

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY007991.D
 Acq On : 22 Mar 2022 10:31
 Operator : SY/MD
 Sample : VY0322SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0322SBL01

Quant Time: Mar 23 05:04:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

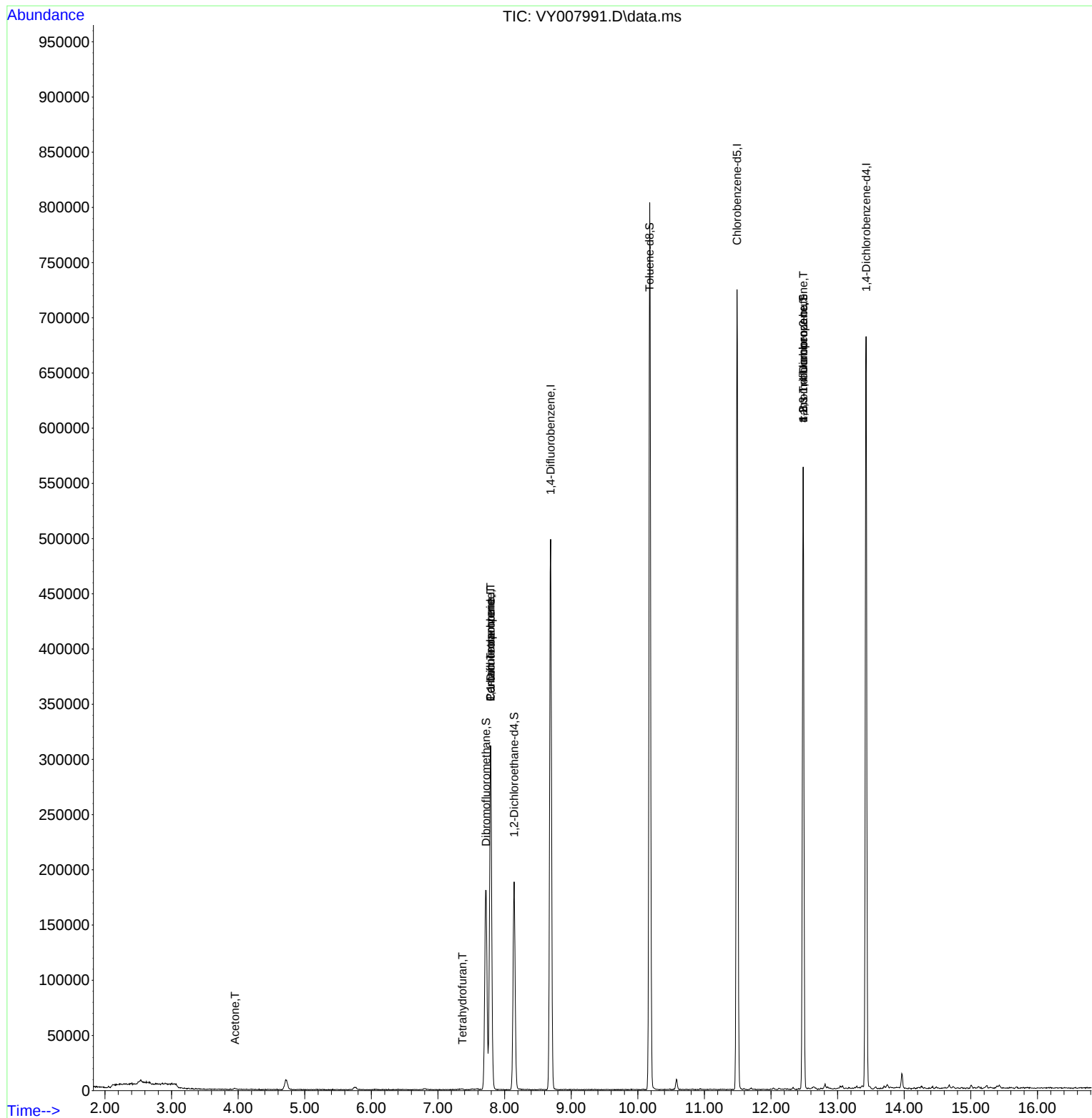
Internal Standards						
1) Pentafluorobenzene	7.789	168	225424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	428293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	393803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	141200	54.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.880%	
35) Dibromofluoromethane	7.722	113	129985	43.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.420%	
50) Toluene-d8	10.179	98	528249	59.247	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.500%	
62) 4-Bromofluorobenzene	12.483	95	179571	41.598	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	52	Below Cal	#	43
3) Chloromethane	2.119	50	772	Below Cal	#	85
4) Vinyl Chloride	2.253	62	195	Below Cal	#	43
5) Bromomethane	2.650	94	157	Below Cal	#	61
16) Acetone	3.954	43	1960	2.875	ug/l	95
17) Carbon Disulfide	4.210	76	98	Below Cal	#	75
18) Methyl Acetate	4.466	43	83	Below Cal	#	56
20) Methylene Chloride	4.729	84	6755	Below Cal	#	71
29) Tetrahydrofuran	7.368	42	818	1.169	ug/l	# 49
31) Cyclohexane	7.789	56	5428	Below Cal	#	4
36) 1,1-Dichloropropene	7.789	75	19983	4.479	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	23632	4.957	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	95581	41.015	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	95581	86.148	ug/l	# 7

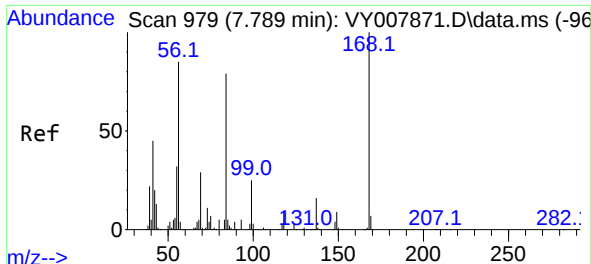
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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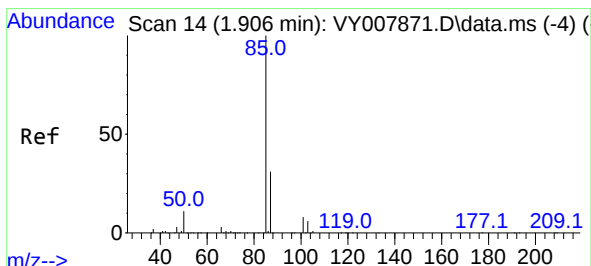
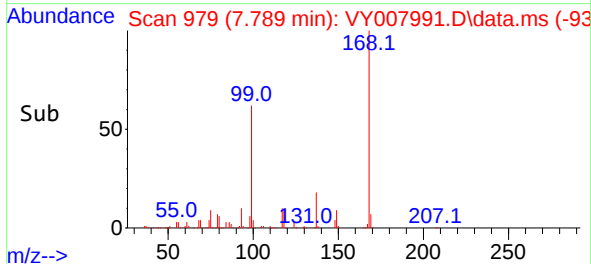
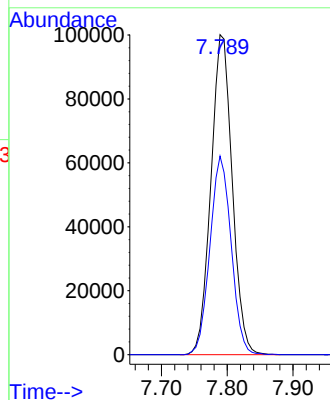
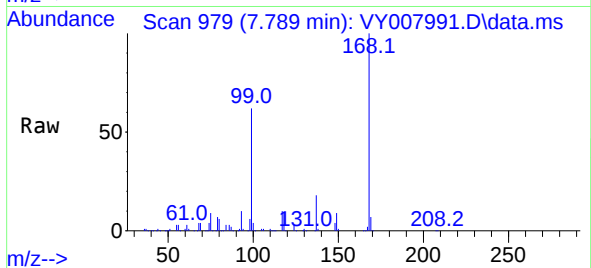




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

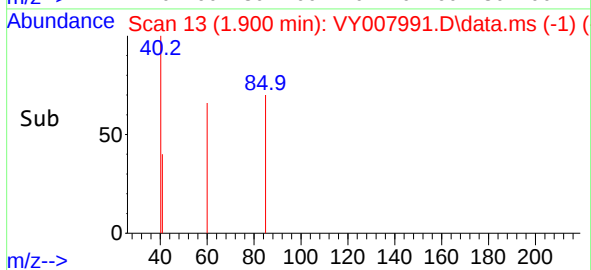
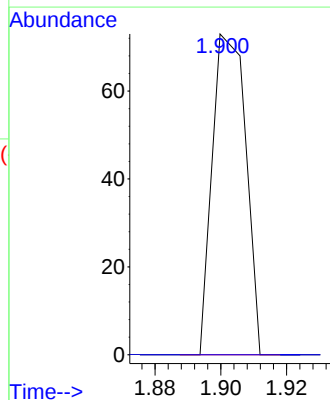
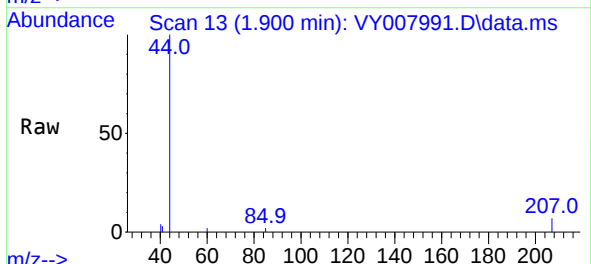
Instrument :
MSVOA_Y
ClientSampleId :
VY0322SBL01

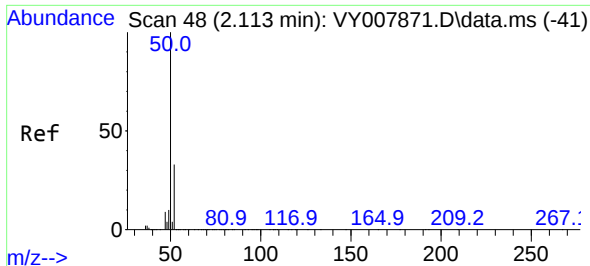
Tgt Ion:168 Resp: 225424
Ion Ratio Lower Upper
168 100
99 62.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

Tgt Ion: 85 Resp: 52
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

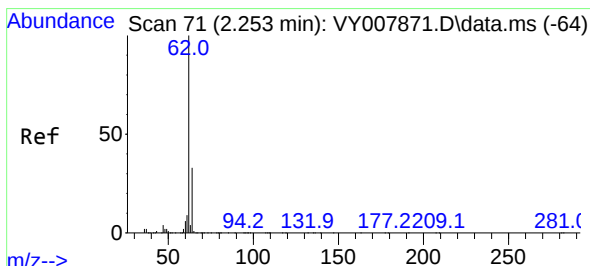
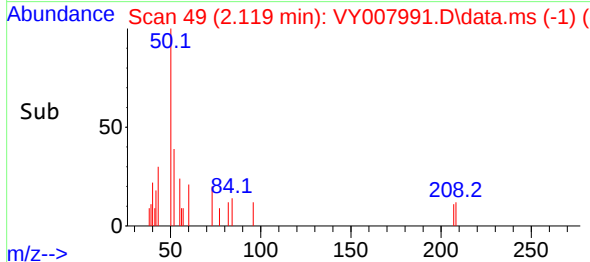
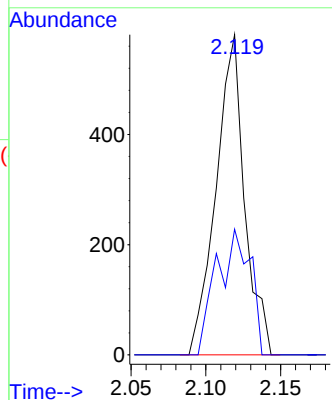
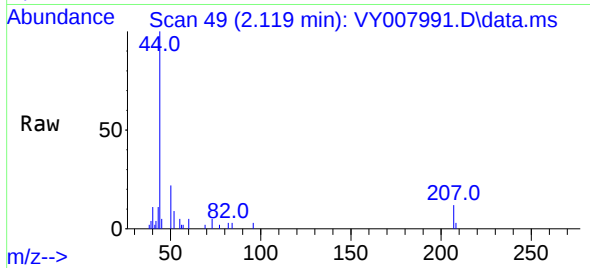




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

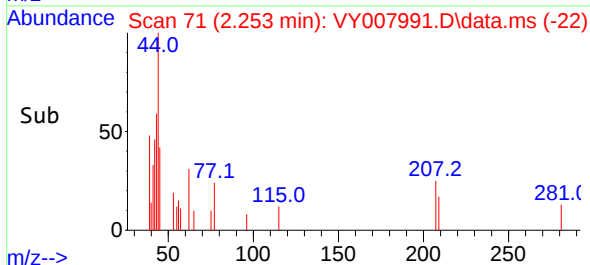
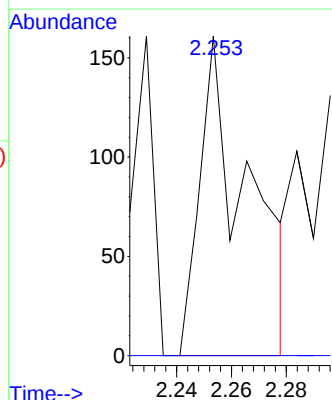
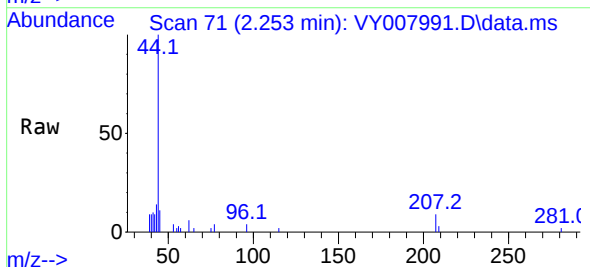
Instrument :
MSVOA_Y
ClientSampleId :
VY0322SBL01

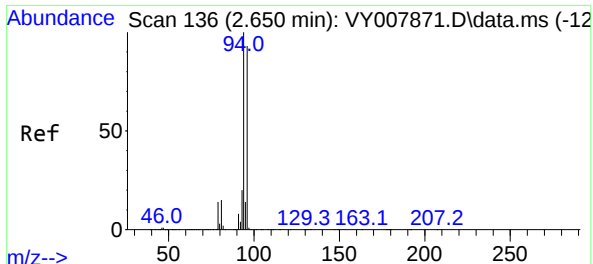
Tgt Ion: 50 Resp: 772
Ion Ratio Lower Upper
50 100
52 39.2 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

Tgt Ion: 62 Resp: 195
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

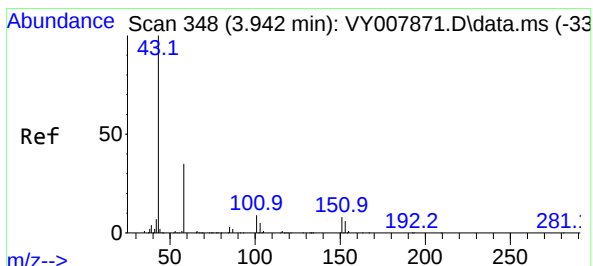
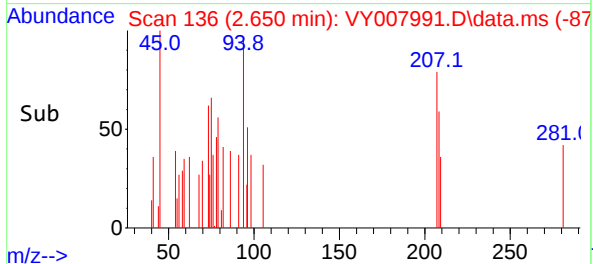
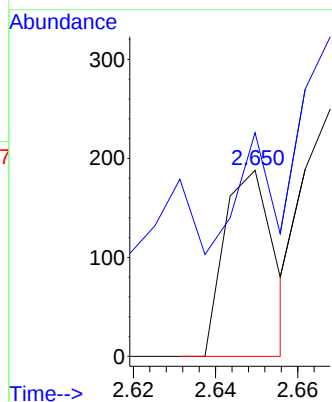
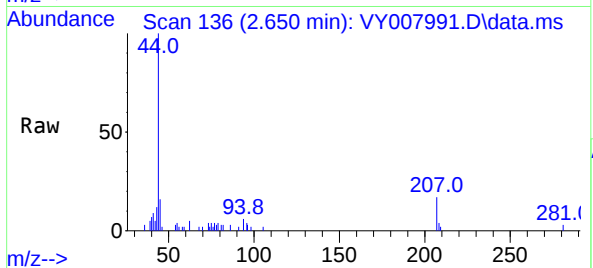




#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

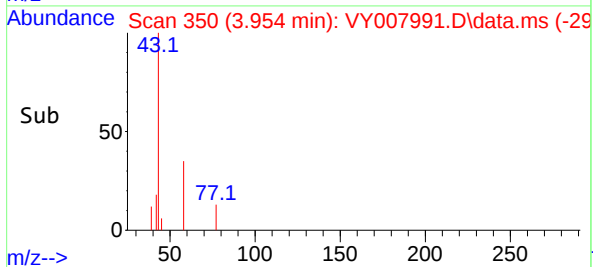
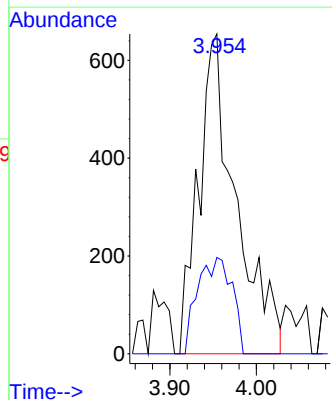
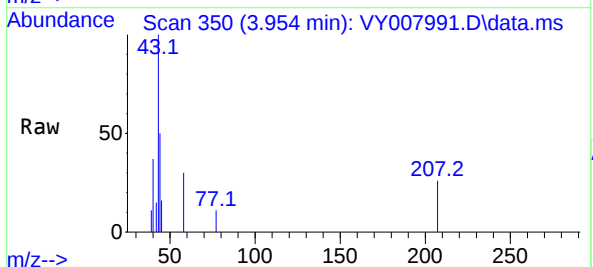
Instrument :
MSVOA_Y
ClientSampleId :
VY0322SBL01

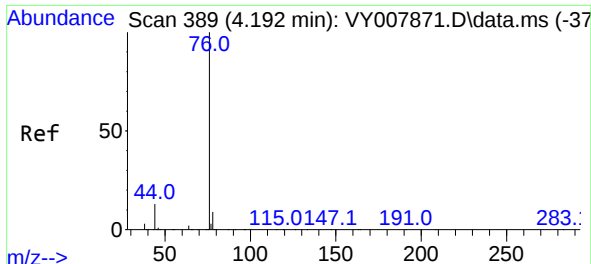
Tgt Ion: 94 Resp: 157
Ion Ratio Lower Upper
94 100
96 54.3 73.5 110.3#



#16
Acetone
Concen: 2.875 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

Tgt Ion: 43 Resp: 1960
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0

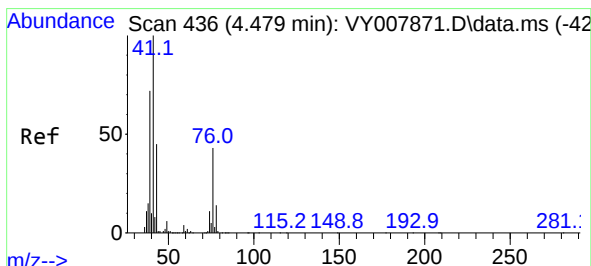
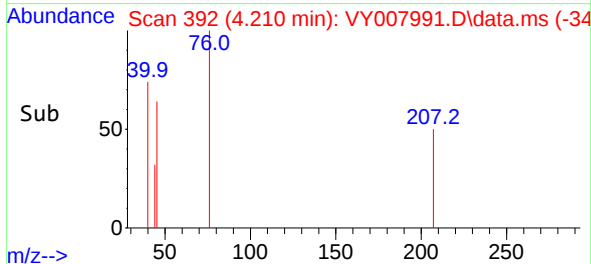
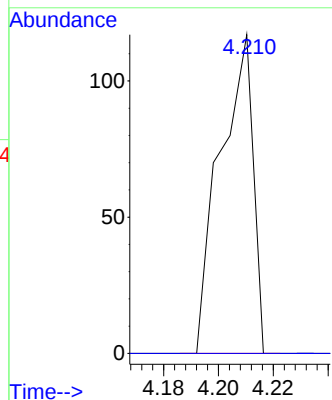
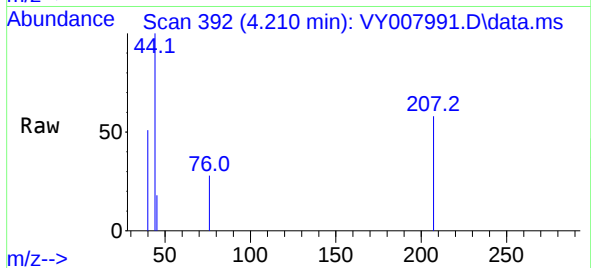




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.210 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

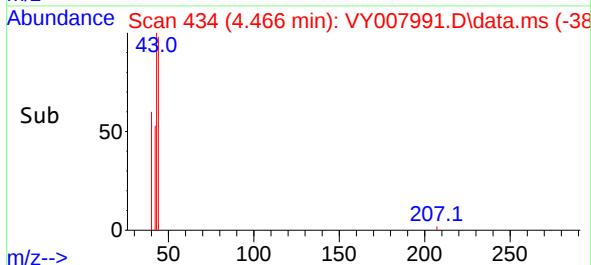
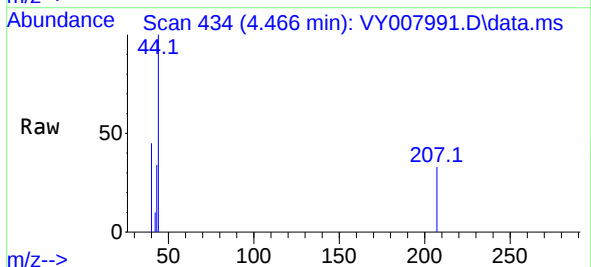
Instrument :
MSVOA_Y
ClientSampleId :
VY0322SBL01

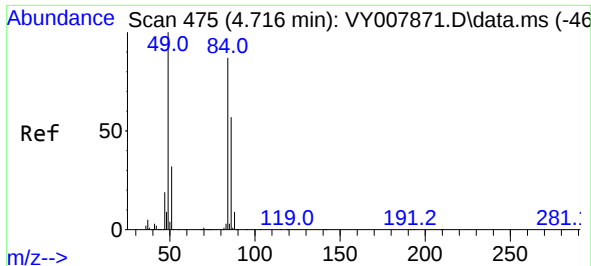
Tgt Ion: 76 Resp: 98
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

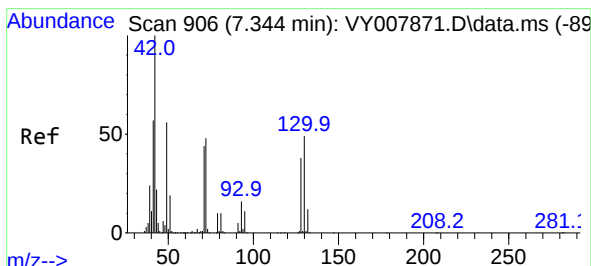
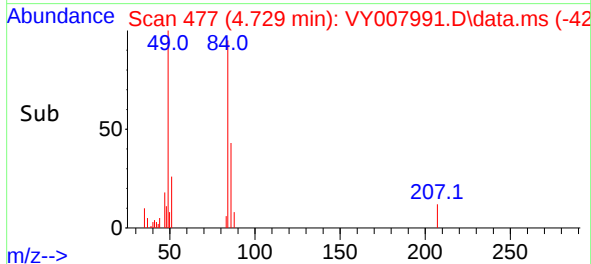
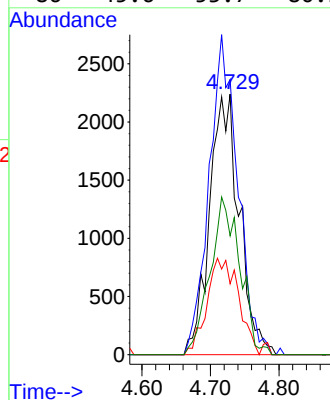
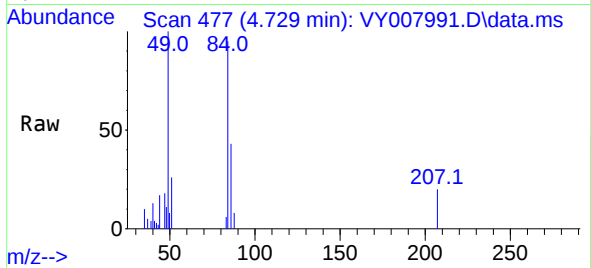




#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

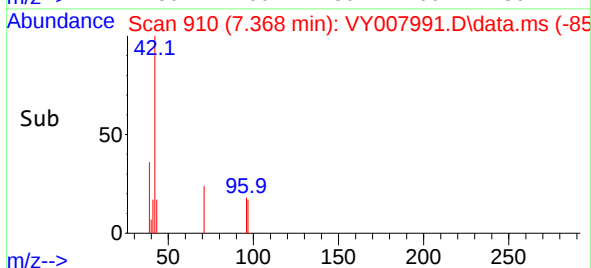
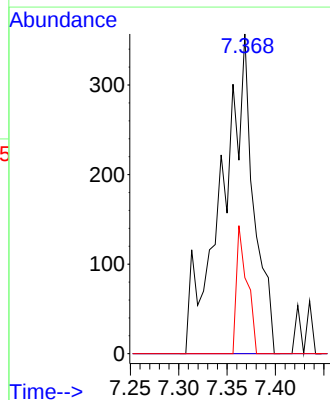
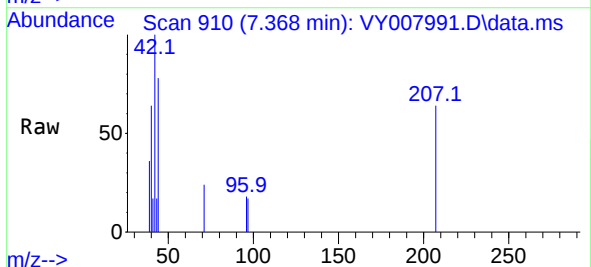
Instrument :
MSVOA_Y
ClientSampleId :
VY0322SBL01

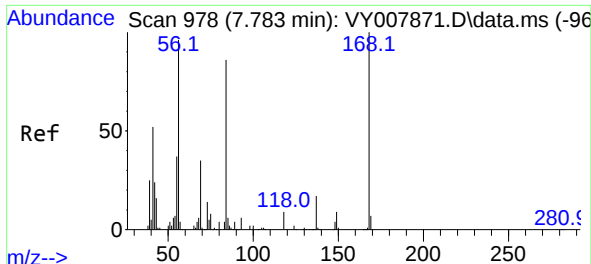
Tgt Ion: 84 Resp: 6755
Ion Ratio Lower Upper
84 100
49 105.6 114.4 171.6#
51 27.2 35.3 52.9#
86 45.6 53.7 80.5#



#29
Tetrahydrofuran
Concen: 1.169 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.024 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

Tgt Ion: 42 Resp: 818
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 13.3 29.0 43.4#

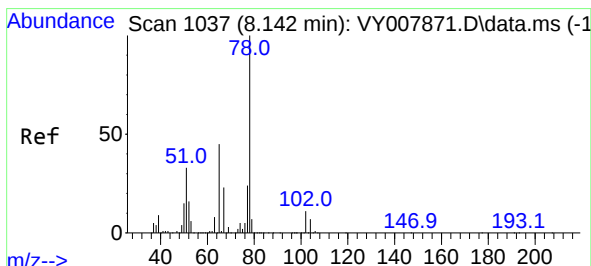
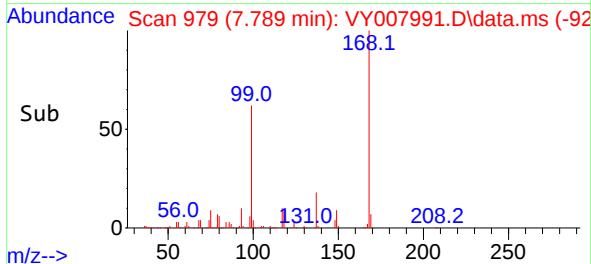
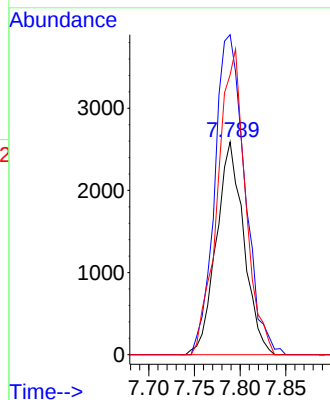
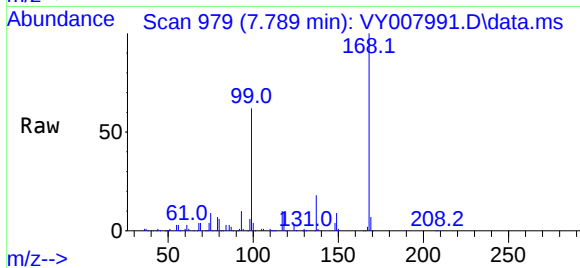




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

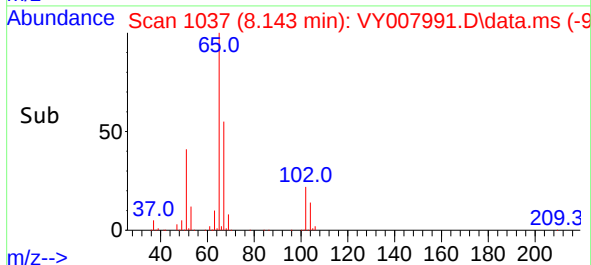
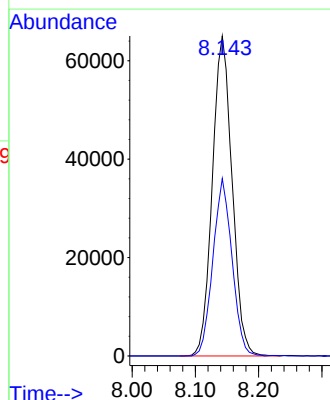
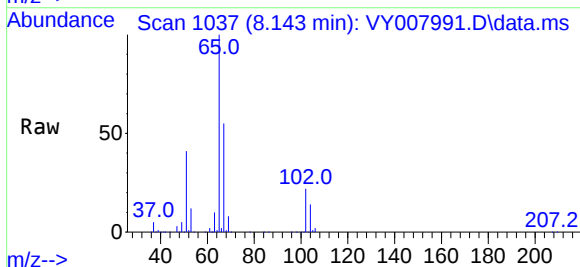
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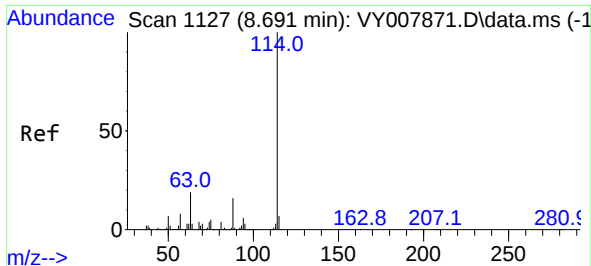
Tgt Ion: 56 Resp: 5428
Ion Ratio Lower Upper
56 100
69 150.4 26.7 40.1#
84 131.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.936 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

Tgt Ion: 65 Resp: 141200
Ion Ratio Lower Upper
65 100
67 53.5 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: VY007991.D

Acq: 22 Mar 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0322SBL01

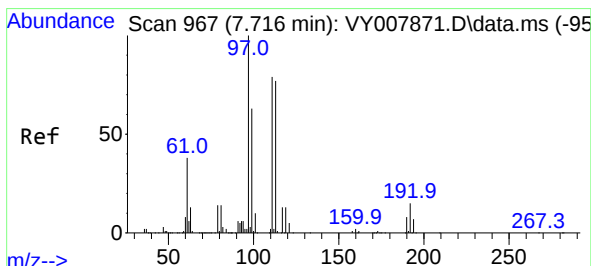
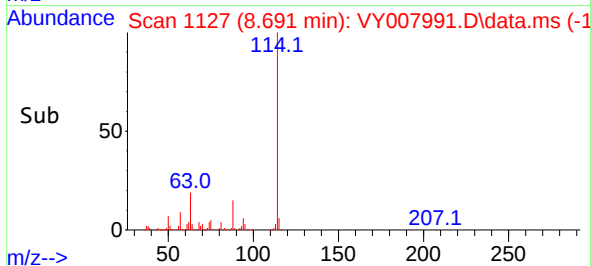
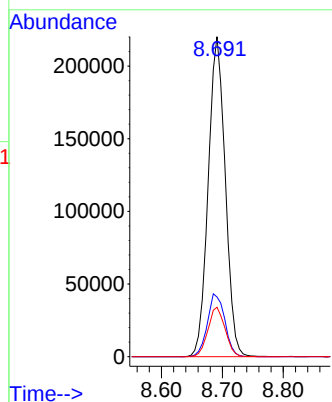
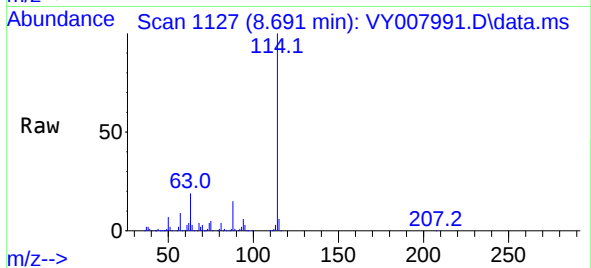
Tgt Ion:114 Resp: 428293

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.215 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007991.D

Acq: 22 Mar 2022 10:31

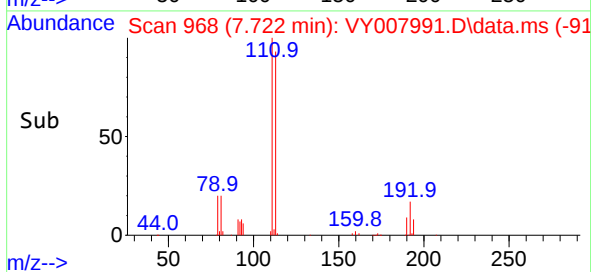
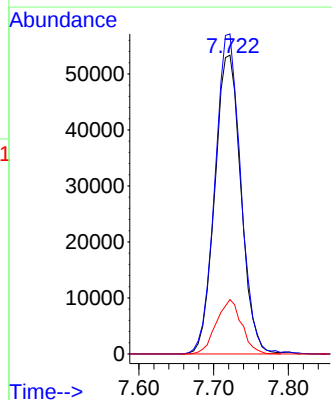
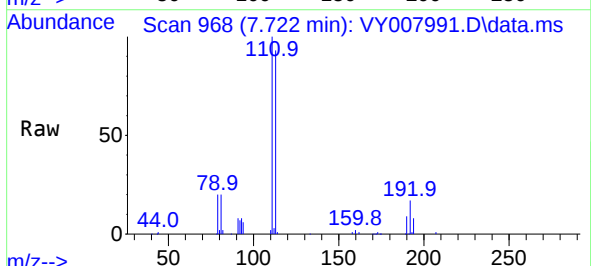
Tgt Ion:113 Resp: 129985

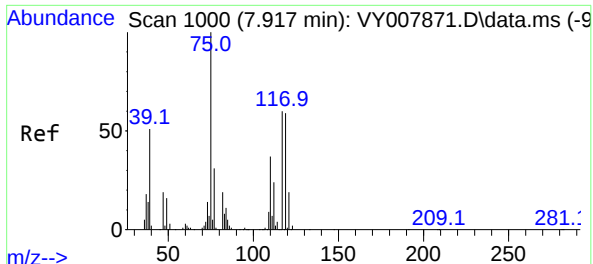
Ion Ratio Lower Upper

113 100

111 105.4 82.6 124.0

192 17.6 17.6 26.4#

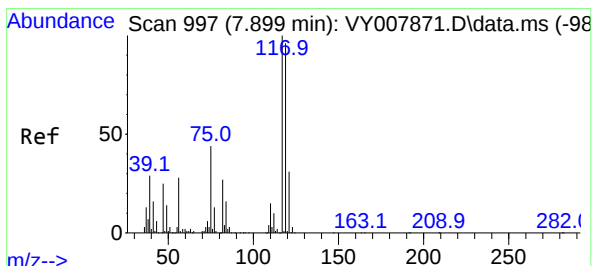
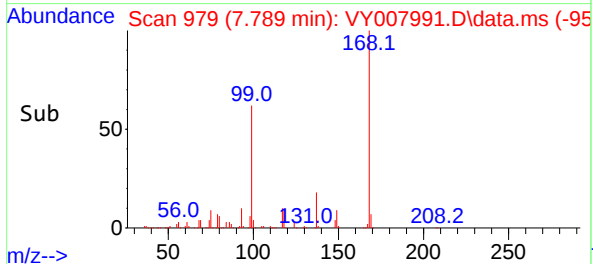
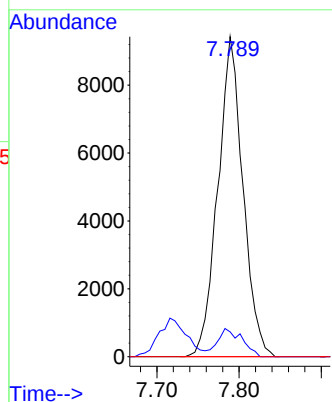
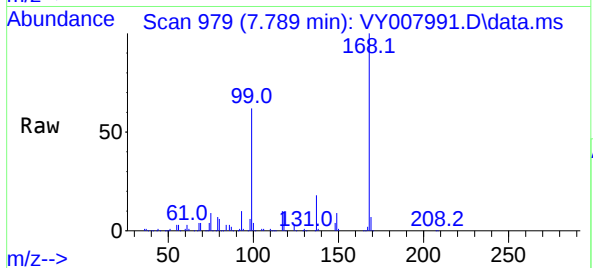




#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

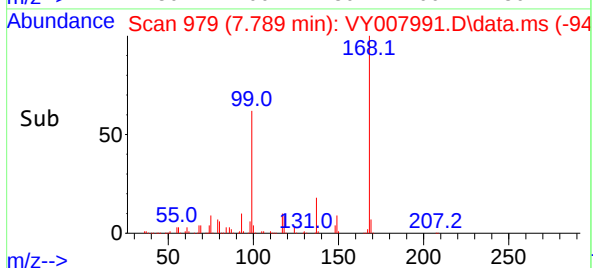
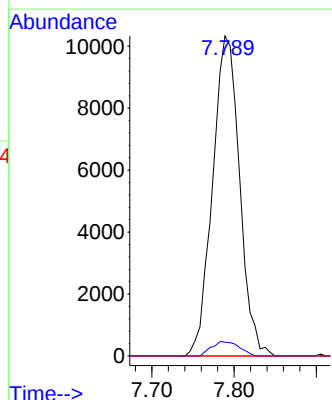
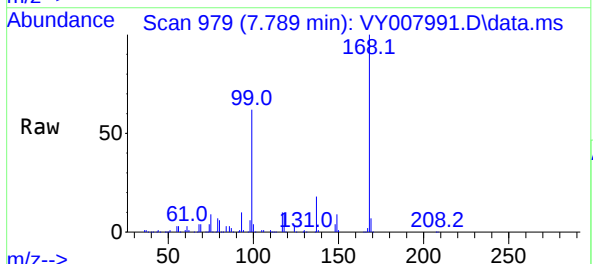
Instrument :
MSVOA_Y
ClientSampleId :
VY0322SBL01

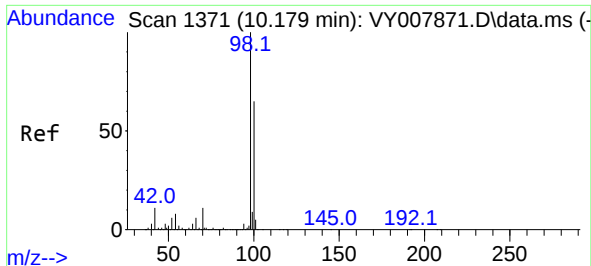
Tgt Ion: 75 Resp: 19983
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.957 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

Tgt Ion: 117 Resp: 23632
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#

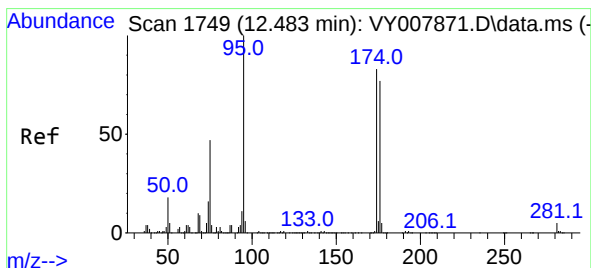
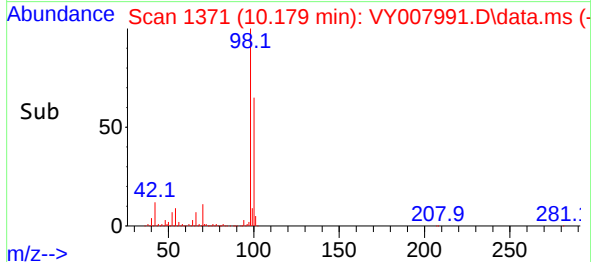
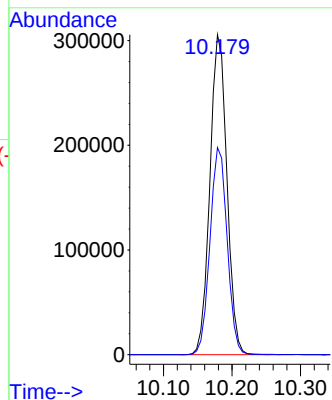
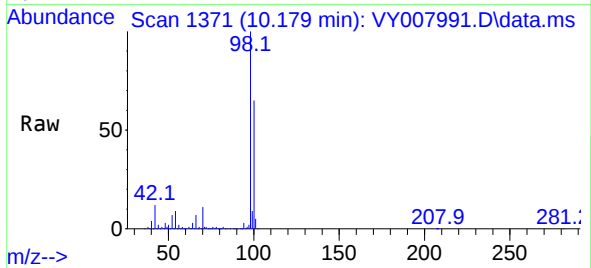




#50
Toluene-d8
Concen: 59.247 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

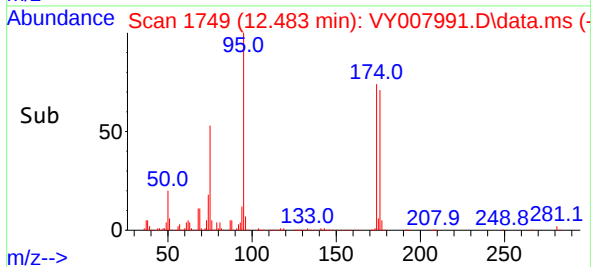
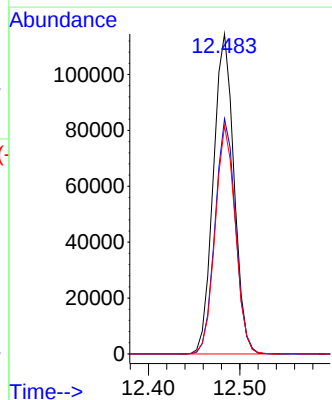
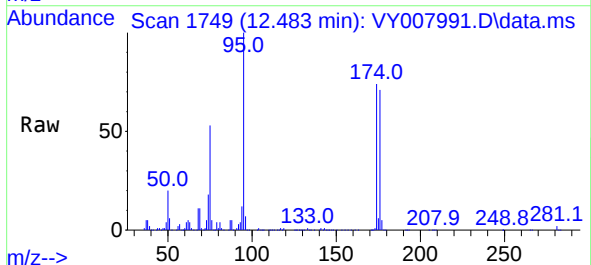
Instrument :
MSVOA_Y
ClientSampleId :
VY0322SBL01

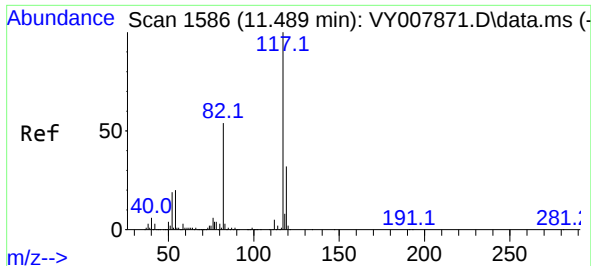
Tgt Ion: 98 Resp: 528249
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.598 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

Tgt Ion: 95 Resp: 179571
Ion Ratio Lower Upper
95 100
174 72.5 0.0 177.0
176 69.9 0.0 175.8

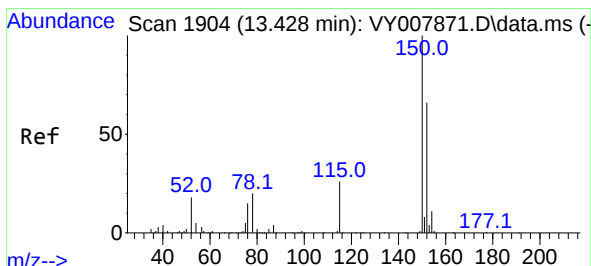
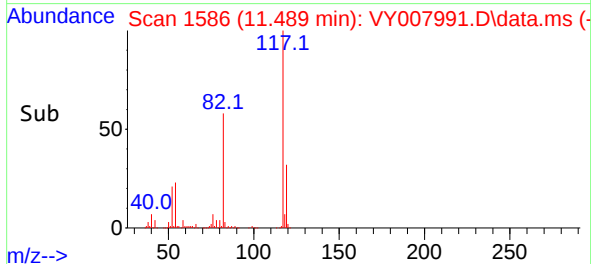
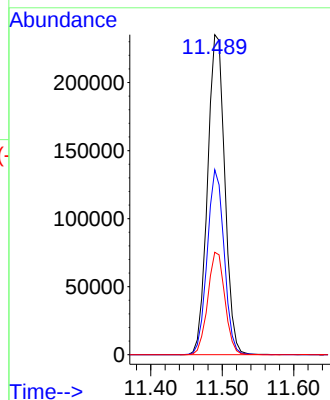
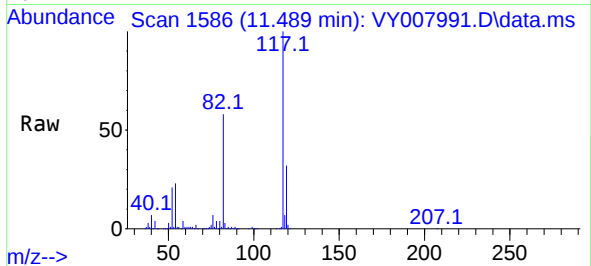




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

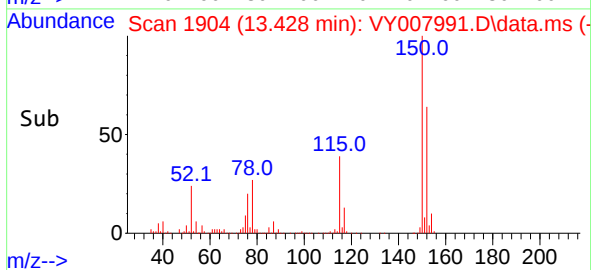
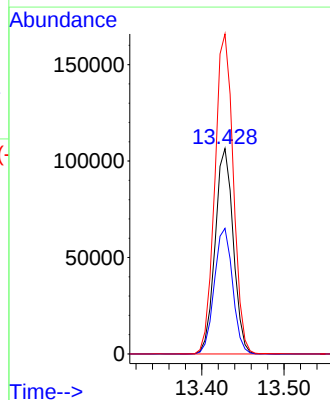
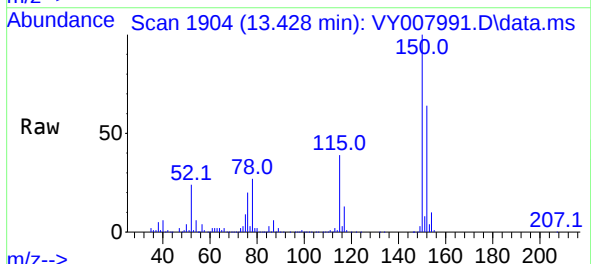
Instrument :
MSVOA_Y
ClientSampleId :
VY0322SBL01

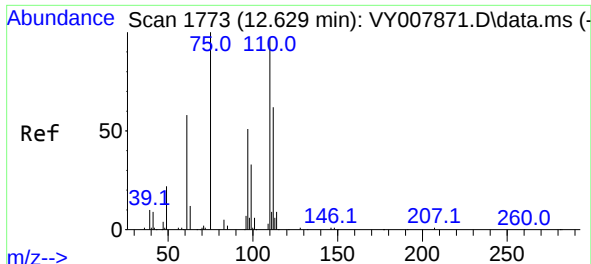
Tgt Ion:117 Resp: 393803
Ion Ratio Lower Upper
117 100
82 57.8 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

Tgt Ion:152 Resp: 163498
Ion Ratio Lower Upper
152 100
115 61.5 28.2 84.7
150 158.5 0.0 347.6

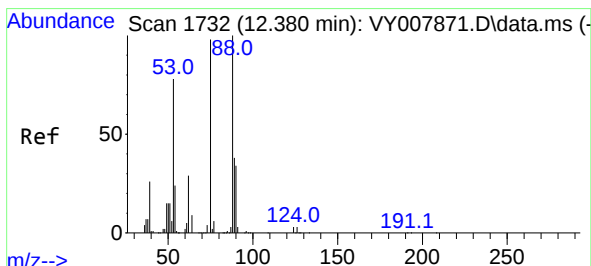
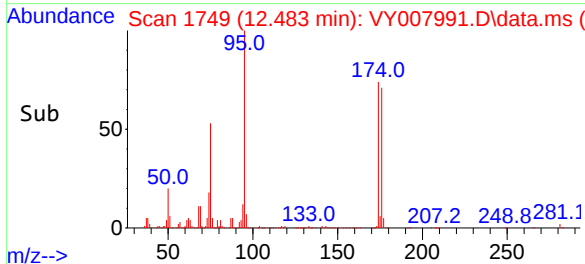
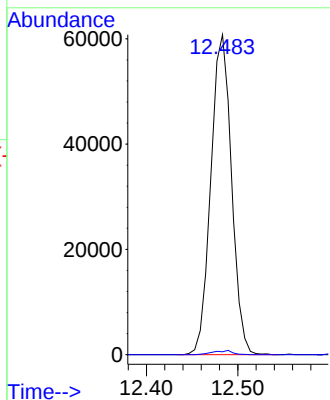
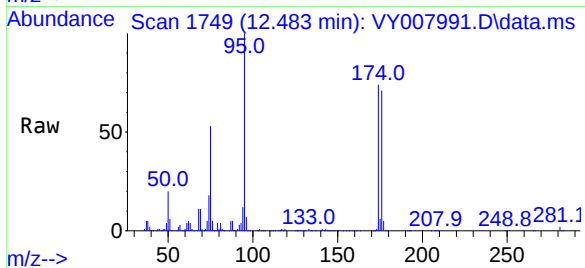




#76
1,2,3-Trichloropropane
Concen: 41.015 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0322SBL01

Tgt Ion: 75 Resp: 95581
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.148 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007991.D
Acq: 22 Mar 2022 10:31

Tgt Ion: 75 Resp: 95581
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

