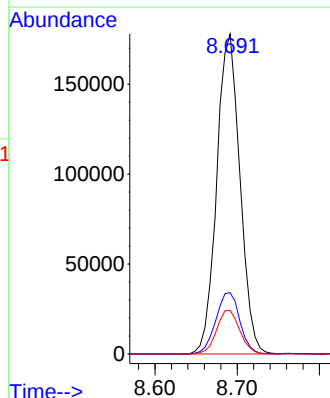
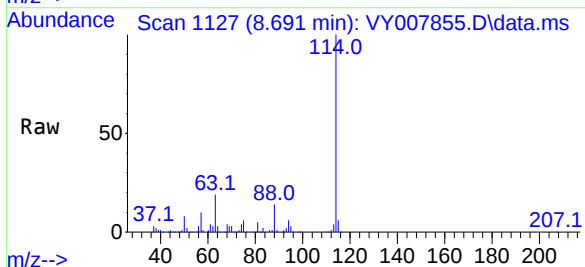
Tgt Ion: 114 Resp: 349331

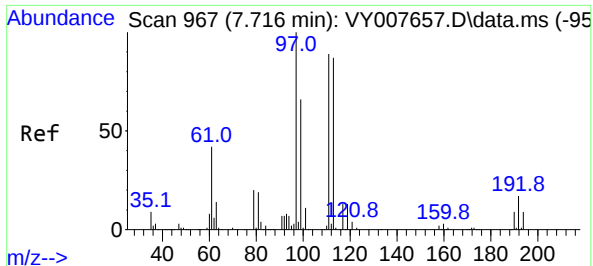
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.6 0.0 31.8

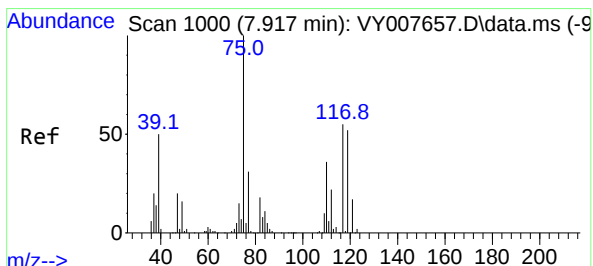
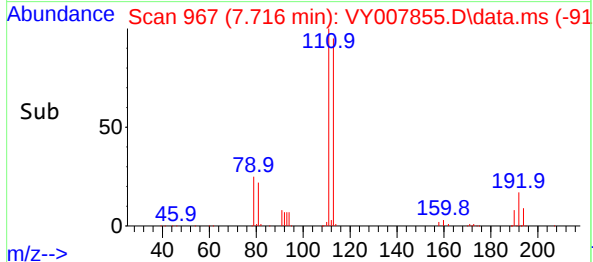
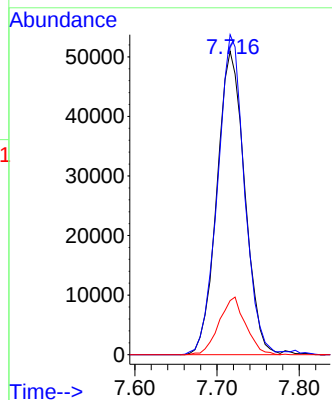
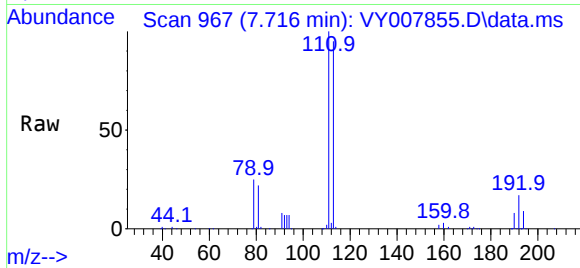




#35
Dibromofluoromethane
Concen: 53.556 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007855.D
Acq: 11 Mar 2022 15:26

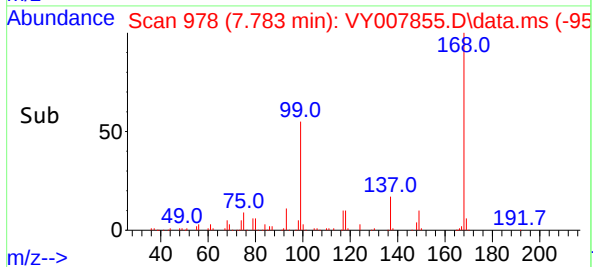
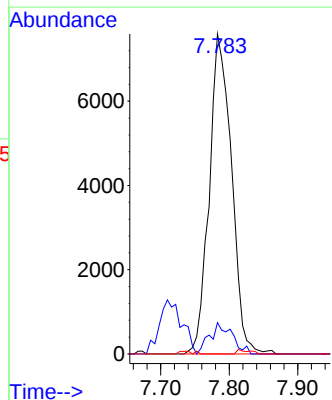
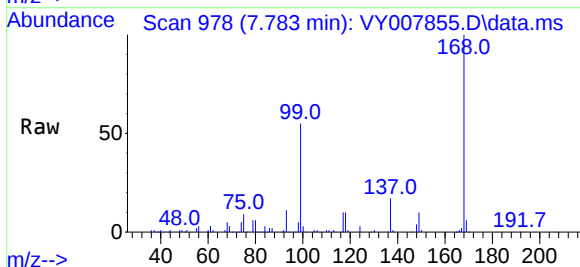
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CG-B4-030722-4-5

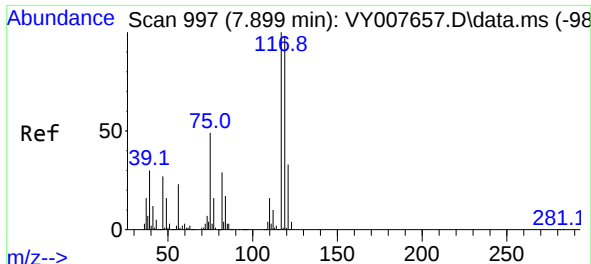
Tgt Ion:113 Resp: 119612
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 18.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.877 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007855.D
Acq: 11 Mar 2022 15:26

Tgt Ion: 75 Resp: 17136
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#

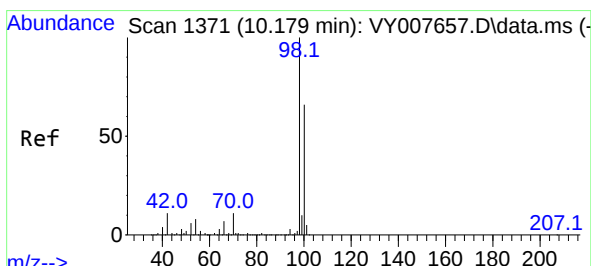
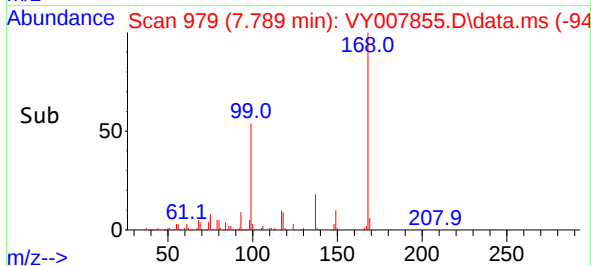
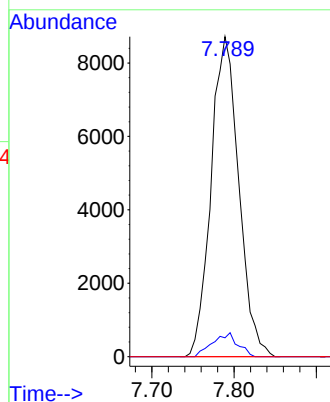
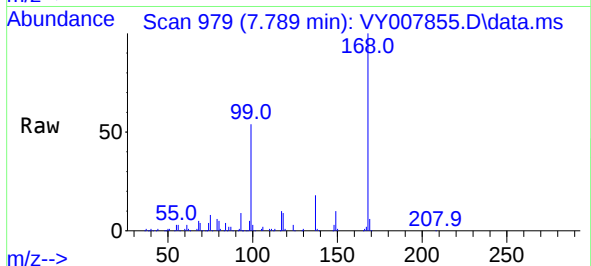




#38
Carbon Tetrachloride
Concen: 5.448 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007855.D
Acq: 11 Mar 2022 15:26

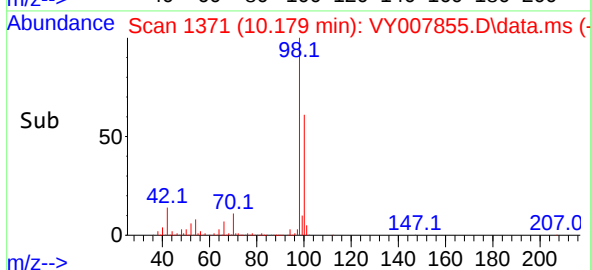
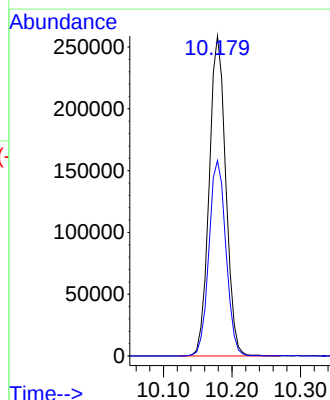
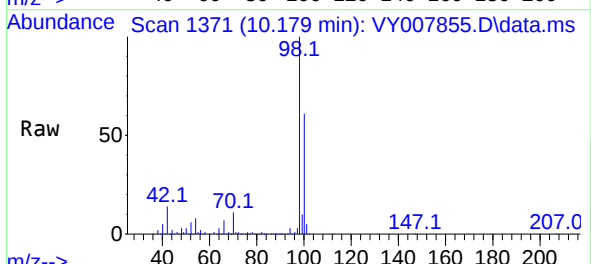
Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-4-5

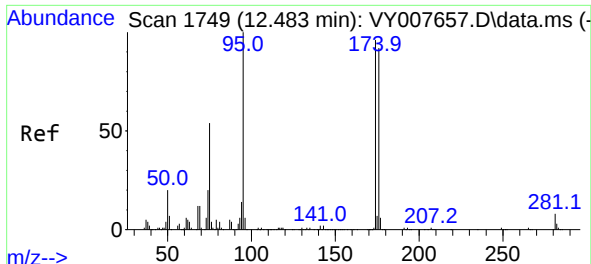
Tgt Ion:117 Resp: 20419
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.001 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007855.D
Acq: 11 Mar 2022 15:26

Tgt Ion: 98 Resp: 435735
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2

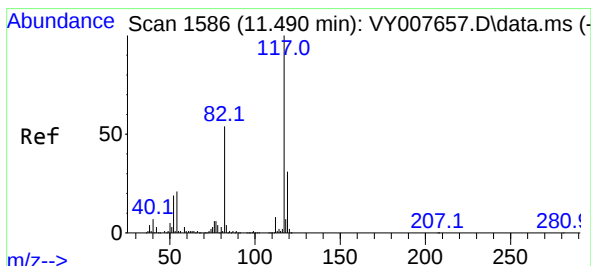
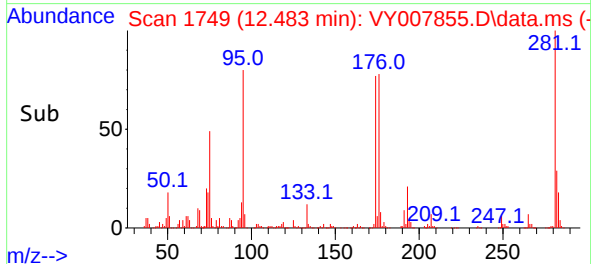
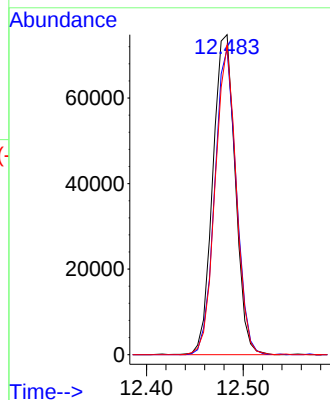
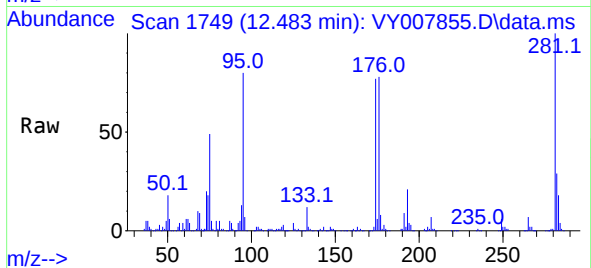




#62
4-Bromofluorobenzene
Concen: 45.443 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007855.D
Acq: 11 Mar 2022 15:26

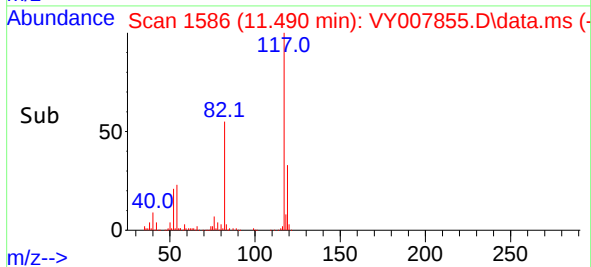
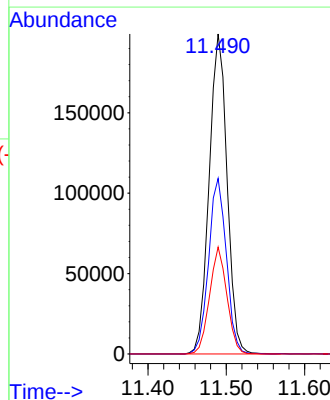
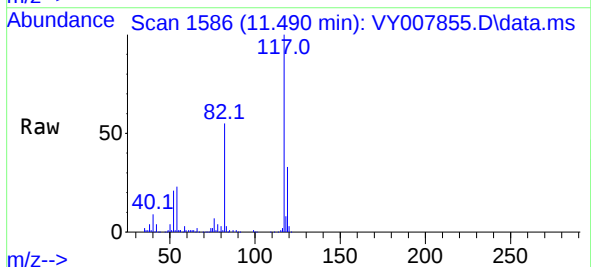
Instrument :
MSVOA_Y
ClientSampleId :
CG-B4-030722-4-5

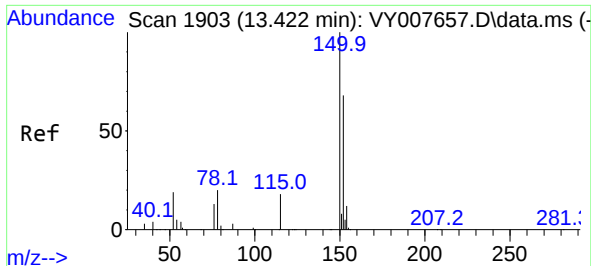
Tgt Ion: 95 Resp: 120426
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 90.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007855.D
Acq: 11 Mar 2022 15:26

Tgt Ion: 117 Resp: 316079
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 33.4 25.4 38.0

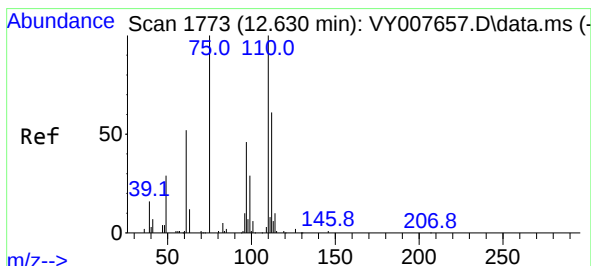
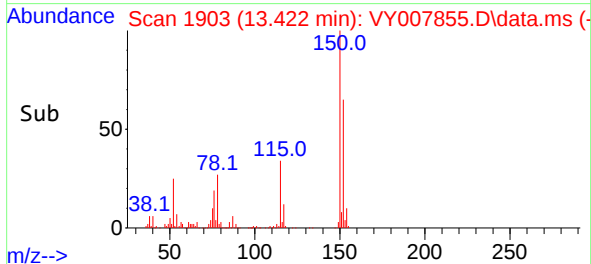
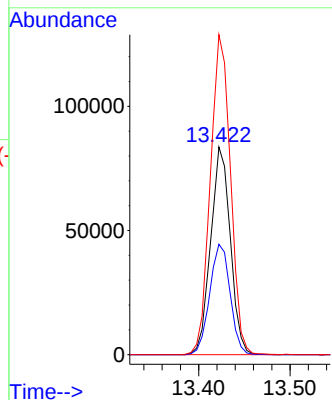
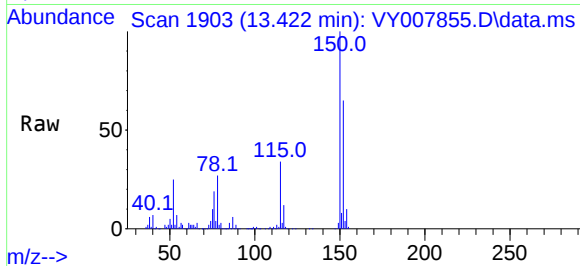




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007855.D
 Acq: 11 Mar 2022 15:26

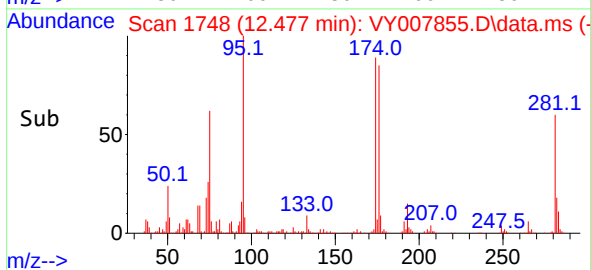
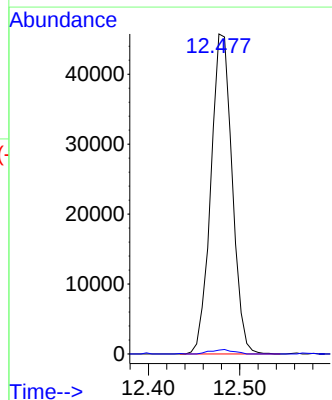
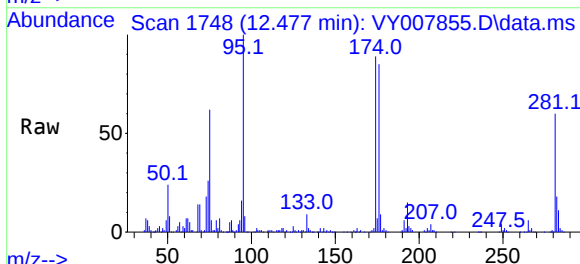
Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B4-030722-4-5

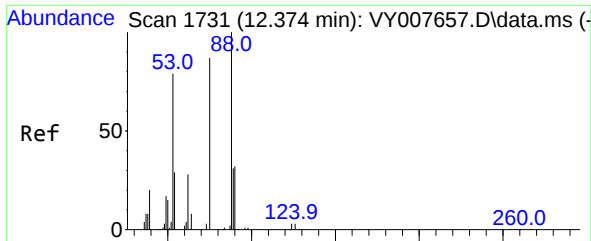
Tgt Ion:152 Resp: 124940
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 157.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 53.097 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007855.D
 Acq: 11 Mar 2022 15:26

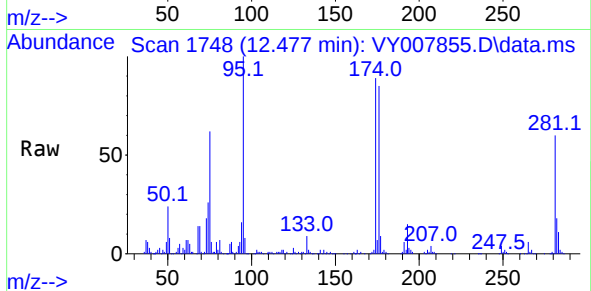
Tgt Ion: 75 Resp: 74086
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.551 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007855.D
 Acq: 11 Mar 2022 15:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B4-030722-4-5



Tgt Ion: 75 Resp: 74086
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.0 37.0 55.4#

