

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007673.D
 Acq On : 01 Mar 2022 17:23
 Operator : SY/MD
 Sample : N1721-09
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-5

Quant Time: Mar 02 07:52:00 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)

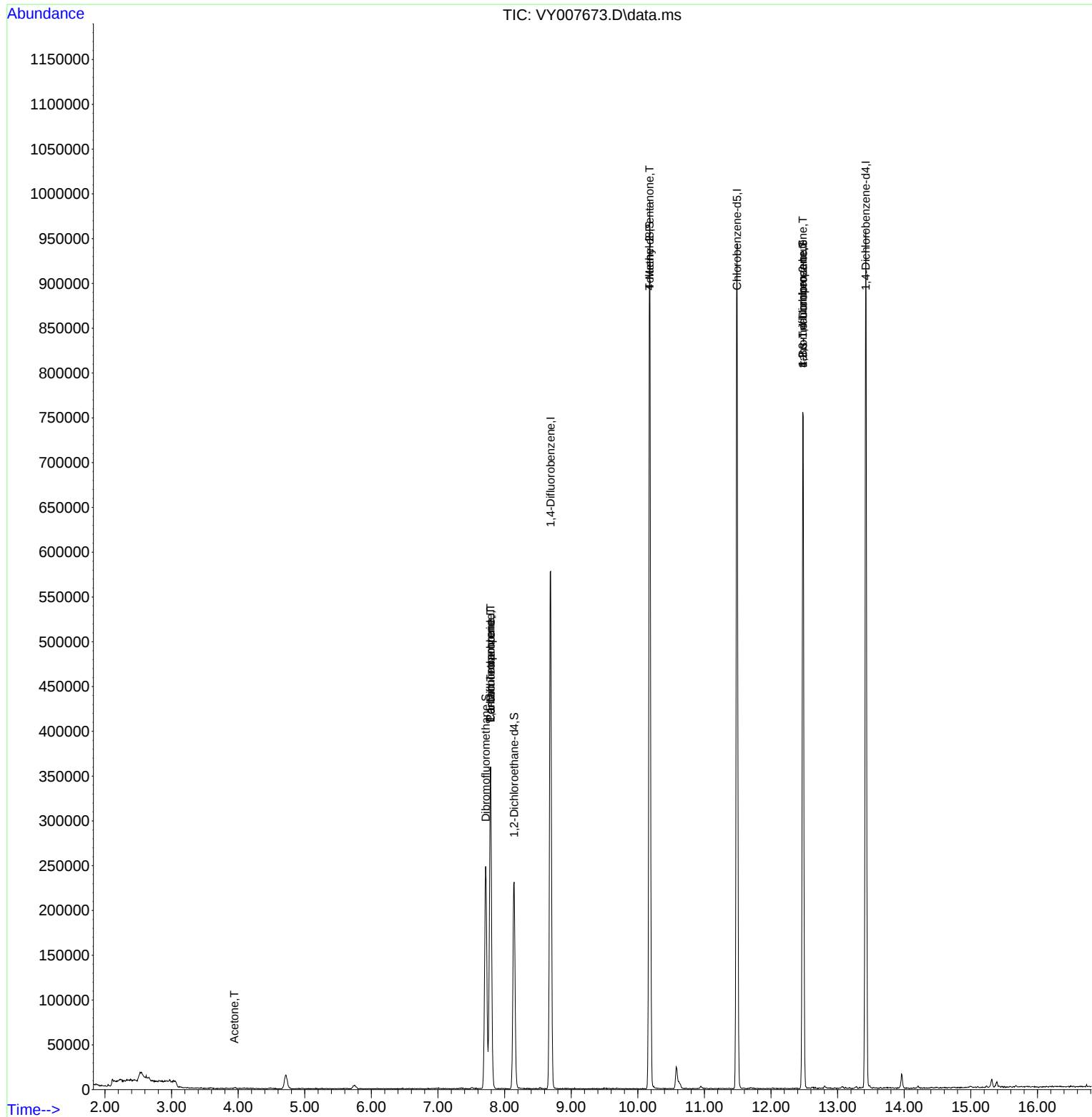
Internal Standards						
1) Pentafluorobenzene	7.789	168	280040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	501634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	503086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	236811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	178628	60.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.860%	
35) Dibromofluoromethane	7.715	113	169912	52.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.960%	
50) Toluene-d8	10.178	98	634306	53.730	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	12.477	95	208474	54.783	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	318	Below Cal	#	43
3) Chloromethane	2.107	50	3411	Below Cal		92
13) Acrolein	3.734	56	44	Below Cal		90
16) Acetone	3.942	43	1899	3.184	ug/l #	77
17) Carbon Disulfide	4.009	76	38	Below Cal	#	75
18) Methyl Acetate	4.484	43	1096	Below Cal	#	85
20) Methylene Chloride	4.716	84	11268	Below Cal	#	81
31) Cyclohexane	7.789	56	6452	Below Cal	#	39
36) 1,1-Dichloropropene	7.789	75	21641	4.290	ug/l #	50
38) Carbon Tetrachloride	7.789	117	26230	4.874	ug/l #	16
51) 4-Methyl-2-Pentanone	10.178	43	3146	1.141	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	118687	44.879	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	118687	91.749	ug/l #	7

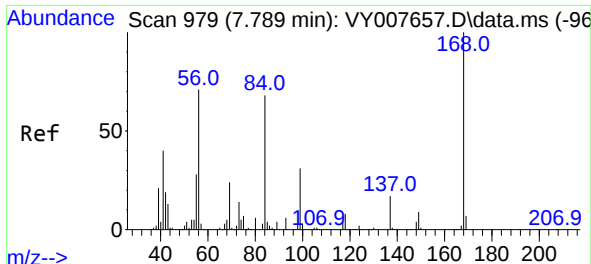
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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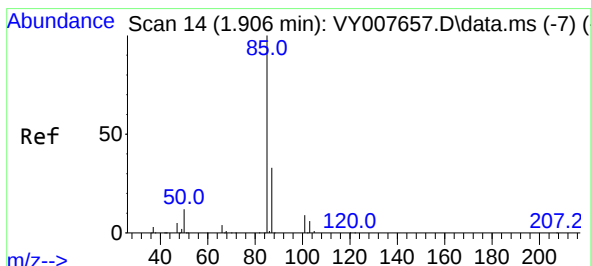
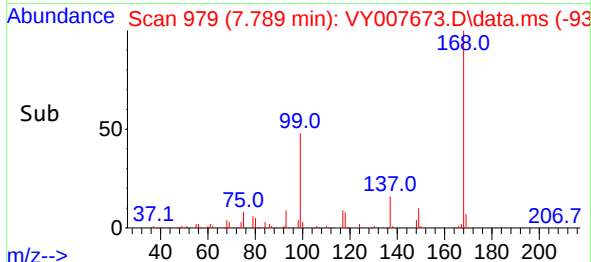
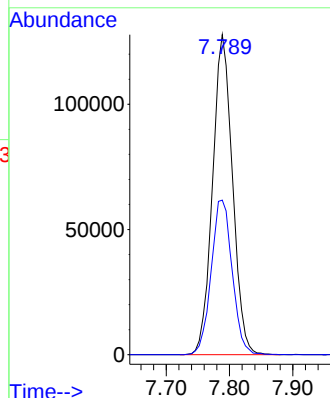
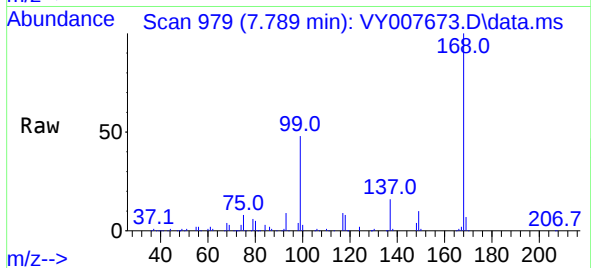




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

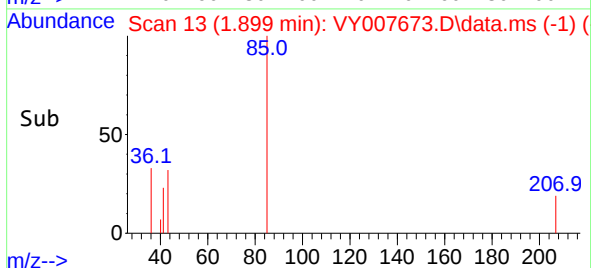
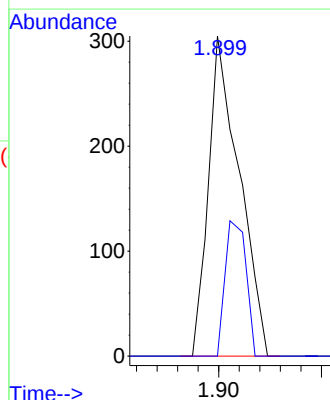
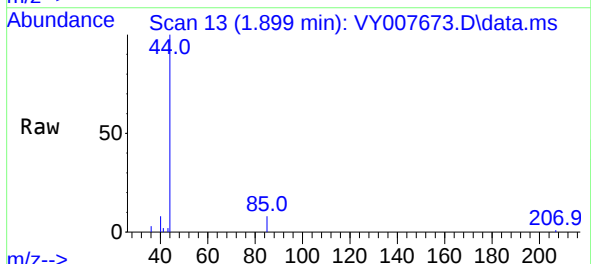
Instrument :
MSVOA_Y
ClientSampleId :
DUM-5

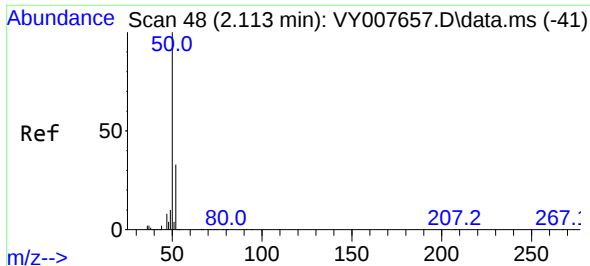
Tgt Ion:168 Resp: 280040
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Tgt Ion: 85 Resp: 318
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

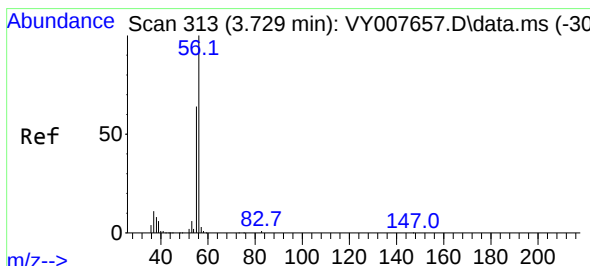
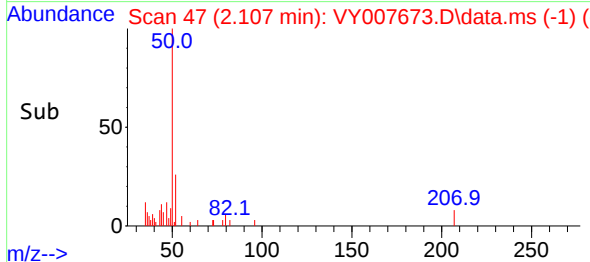
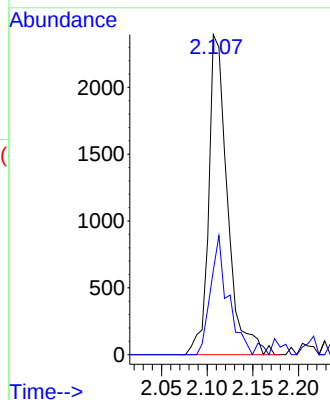
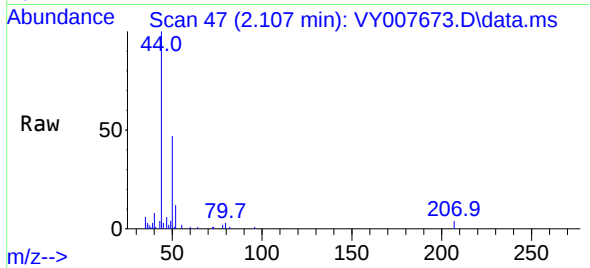




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

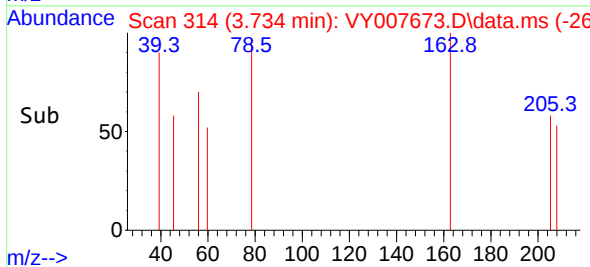
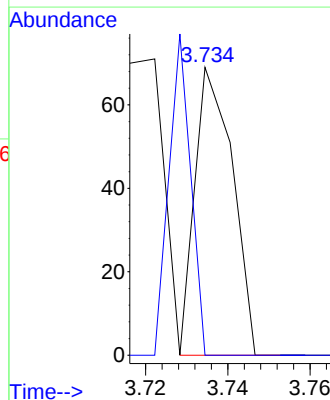
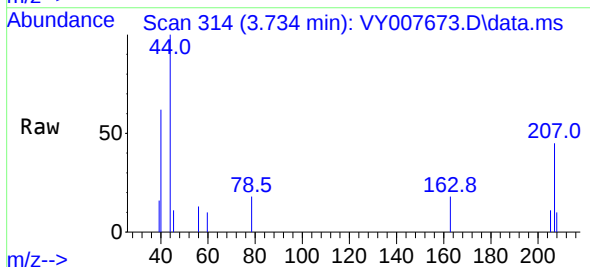
Instrument :
MSVOA_Y
ClientSampleId :
DUM-5

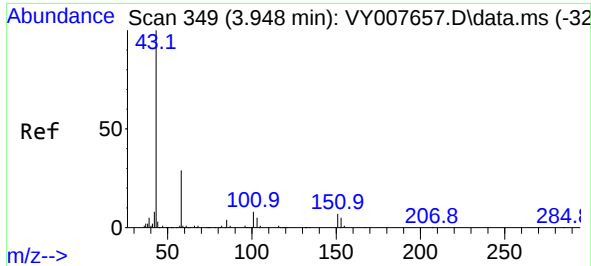
Tgt Ion: 50 Resp: 3411
Ion Ratio Lower Upper
50 100
52 26.4 24.6 37.0



#13
Acrolein
Concen: Below Cal
RT: 3.734 min Scan# 314
Delta R.T. 0.005 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 63.6 57.6 86.4





#16

Acetone

Concen: 3.184 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY007673.D

Acq: 01 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

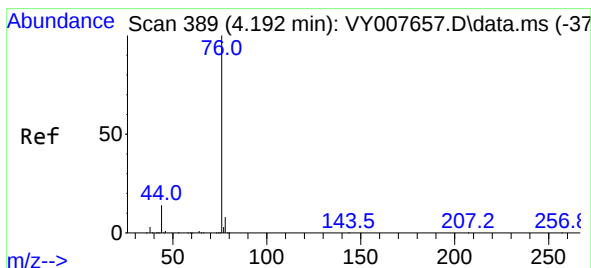
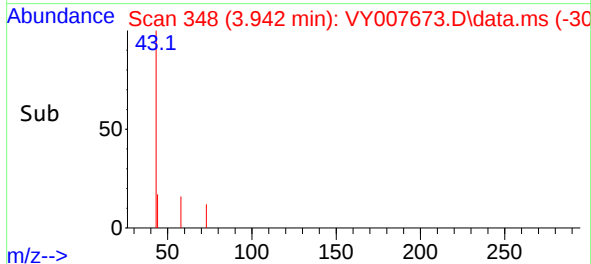
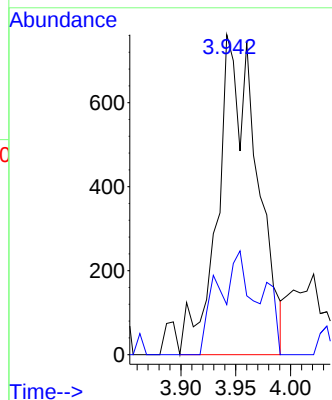
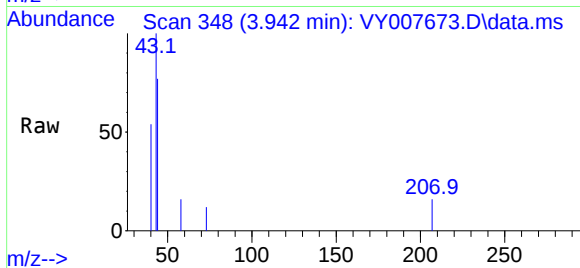
DUM-5

Tgt Ion: 43 Resp: 1899

Ion Ratio Lower Upper

43 100

58 15.6 22.0 33.0#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.009 min Scan# 359

Delta R.T. -0.183 min

Lab File: VY007673.D

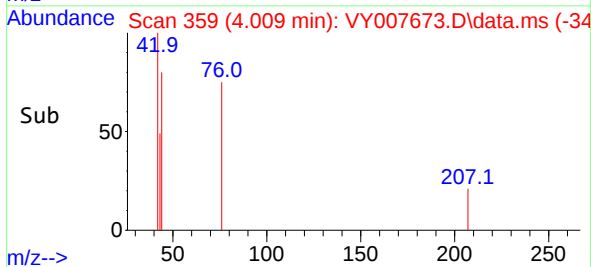
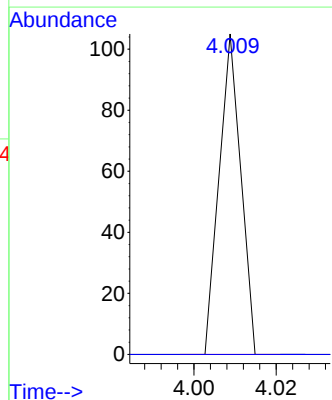
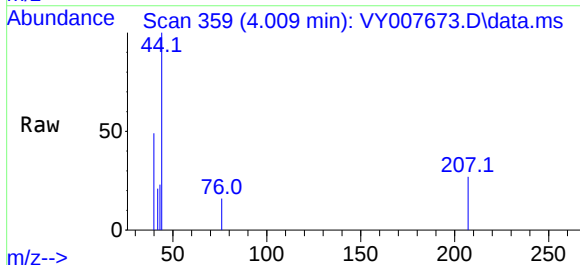
Acq: 01 Mar 2022 17:23

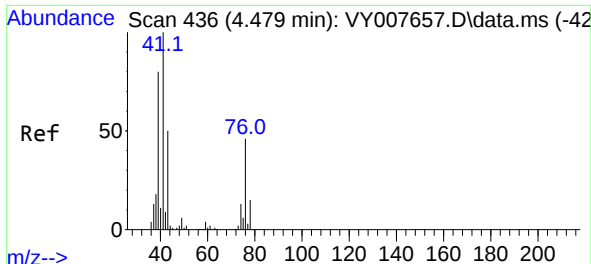
Tgt Ion: 76 Resp: 38

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

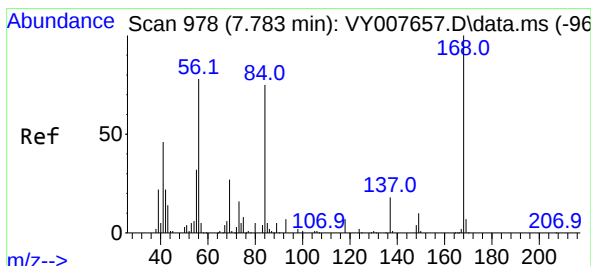
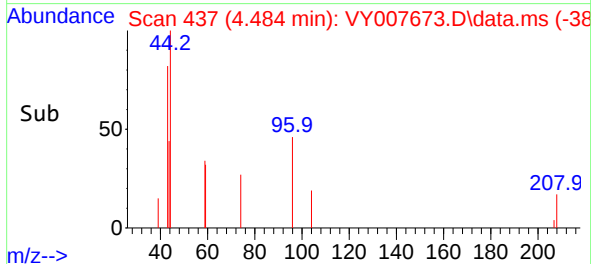
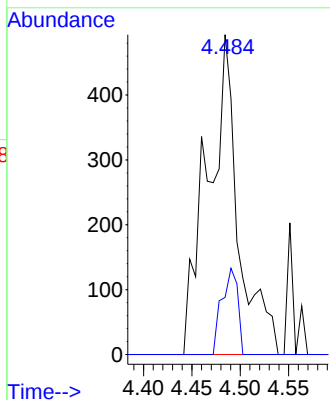
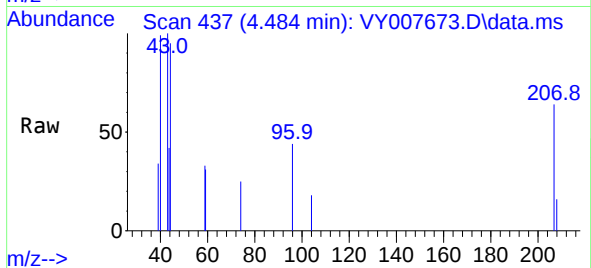




#18
Methyl Acetate
Concen: Below Cal
RT: 4.484 min Scan# 41
Delta R.T. 0.005 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

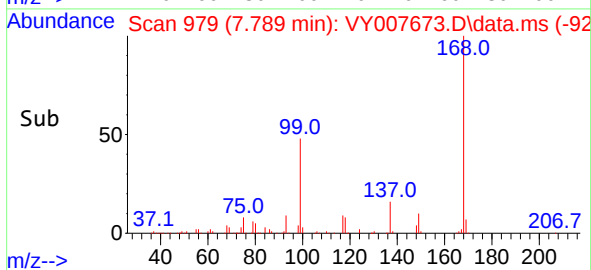
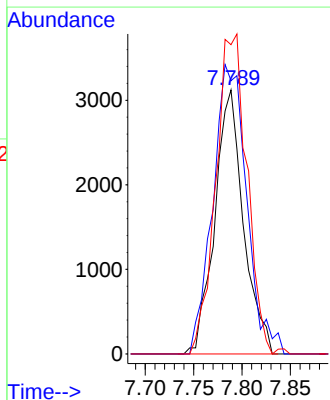
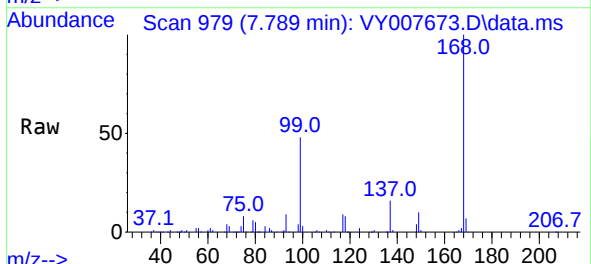
Instrument :
MSVOA_Y
ClientSampleId :
DUM-5

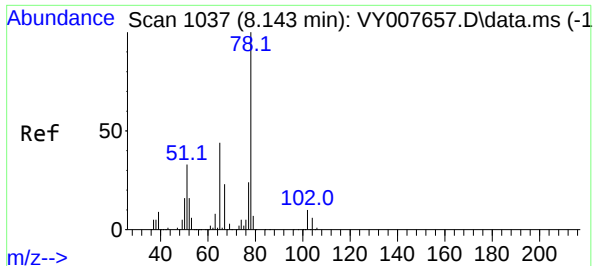
Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
74 13.8 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Tgt Ion: 56 Resp: 6452
Ion Ratio Lower Upper
56 100
69 103.5 26.7 40.1#
84 117.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.929 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY007673.D

Acq: 01 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

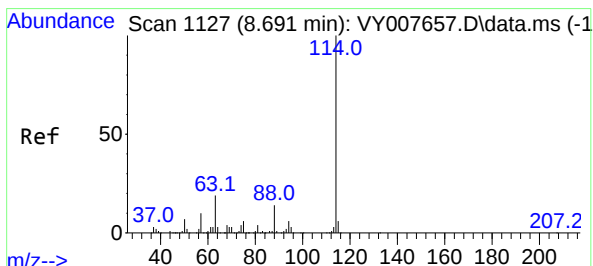
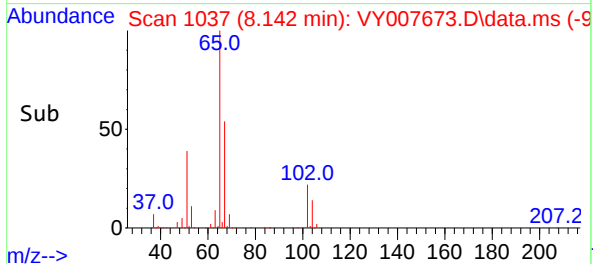
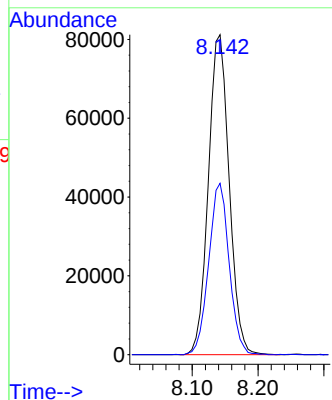
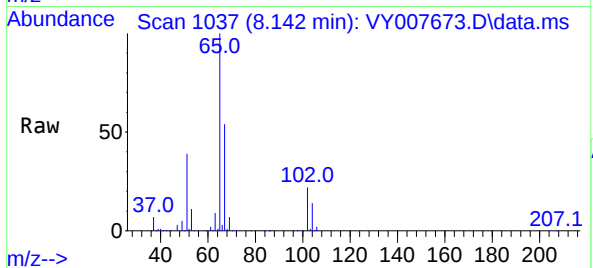
DUM-5

Tgt Ion: 65 Resp: 178628

Ion Ratio Lower Upper

65 100

67 52.7 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: VY007673.D

Acq: 01 Mar 2022 17:23

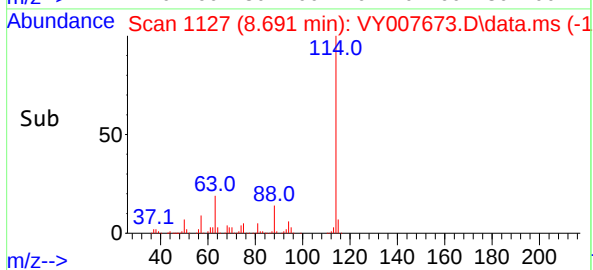
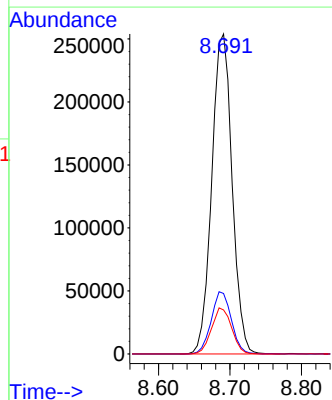
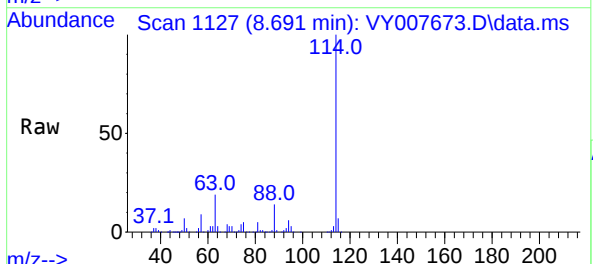
Tgt Ion: 114 Resp: 501634

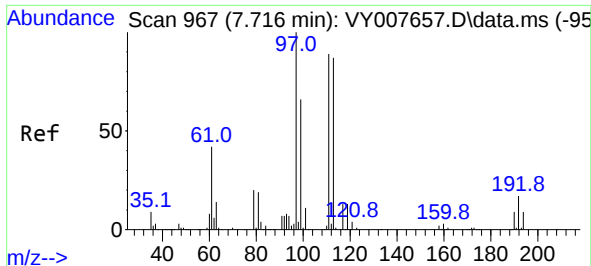
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 13.7 0.0 31.8

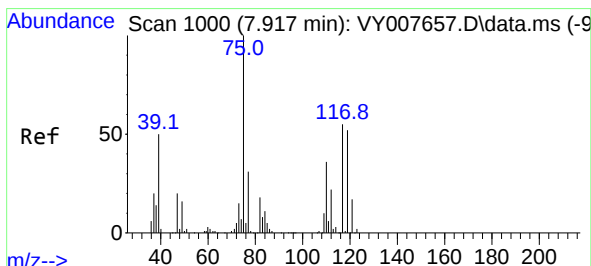
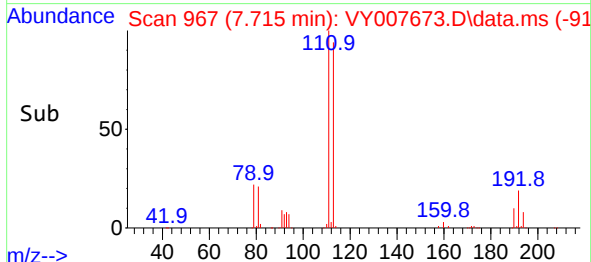
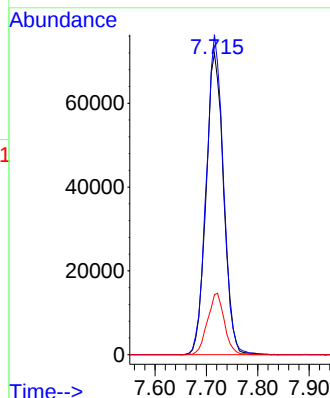
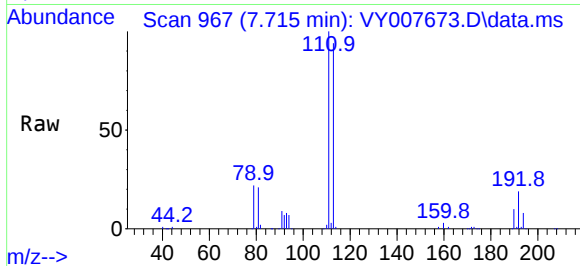




#35
Dibromofluoromethane
Concen: 52.980 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

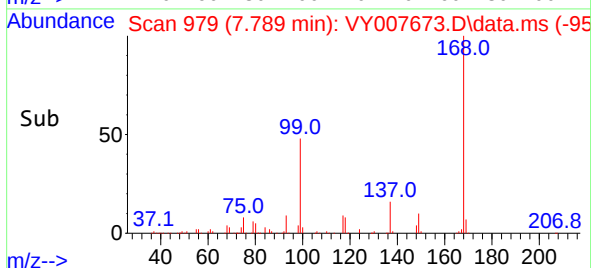
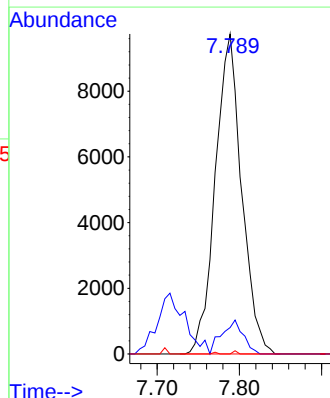
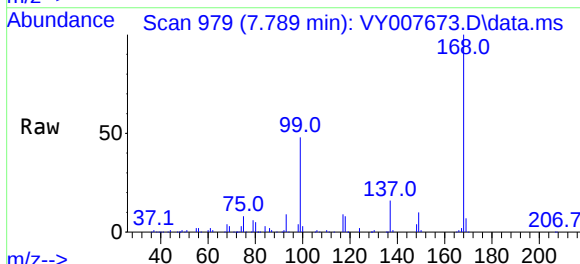
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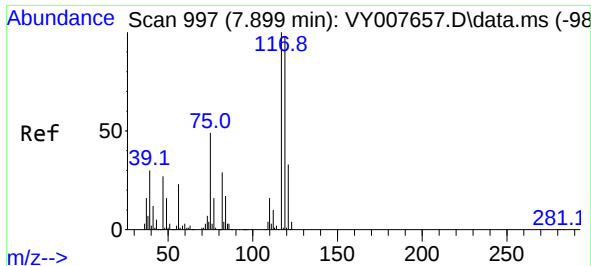
Tgt Ion:113 Resp: 169912
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.290 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Tgt Ion: 75 Resp: 21641
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.2 24.4 36.6#

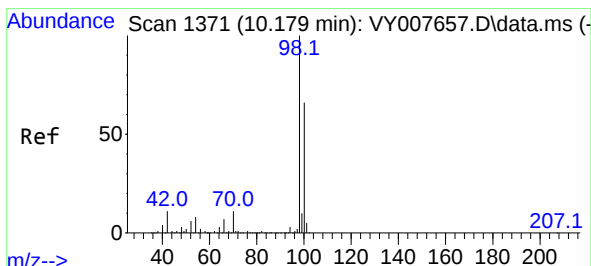
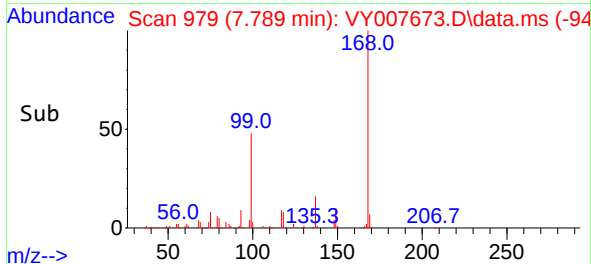
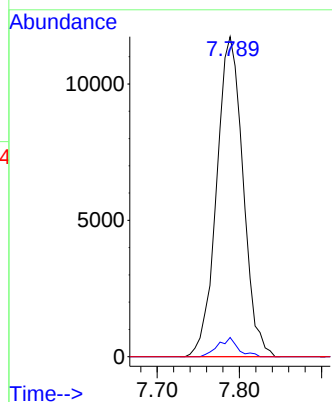
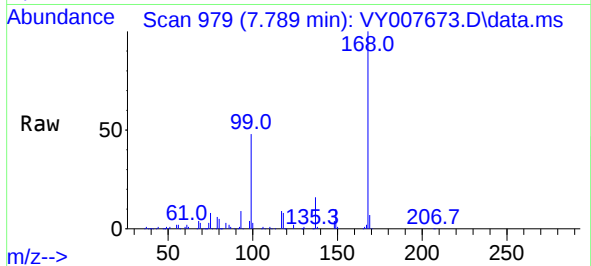




#38
Carbon Tetrachloride
Concen: 4.874 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

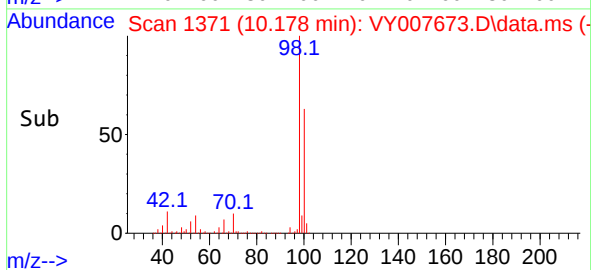
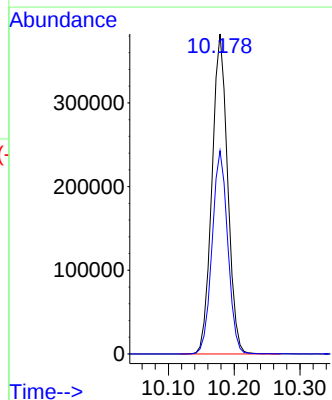
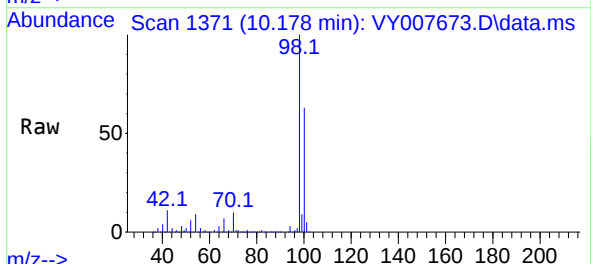
Instrument :
MSVOA_Y
ClientSampleId :
DUM-5

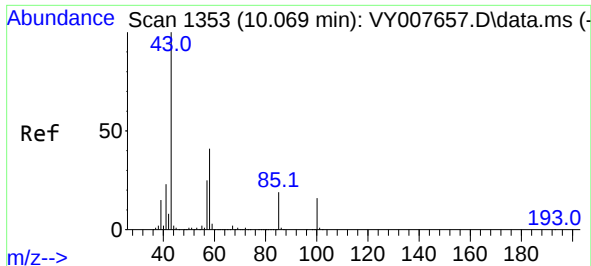
Tgt Ion:117 Resp: 26230
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.730 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Tgt Ion: 98 Resp: 634306
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

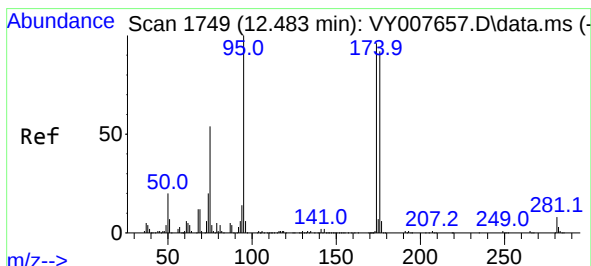
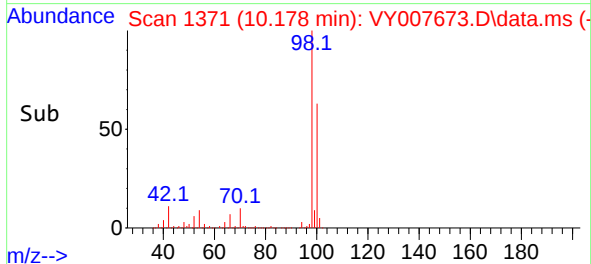
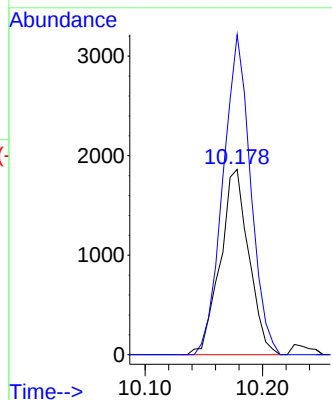
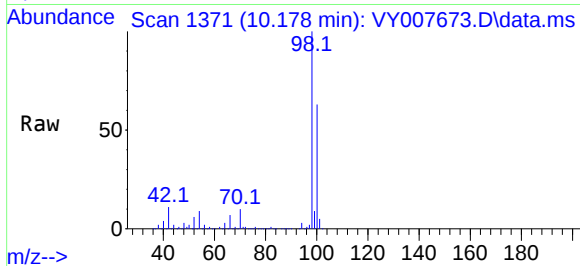




#51
4-Methyl-2-Pentanone
Concen: 1.141 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.109 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

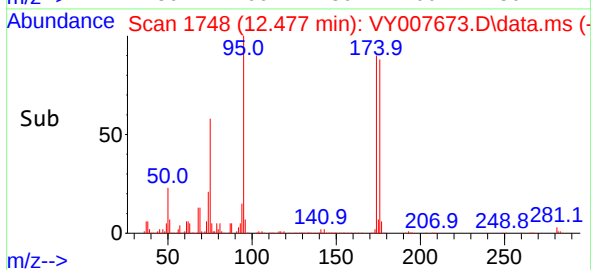
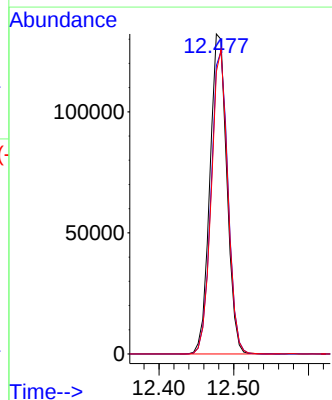
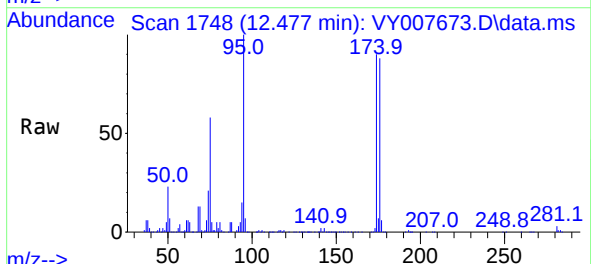
Instrument :
MSVOA_Y
ClientSampleId :
DUM-5

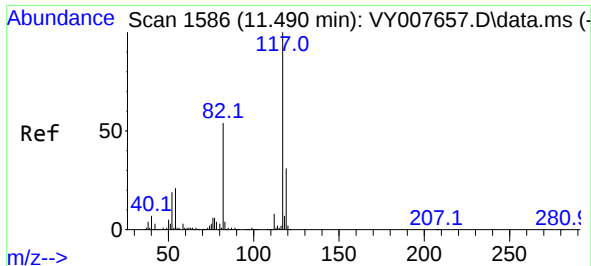
Tgt Ion: 43 Resp: 3146
Ion Ratio Lower Upper
43 100
58 167.4 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 54.783 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Tgt Ion: 95 Resp: 208474
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 92.1 0.0 175.8

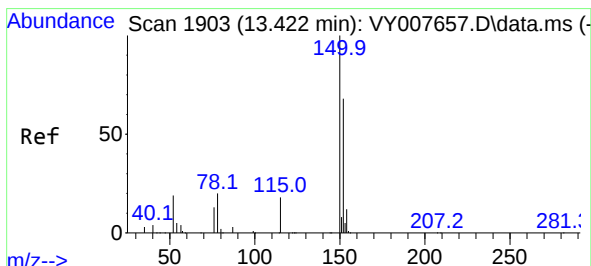
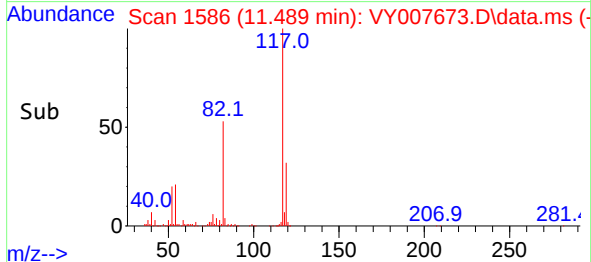
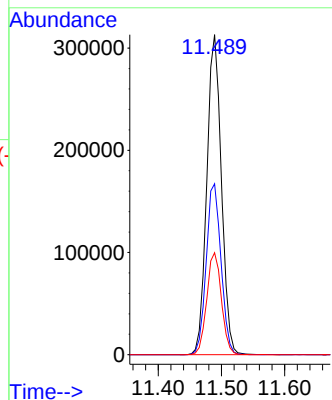
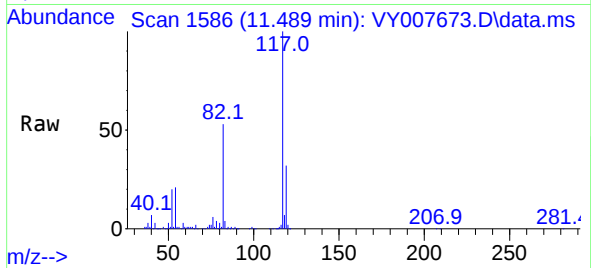




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

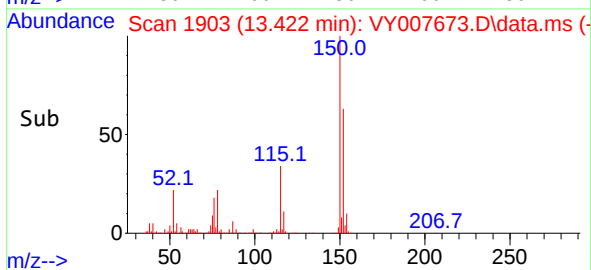
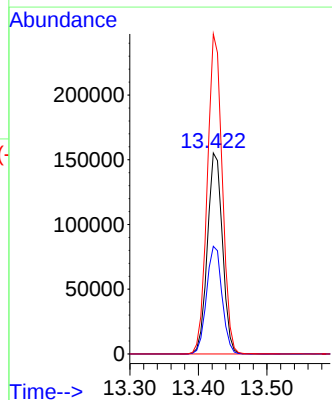
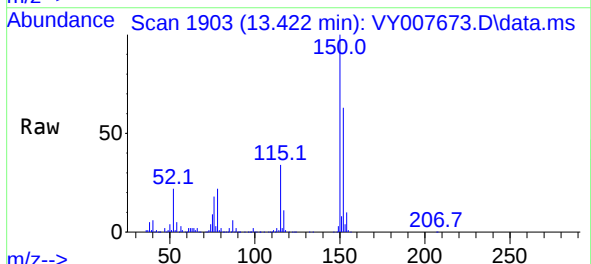
Instrument :
MSVOA_Y
ClientSampleId :
DUM-5

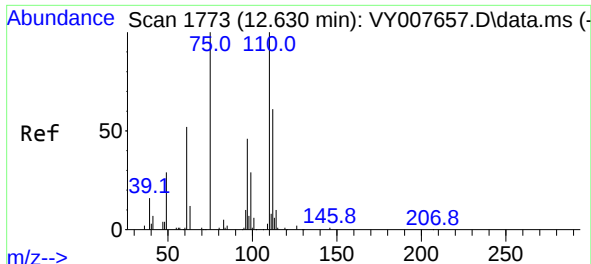
Tgt Ion:117 Resp: 503086
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Tgt Ion:152 Resp: 236811
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 158.1 0.0 347.6

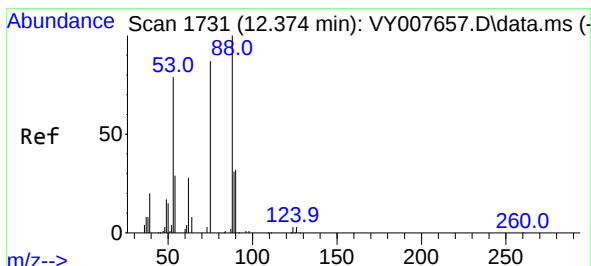
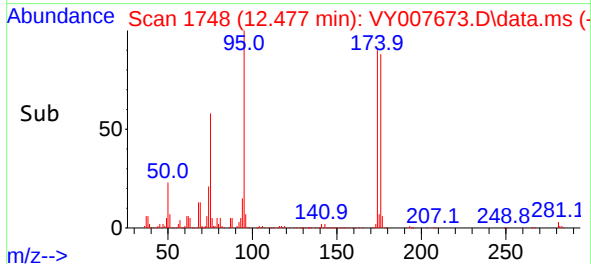
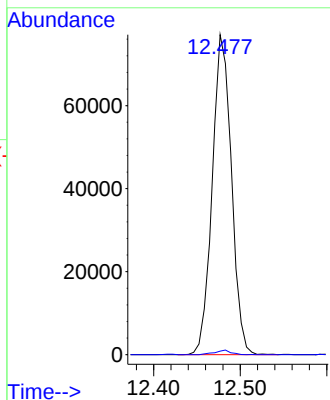
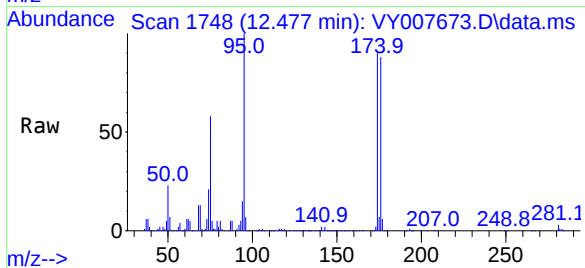




#76
1,2,3-Trichloropropane
Concen: 44.879 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Instrument :
MSVOA_Y
ClientSampleId :
DUM-5

Tgt Ion: 75 Resp: 118687
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.749 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Tgt Ion: 75 Resp: 118687
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#

