

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007670.D
 Acq On : 01 Mar 2022 16:12
 Operator : SY/MD
 Sample : N1721-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-2

Quant Time: Mar 02 07:51:27 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)

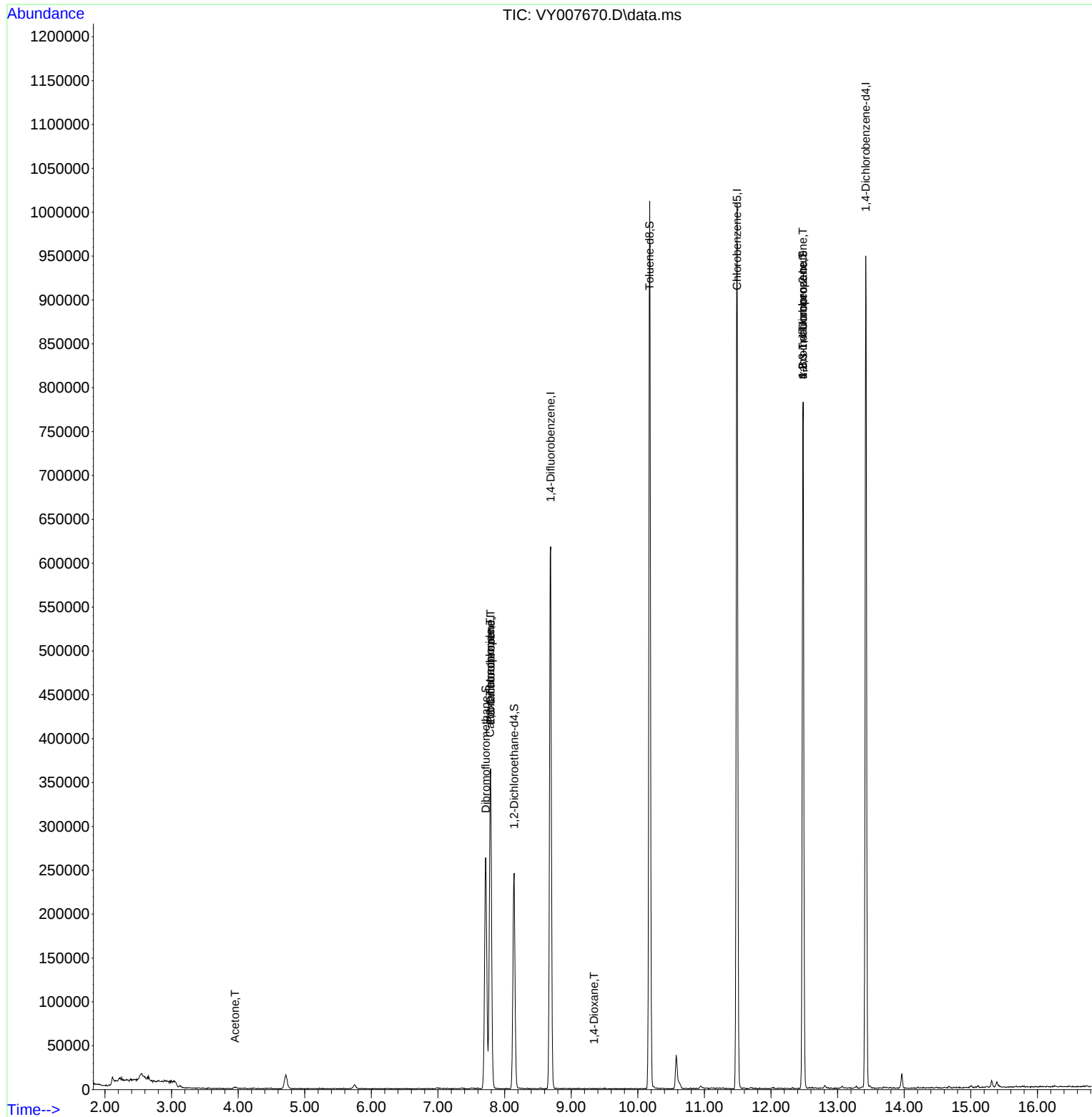
Internal Standards						
1) Pentafluorobenzene	7.789	168	288782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	531275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	531564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	236611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	184666	61.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.160%	
35) Dibromofluoromethane	7.716	113	179887	52.961	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.920%	
50) Toluene-d8	10.179	98	666190	53.282	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.560%	
62) 4-Bromofluorobenzene	12.477	95	216837	53.802	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	748	Below Cal		79
3) Chloromethane	2.107	50	4060	Below Cal		96
16) Acetone	3.954	43	2768	4.501 ug/l	#	66
18) Methyl Acetate	4.466	43	504	Below Cal	#	86
20) Methylene Chloride	4.716	84	11128	Below Cal	#	76
31) Cyclohexane	7.783	56	6410	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	22106	4.137 ug/l	#	51
38) Carbon Tetrachloride	7.783	117	27621	4.846 ug/l	#	15
49) 1,4-Dioxane	9.344	88	41	1.471 ug/l	#	20
76) 1,2,3-Trichloropropane	12.477	75	124139	46.980 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	124139	96.044 ug/l	#	7

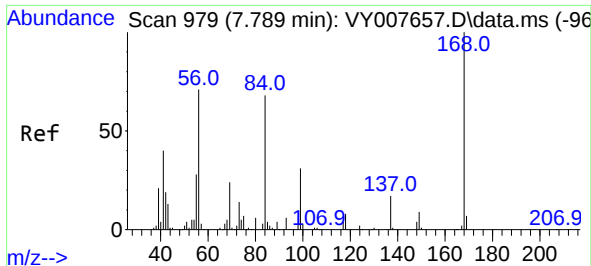
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
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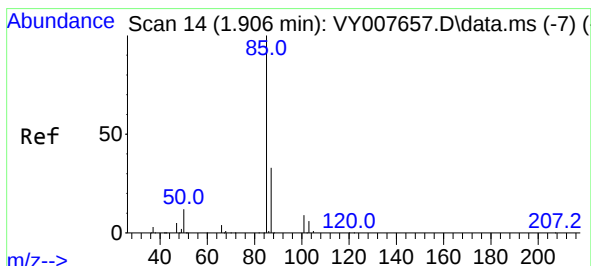
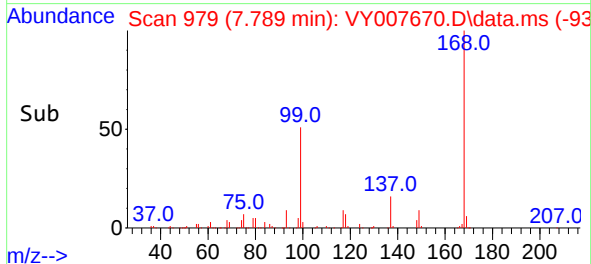
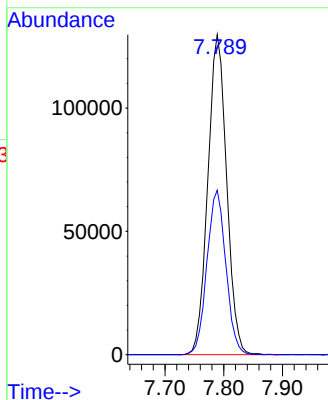
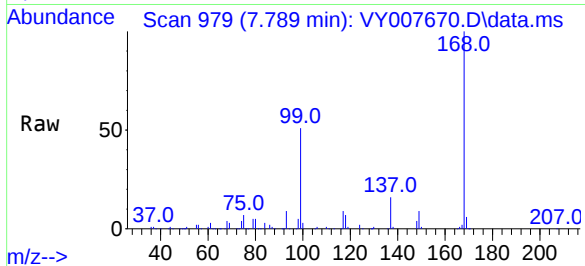




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

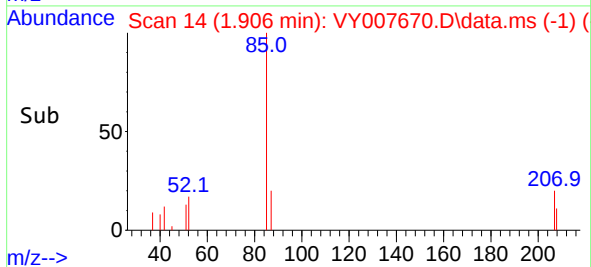
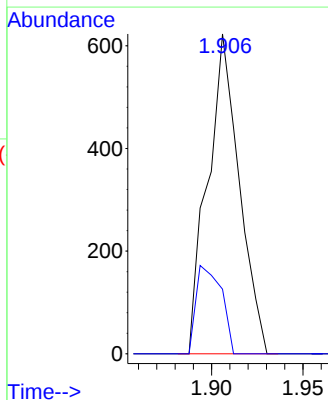
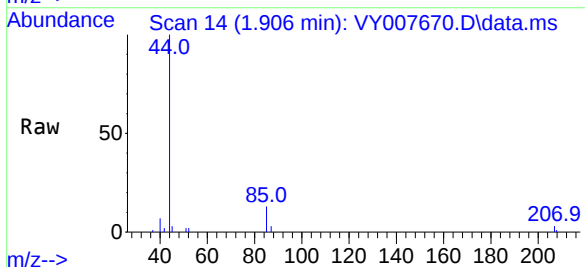
Instrument :
MSVOA_Y
ClientSampleId :
DUM-2

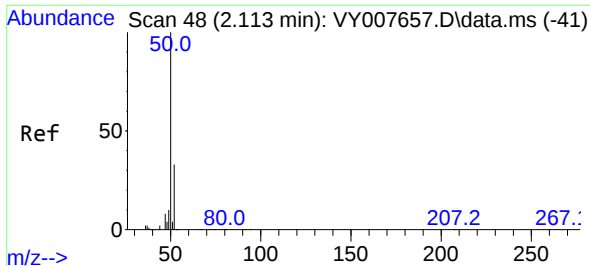
Tgt Ion:168 Resp: 288782
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 85 Resp: 748
Ion Ratio Lower Upper
85 100
87 20.2 16.1 48.2

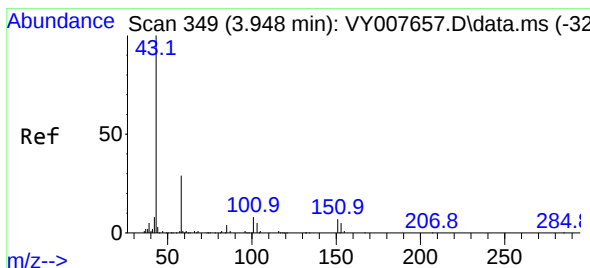
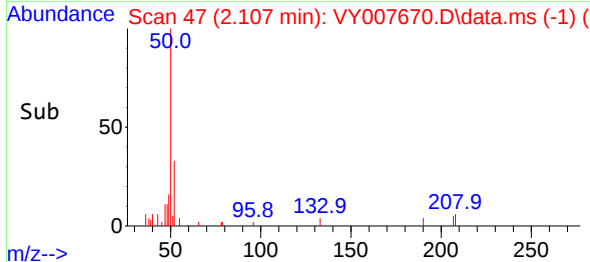
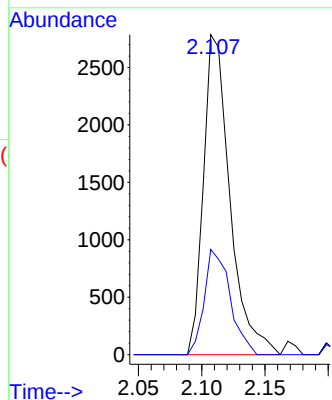
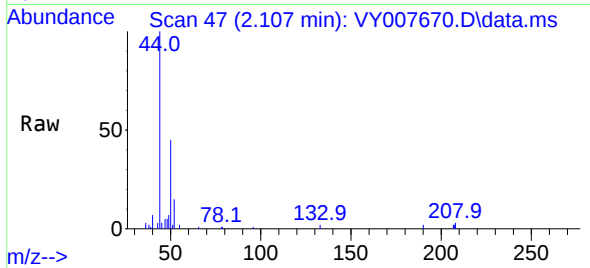




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

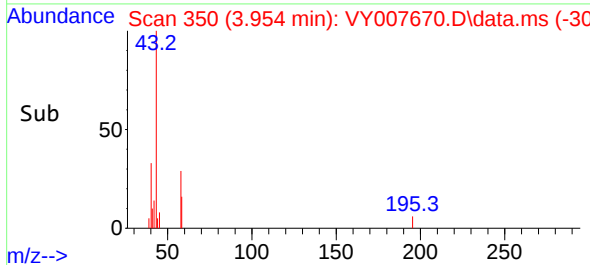
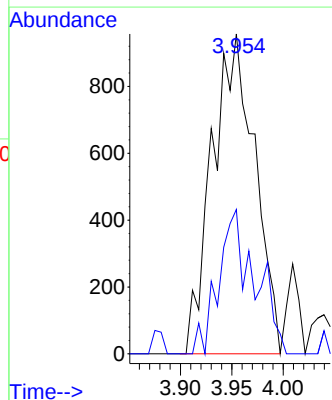
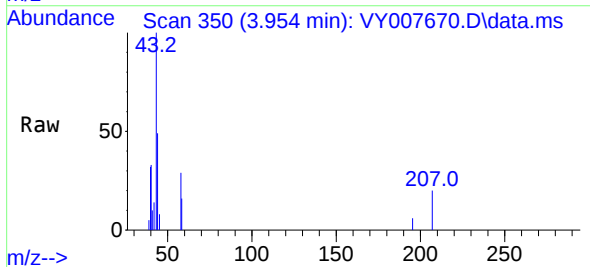
Instrument :
MSVOA_Y
ClientSampleId :
DUM-2

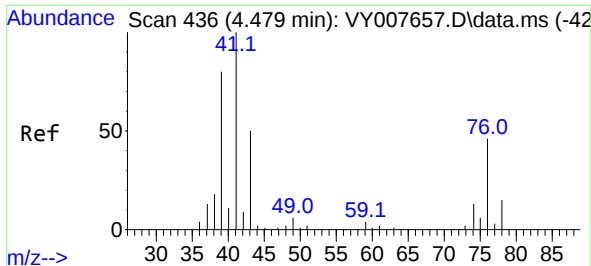
Tgt Ion: 50 Resp: 4060
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0



#16
Acetone
Concen: 4.501 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 43 Resp: 2768
Ion Ratio Lower Upper
43 100
58 45.1 22.0 33.0#

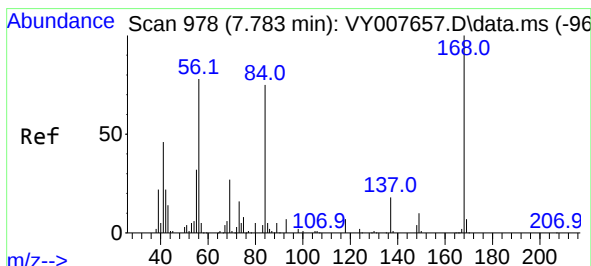
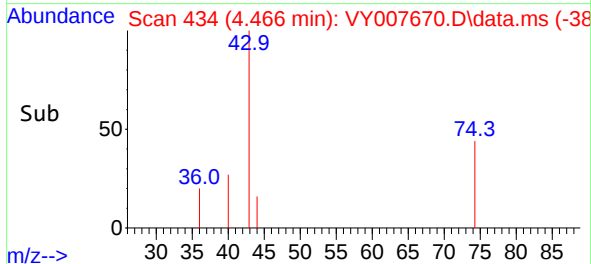
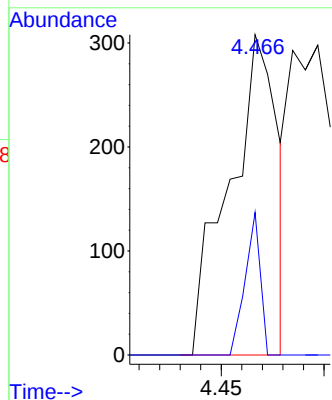
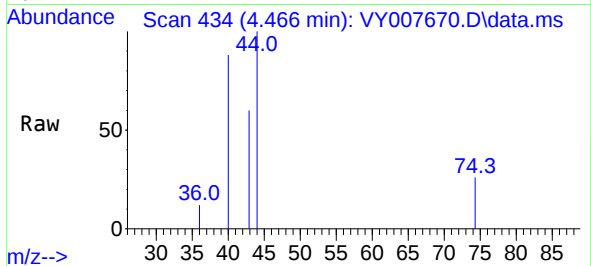




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

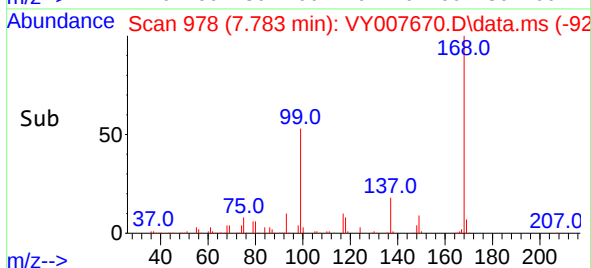
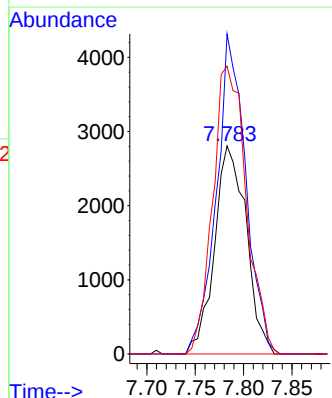
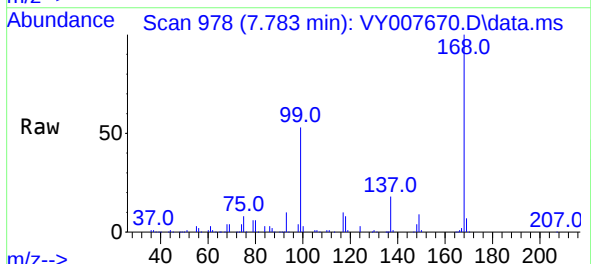
Instrument :
MSVOA_Y
ClientSampleId :
DUM-2

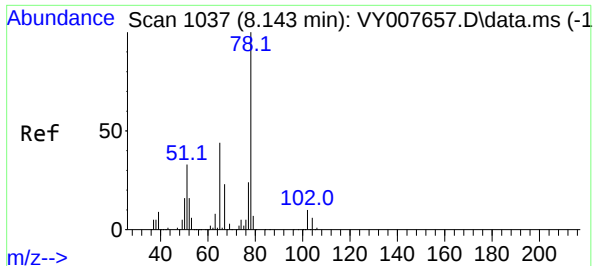
Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
74 14.1 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 56 Resp: 6410
Ion Ratio Lower Upper
56 100
69 153.8 26.7 40.1#
84 138.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.081 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007670.D

Acq: 01 Mar 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

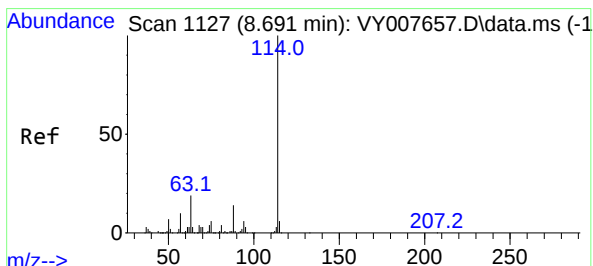
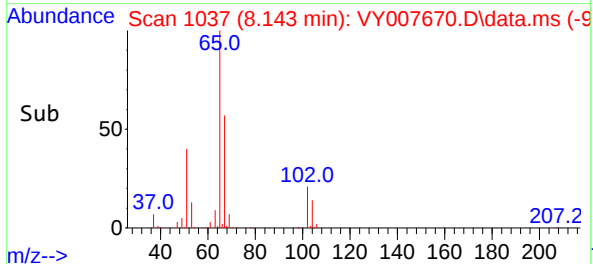
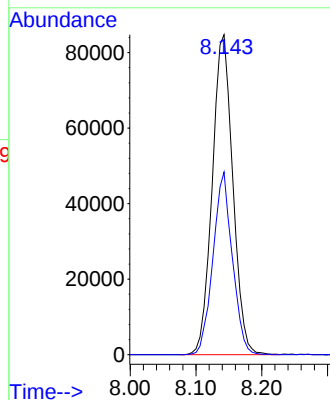
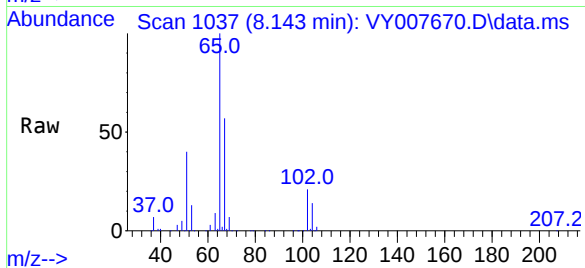
DUM-2

Tgt Ion: 65 Resp: 184666

Ion Ratio Lower Upper

65 100

67 53.6 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: VY007670.D

Acq: 01 Mar 2022 16:12

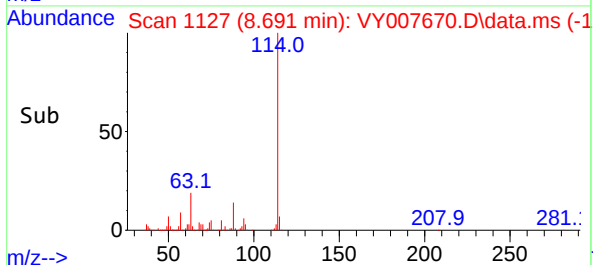
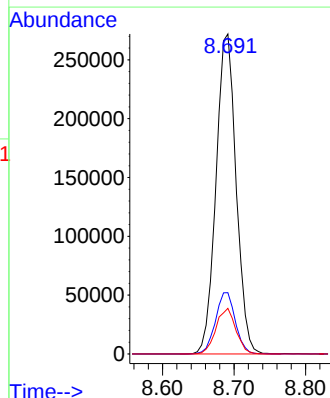
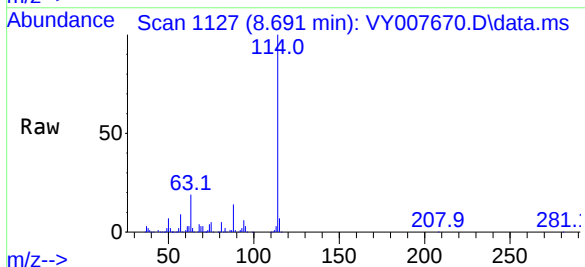
Tgt Ion:114 Resp: 531275

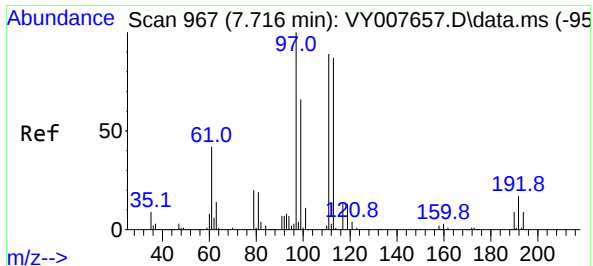
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.3 0.0 31.8

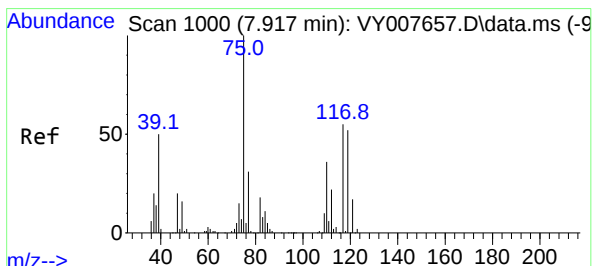
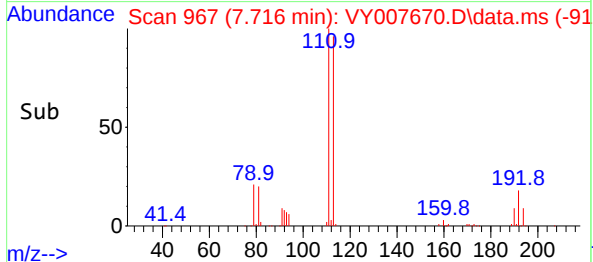
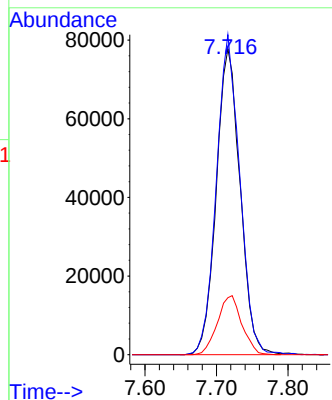
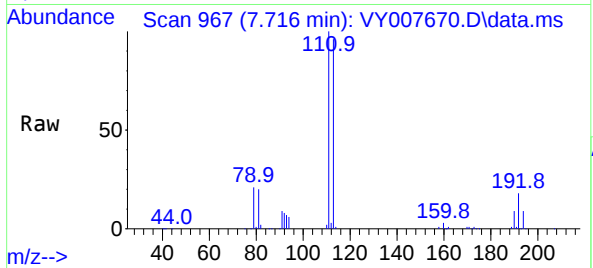




#35
Dibromofluoromethane
Concen: 52.961 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

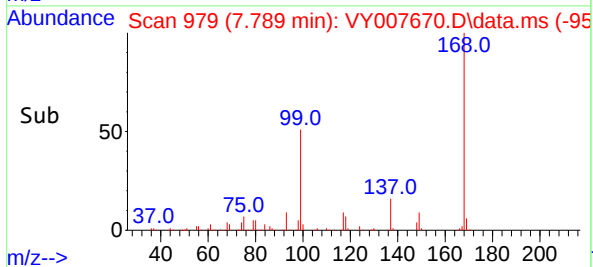
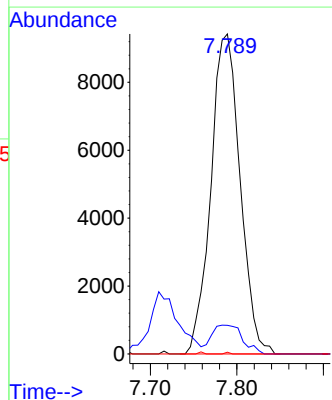
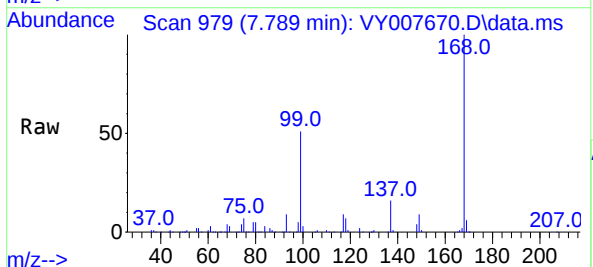
Instrument :
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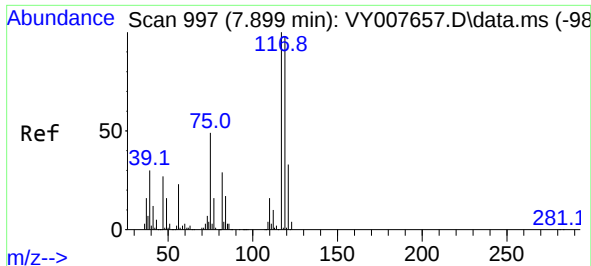
Tgt Ion:113 Resp: 179887
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.137 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 75 Resp: 22106
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.1 24.4 36.6#

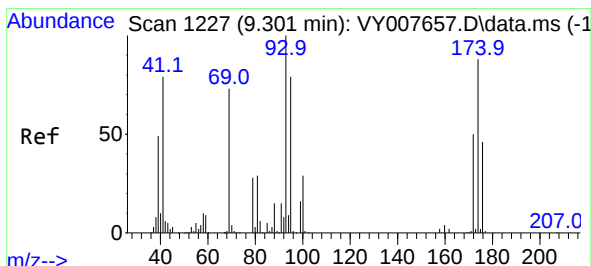
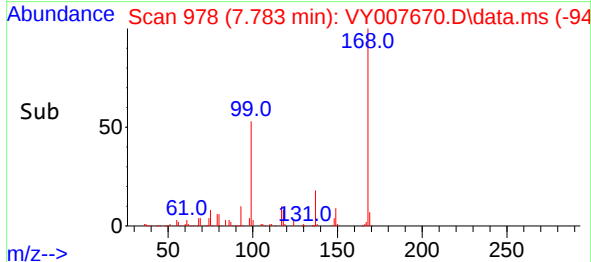
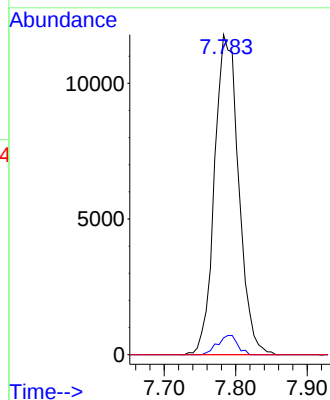
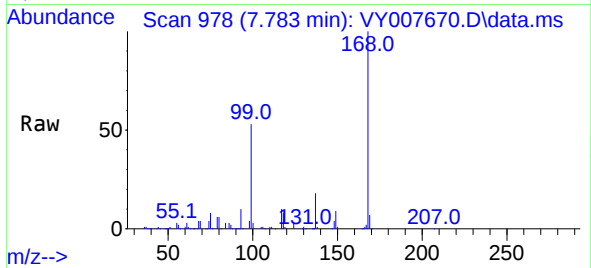




#38
Carbon Tetrachloride
Concen: 4.846 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

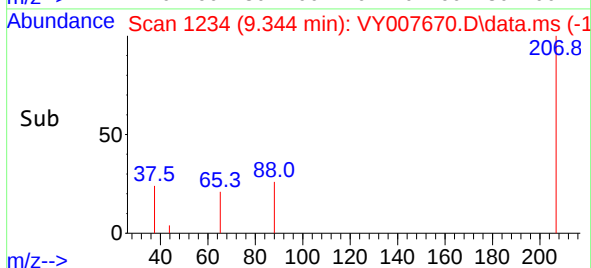
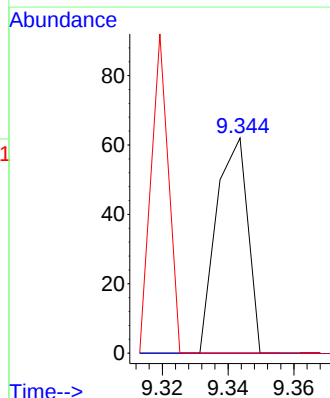
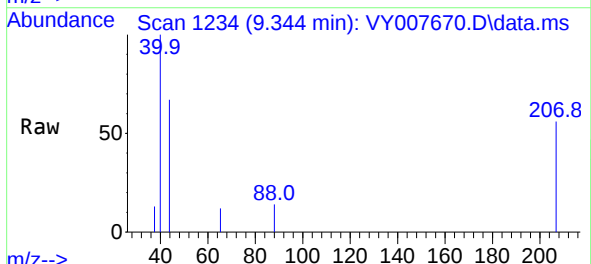
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DUM-2

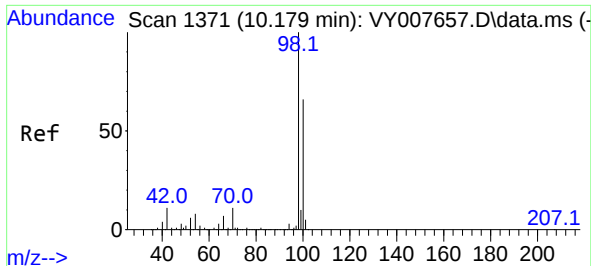
Tgt Ion:117 Resp: 27621
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 1.471 ug/l
RT: 9.344 min Scan# 1234
Delta R.T. 0.043 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 0.0 59.8 89.6#

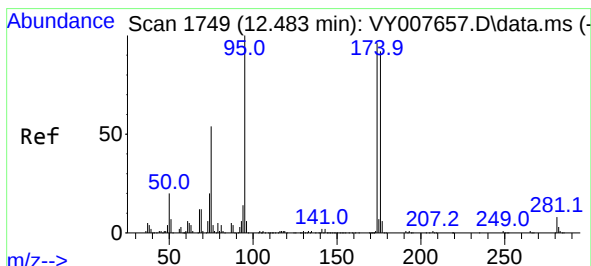
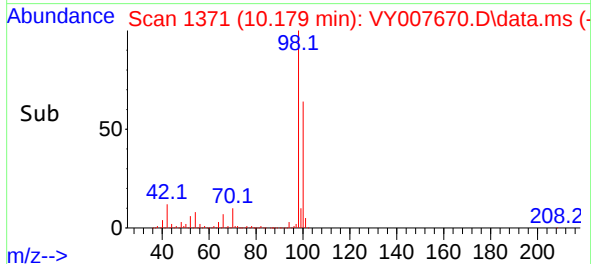
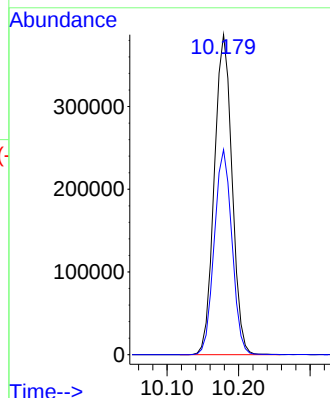
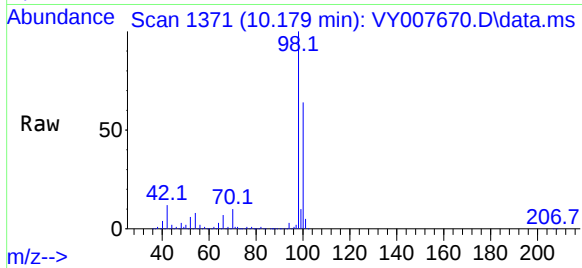




#50
Toluene-d8
Concen: 53.282 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

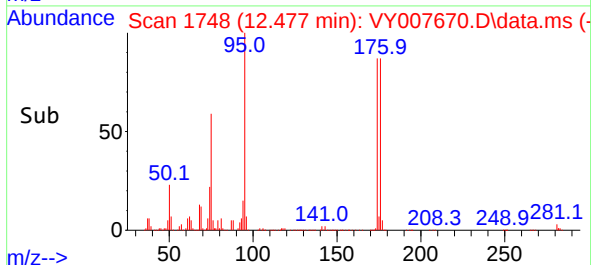
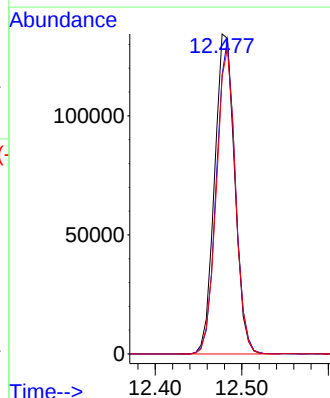
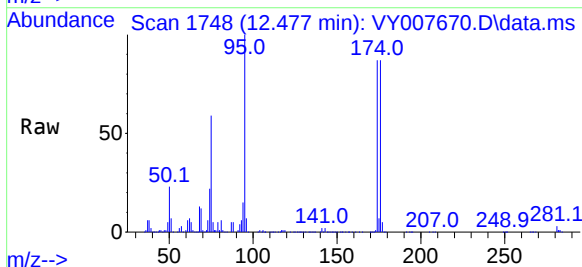
Instrument :
MSVOA_Y
ClientSampleId :
DUM-2

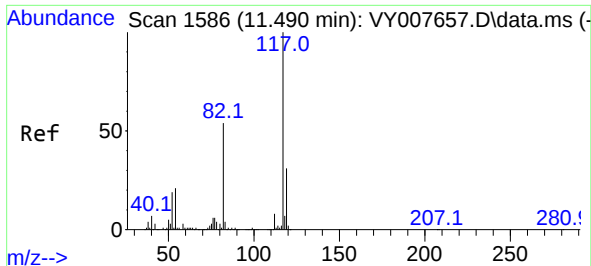
Tgt Ion: 98 Resp: 666190
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.802 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 95 Resp: 216837
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 90.2 0.0 175.8

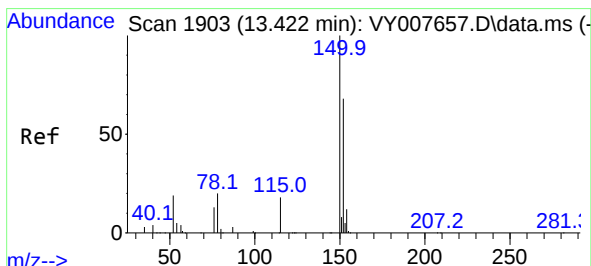
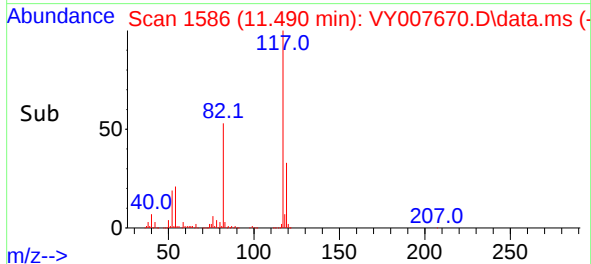
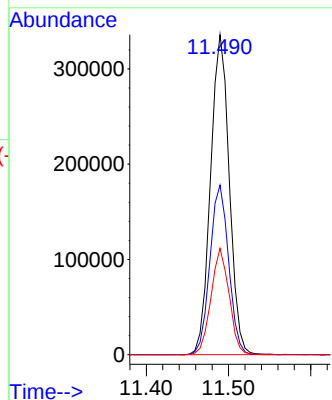
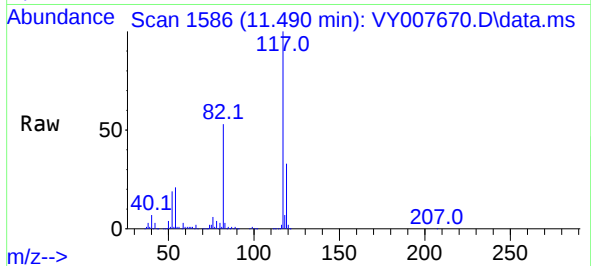




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

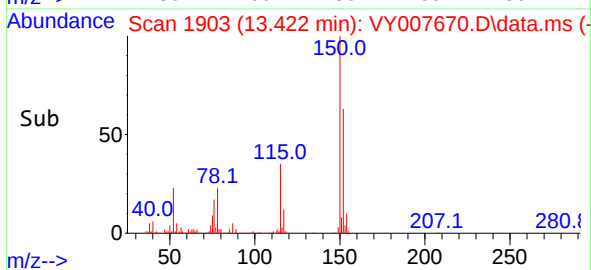
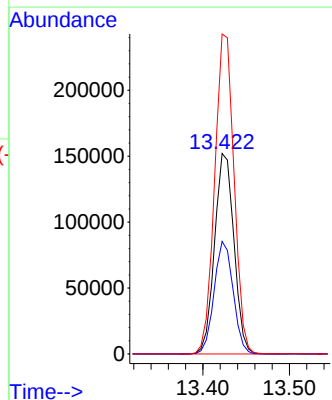
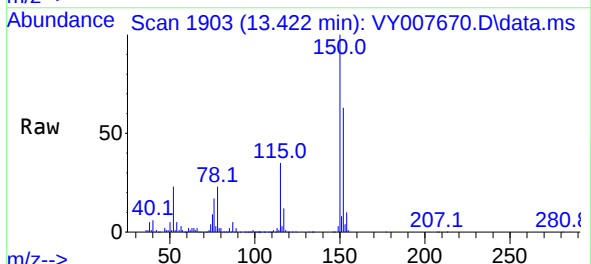
Instrument :
MSVOA_Y
ClientSampleId :
DUM-2

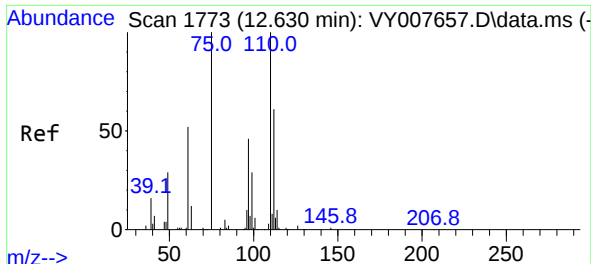
Tgt Ion:117 Resp: 531564
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Tgt Ion:152 Resp: 236611
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 159.3 0.0 347.6

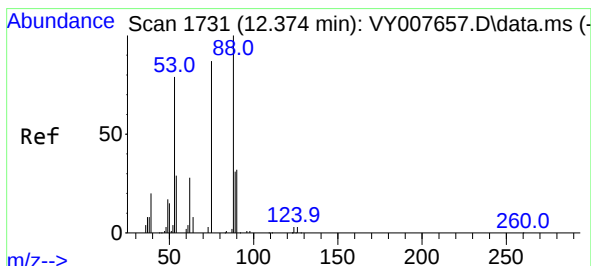
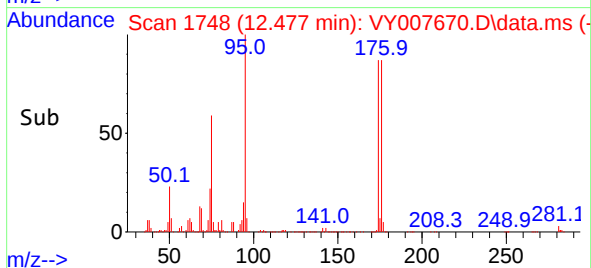
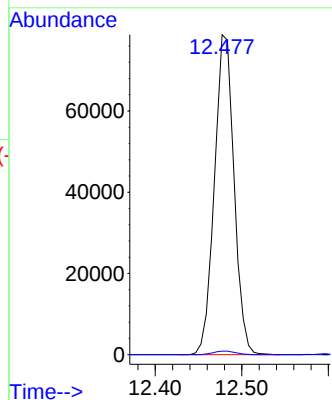
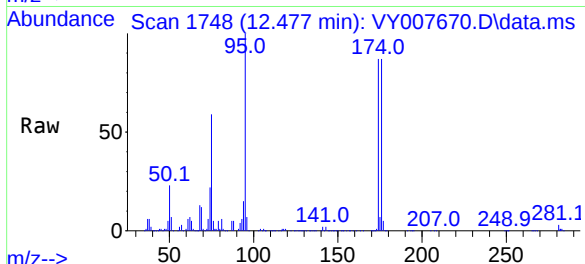




#76
1,2,3-Trichloropropane
Concen: 46.980 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :
DUM-2

Tgt Ion: 75 Resp: 124139
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.044 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 75 Resp: 124139
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

