

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007722.D
 Acq On : 03 Mar 2022 23:23
 Operator : SY/MD
 Sample : N1730-01
 Misc : 6.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-2-SAMPLE-LOCATION-1

Quant Time: Mar 04 00:45:46 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)

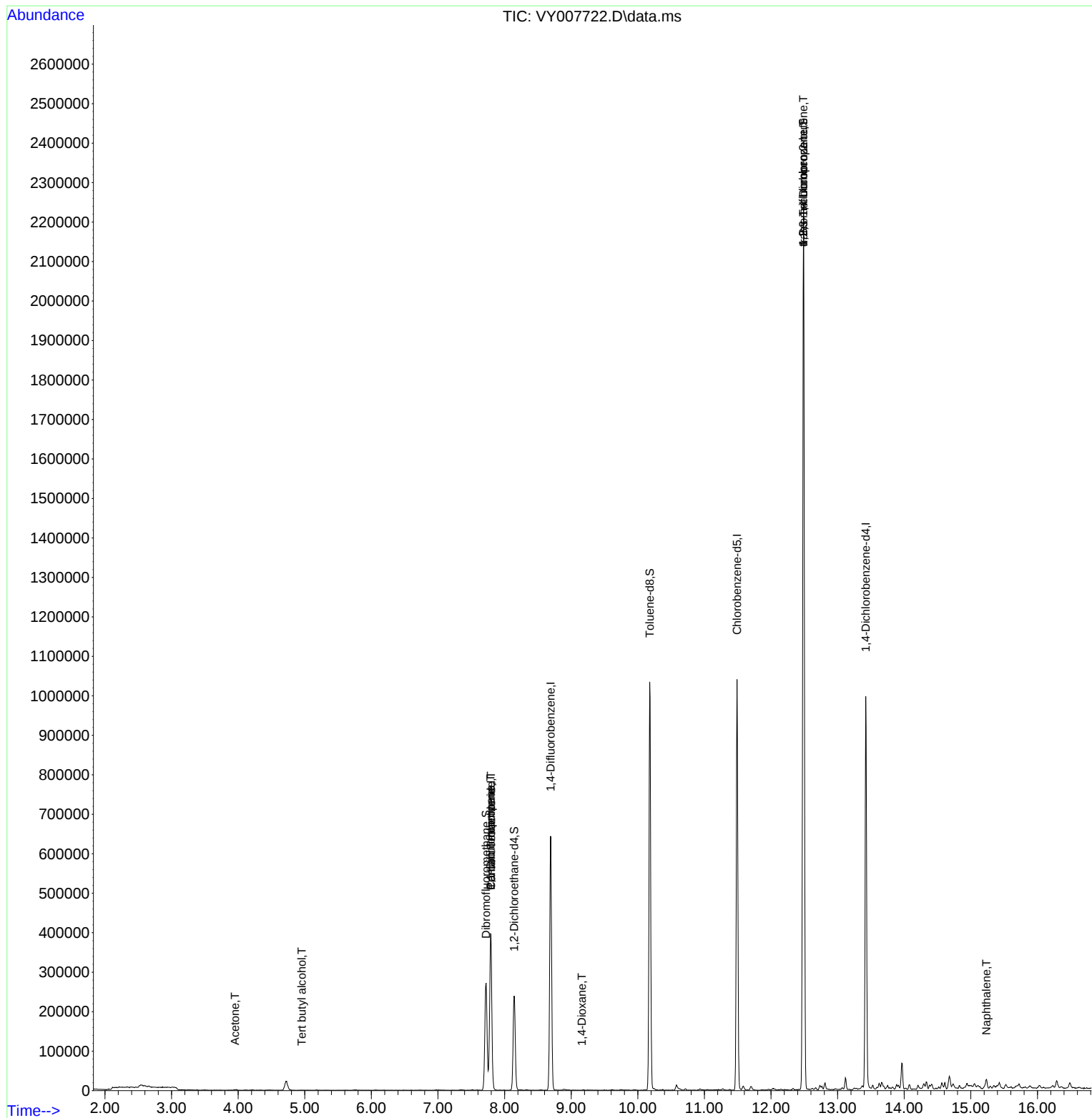
Internal Standards						
1) Pentafluorobenzene	7.795	168	322125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	561470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	556666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	252625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	186665	55.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.700%	
35) Dibromofluoromethane	7.722	113	187949	52.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.720%	
50) Toluene-d8	10.179	98	684181	51.778	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.483	95	238524	56.000	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	141	Below Cal	#	43
3) Chloromethane	2.113	50	1518	Below Cal		90
11) Tert butyl alcohol	4.954	59	605	2.072	ug/l #	77
13) Acrolein	3.729	56	27	Below Cal	#	1
16) Acetone	3.954	43	3273	4.771	ug/l #	74
17) Carbon Disulfide	4.204	76	362	Below Cal	#	75
18) Methyl Acetate	4.472	43	1025	Below Cal	#	75
31) Cyclohexane	7.783	56	6693	Below Cal	#	46
36) 1,1-Dichloropropene	7.789	75	23183	4.105	ug/l #	50
38) Carbon Tetrachloride	7.795	117	30346	5.038	ug/l #	14
49) 1,4-Dioxane	9.161	88	46	1.562	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	141962	50.319	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	141962	102.871	ug/l #	9
95) Naphthalene	15.233	128	16893	1.638	ug/l #	95

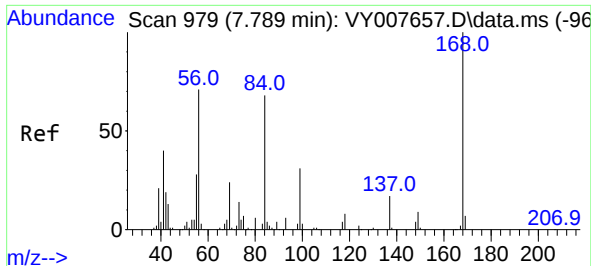
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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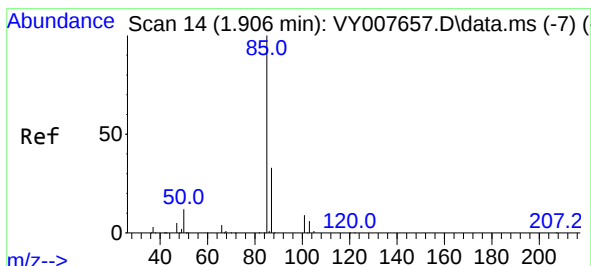
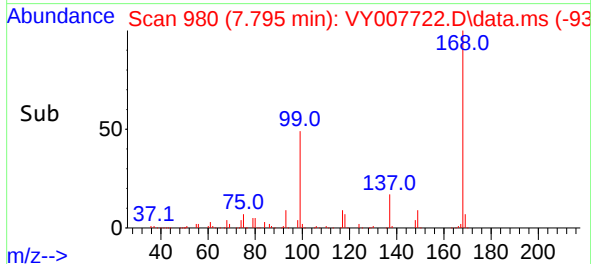
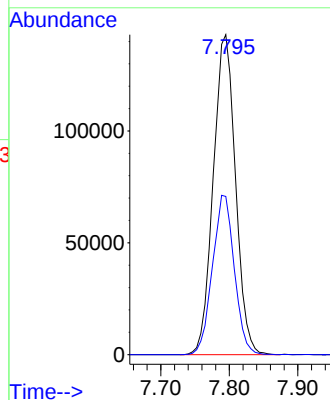
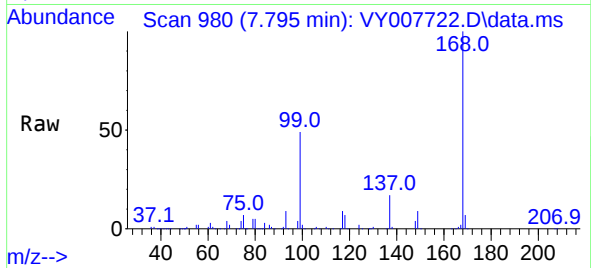




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

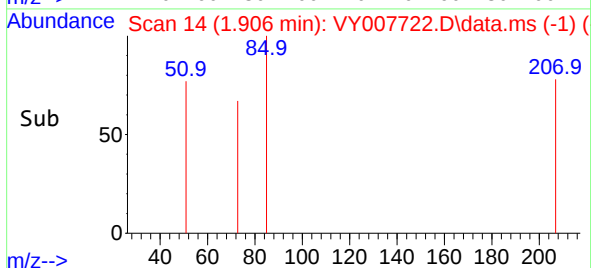
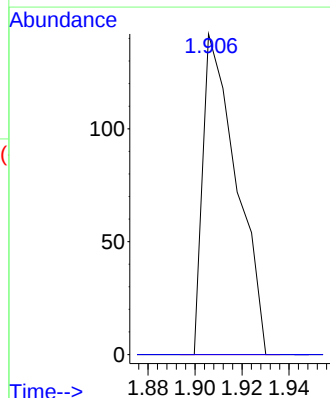
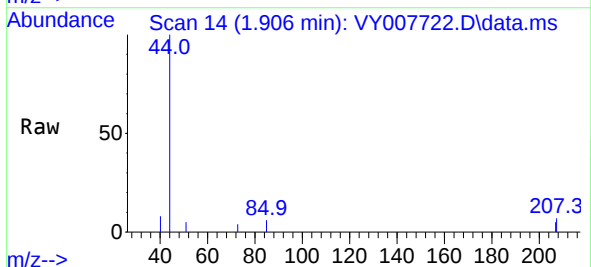
Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

Tgt Ion:168 Resp: 322125
Ion Ratio Lower Upper
168 100
99 49.4 46.9 70.3

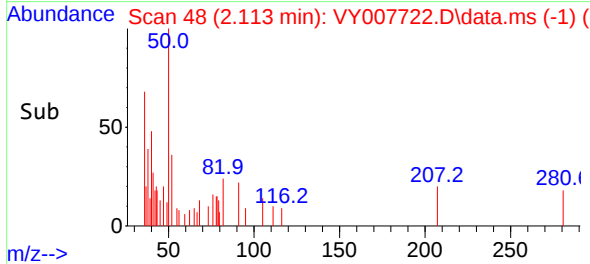
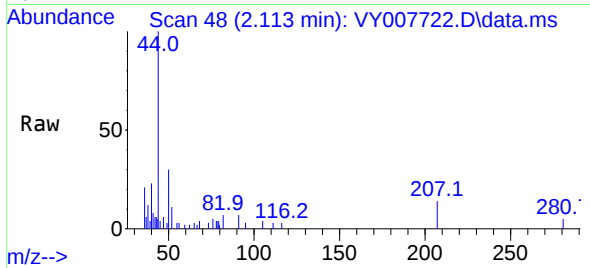
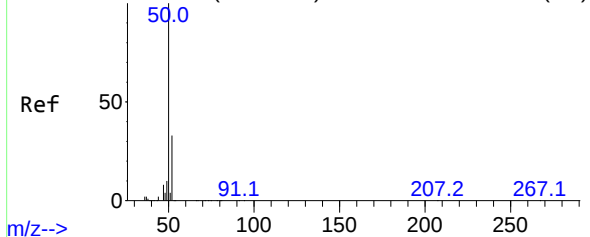


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

Tgt Ion: 85 Resp: 141
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007722.D

Acq: 03 Mar 2022 23:23

Instrument :

MSVOA_Y

ClientSampleId :

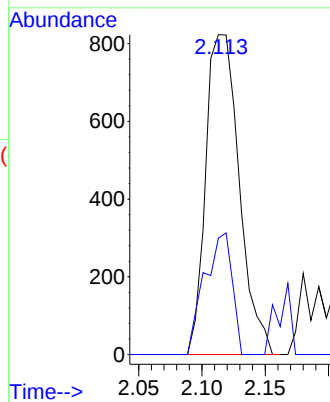
1-2-SAMPLE-LOCATION-1

Tgt Ion: 50 Resp: 1518

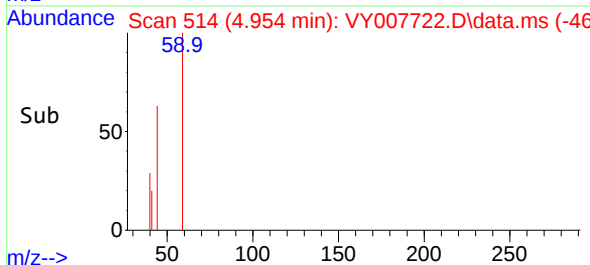
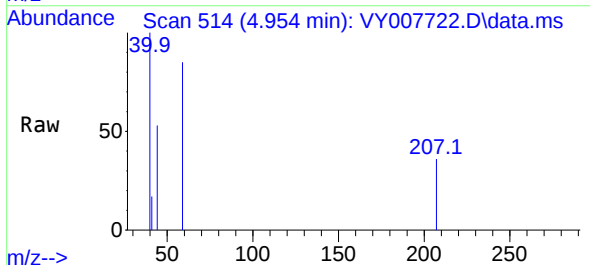
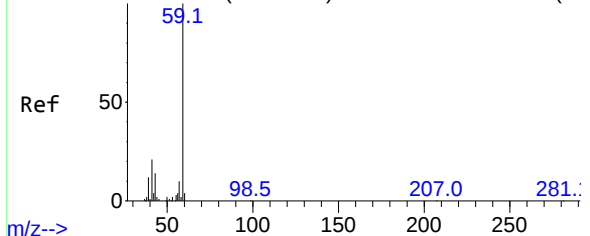
Ion Ratio Lower Upper

50 100

52 36.5 24.6 37.0



Abundance Scan 515 (4.960 min): VY007657.D\data.ms (-49)



#11

Tert butyl alcohol

Concen: 2.072 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY007722.D

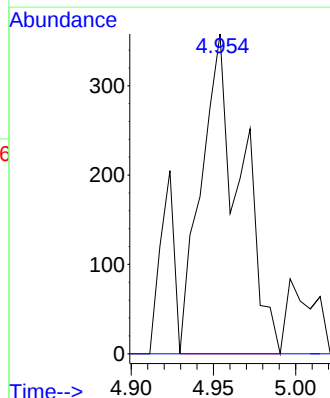
Acq: 03 Mar 2022 23:23

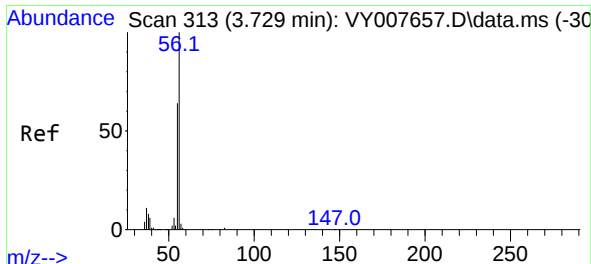
Tgt Ion: 59 Resp: 605

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#

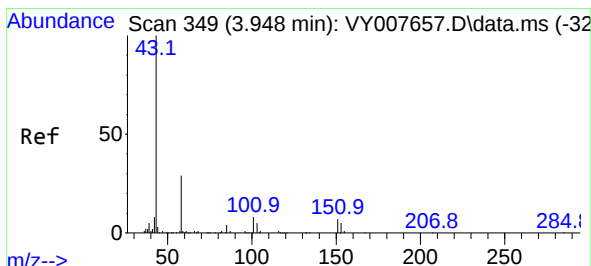
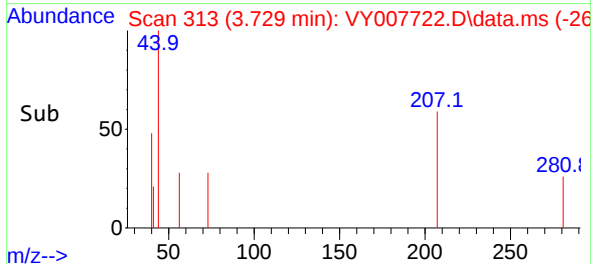
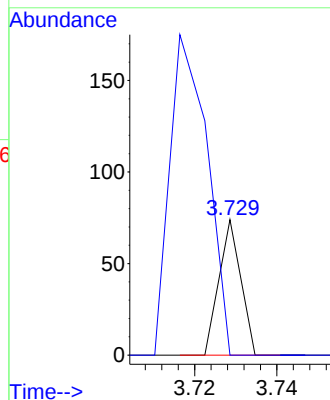
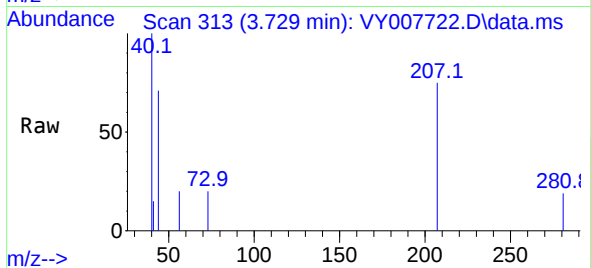




#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

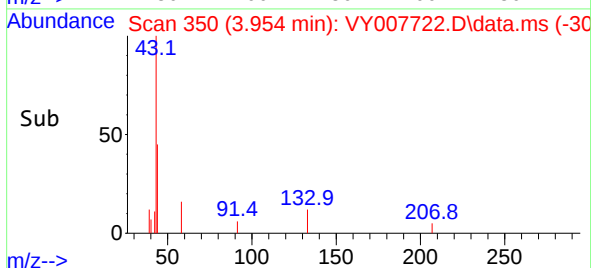
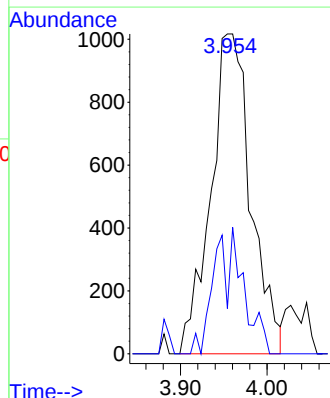
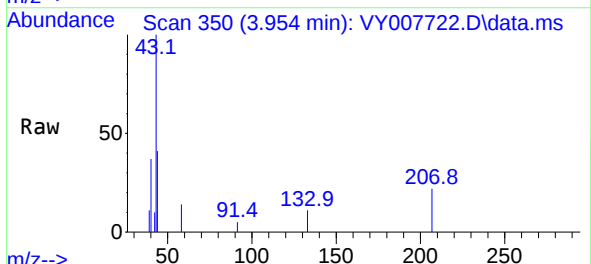
Instrument :
MSVOA_Y
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1-2-SAMPLE-LOCATION-1

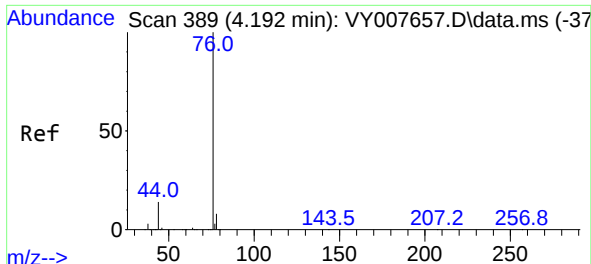
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 411.1 57.6 86.4#



#16
Acetone
Concen: 4.771 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

Tgt Ion: 43 Resp: 3273
Ion Ratio Lower Upper
43 100
58 14.2 22.0 33.0#

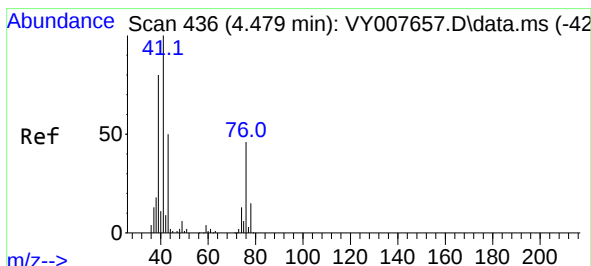
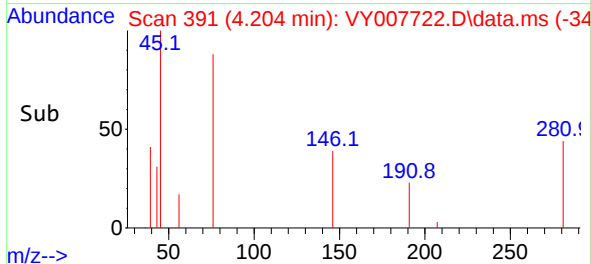
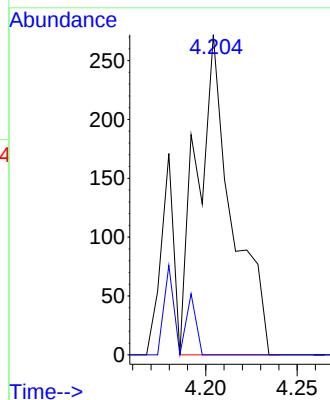
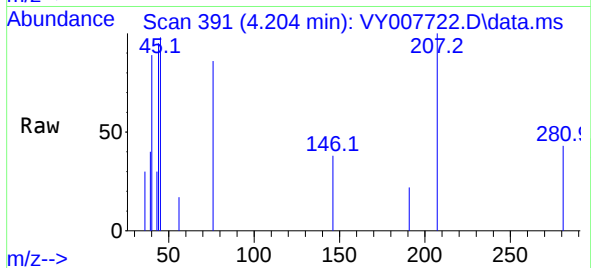




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

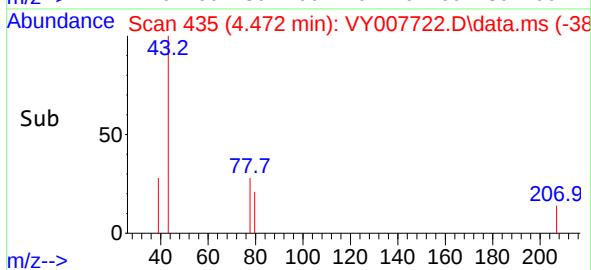
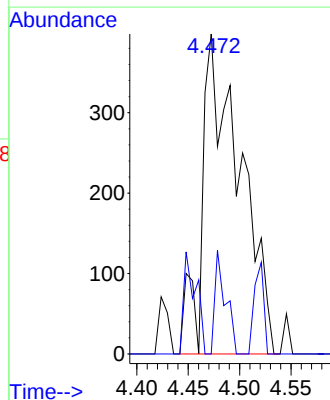
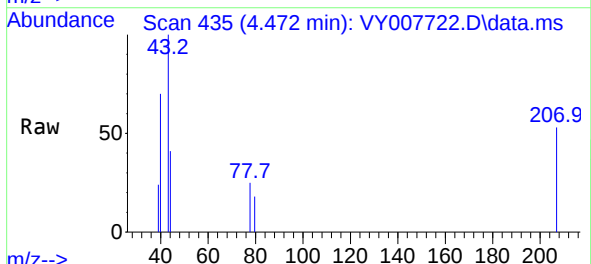
Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

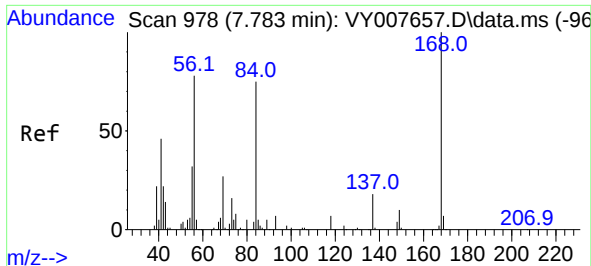
Tgt Ion: 76 Resp: 362
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
74 9.1 16.6 24.8#

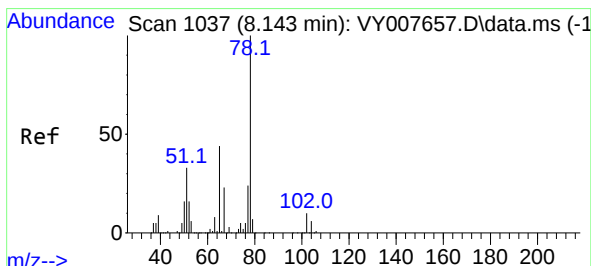
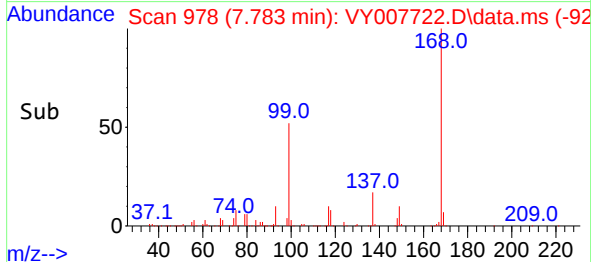
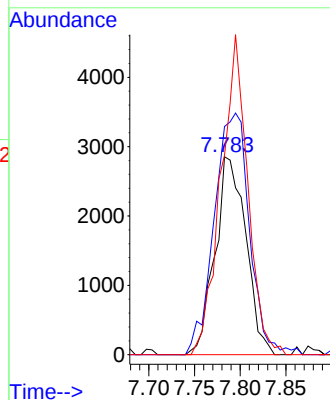
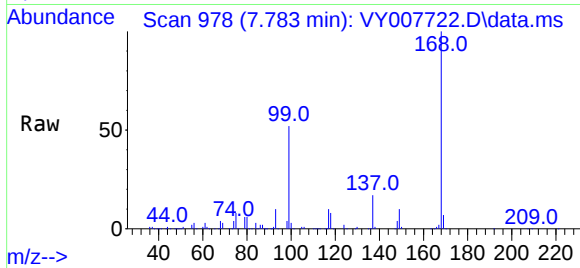




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

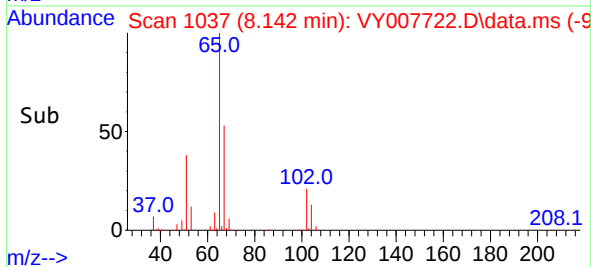
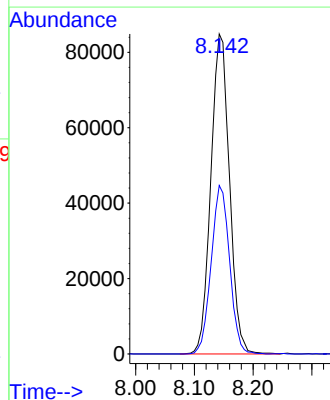
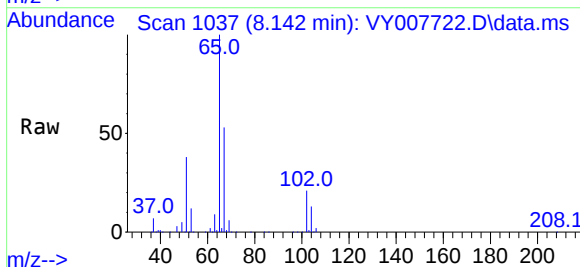
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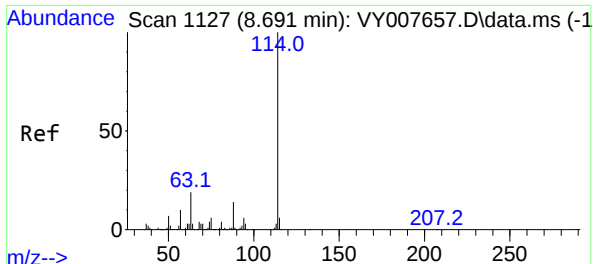
Tgt Ion: 56 Resp: 6693
Ion Ratio Lower Upper
56 100
69 115.3 26.7 40.1#
84 100.7 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 55.352 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

Tgt Ion: 65 Resp: 186665
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4

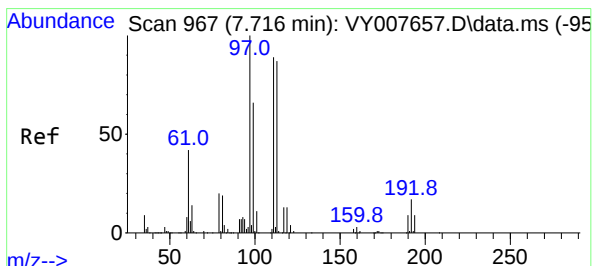
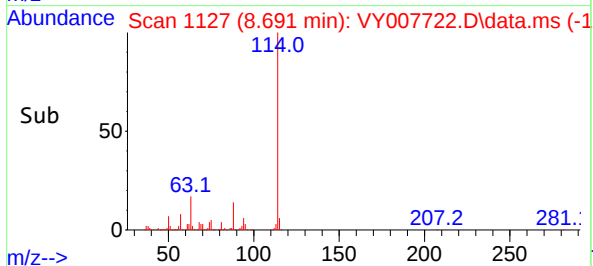
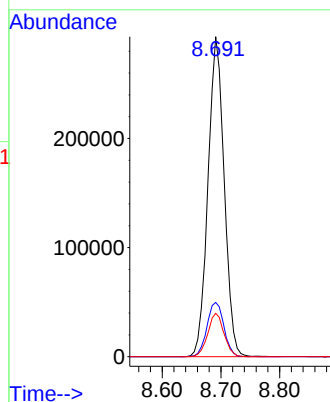
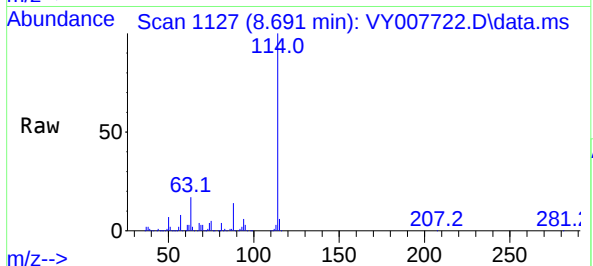




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

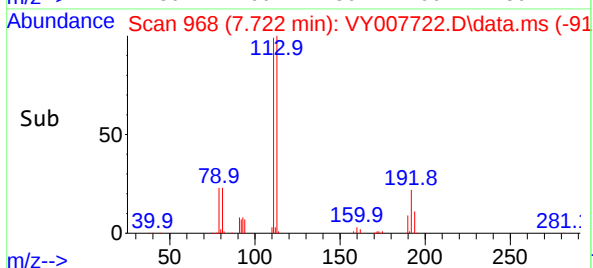
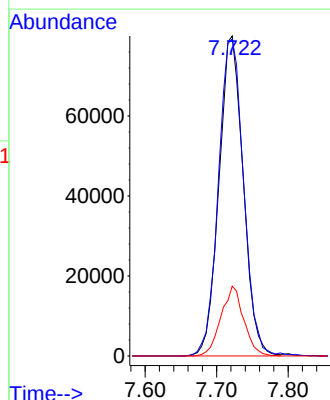
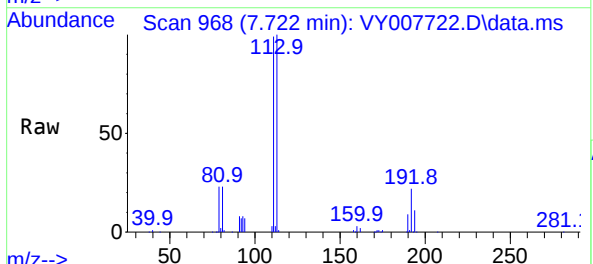
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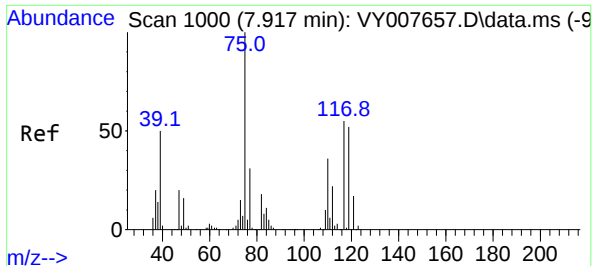
Tgt Ion:114 Resp: 561470
Ion Ratio Lower Upper
114 100
63 17.0 0.0 43.2
88 13.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.359 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

Tgt Ion:113 Resp: 187949
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 20.5 17.6 26.4

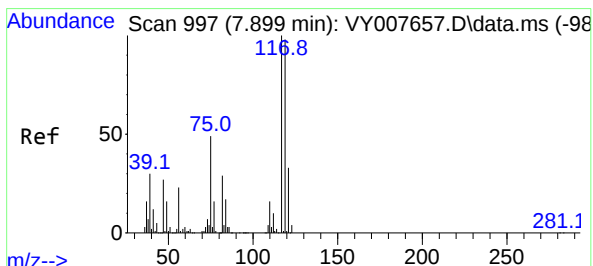
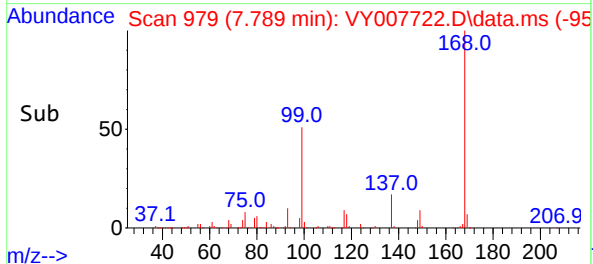
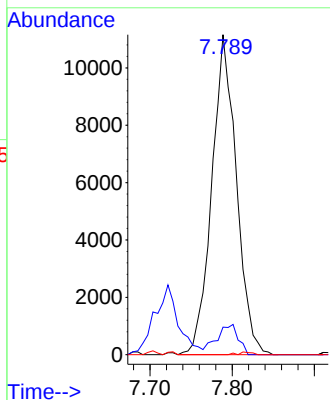
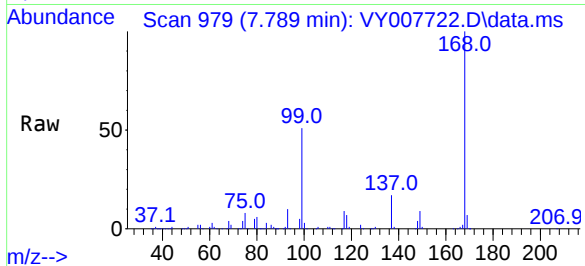




#36
1,1-Dichloropropene
Concen: 4.105 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

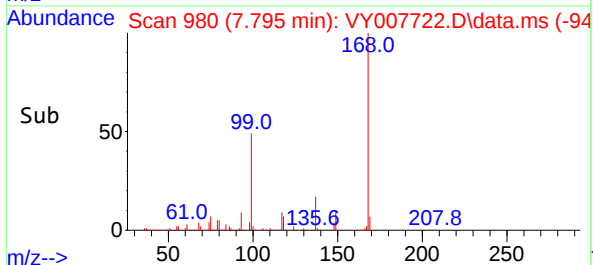
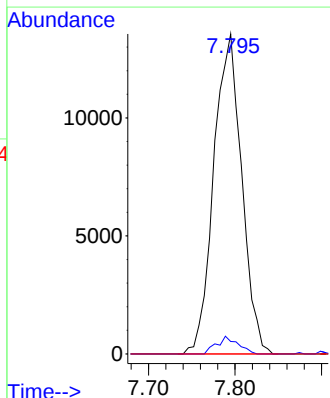
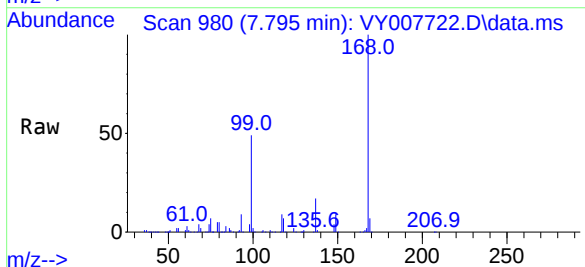
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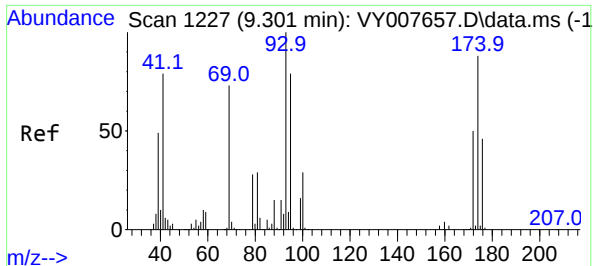
Tgt Ion: 75 Resp: 23183
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.038 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

Tgt Ion: 117 Resp: 30346
Ion Ratio Lower Upper
117 100
119 3.9 77.9 116.9#
121 0.0 24.8 37.2#

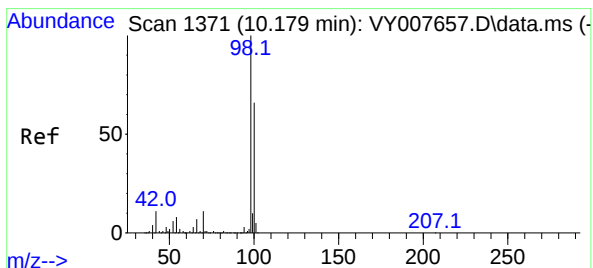
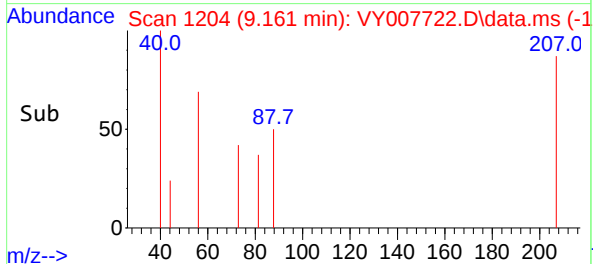
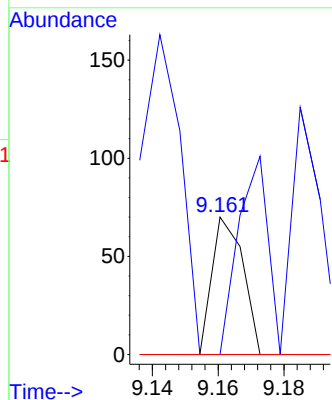
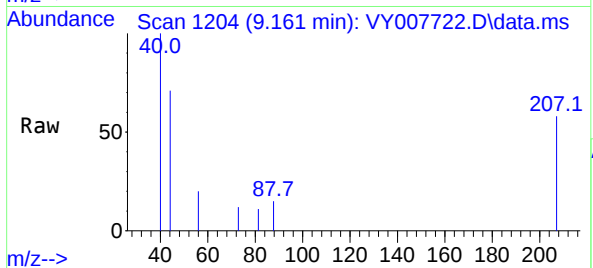




#49
1,4-Dioxane
Concen: 1.562 ug/l
RT: 9.161 min Scan# 11
Delta R.T. -0.140 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

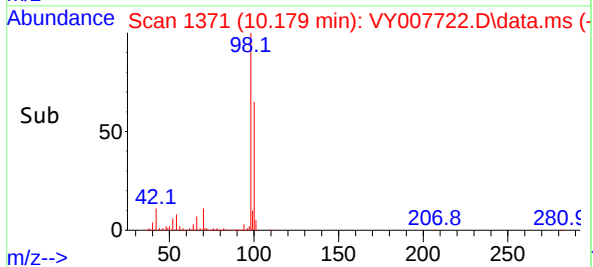
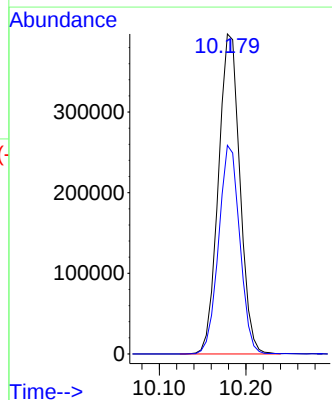
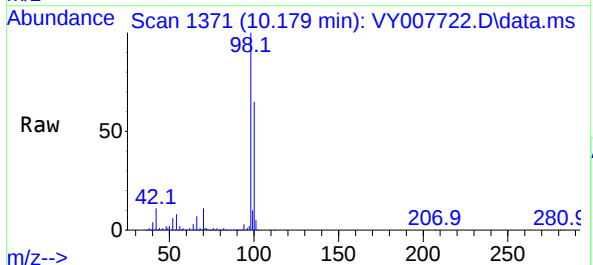
Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

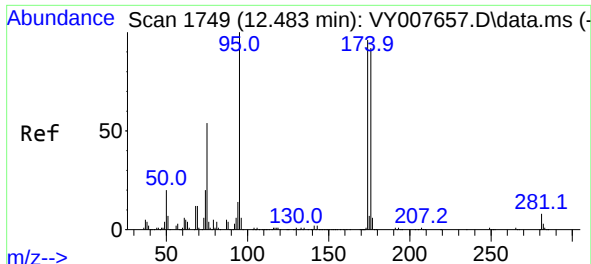
Tgt Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
43 137.0 32.8 49.2#
58 0.0 59.8 89.6#



#50
Toluene-d8
Concen: 51.778 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

Tgt Ion: 98 Resp: 684181
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

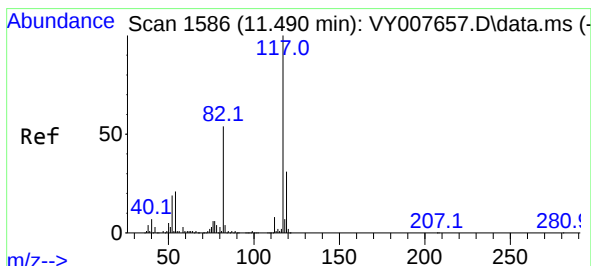
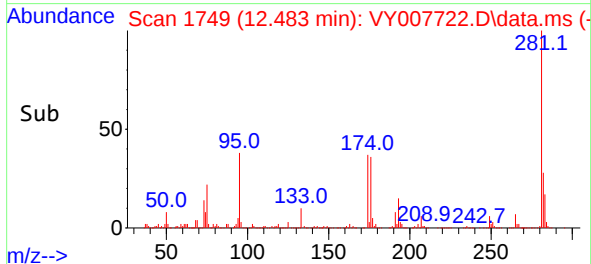
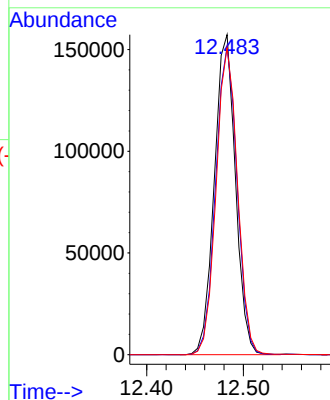
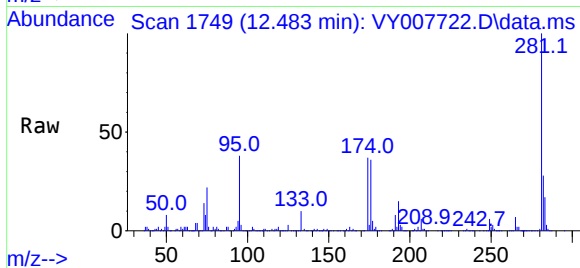




#62
4-Bromofluorobenzene
Concen: 56.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

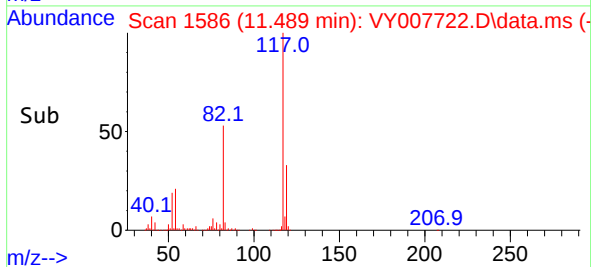
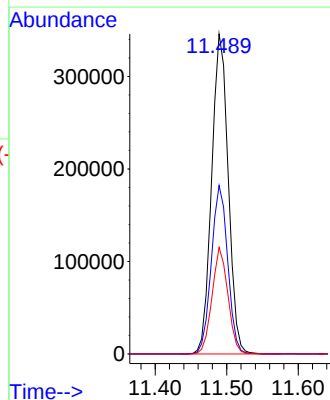
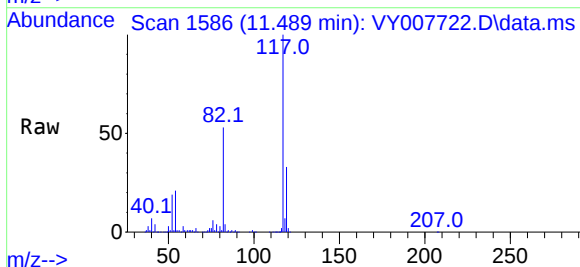
Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

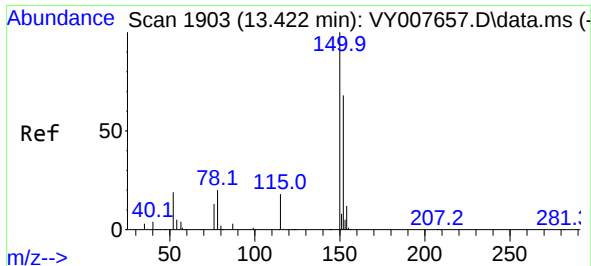
Tgt Ion: 95 Resp: 238524
Ion Ratio Lower Upper
95 100
174 97.4 0.0 177.0
176 97.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

Tgt Ion: 117 Resp: 556666
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 33.3 25.4 38.0

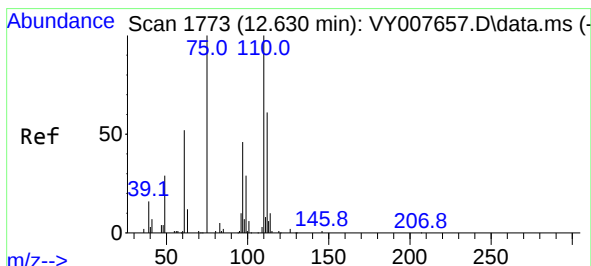
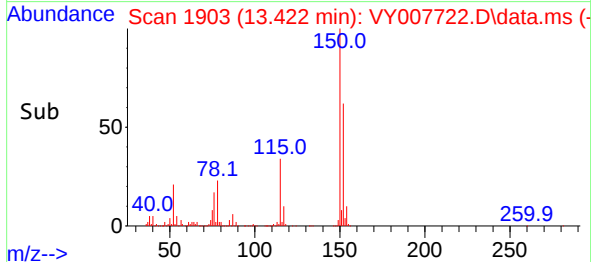
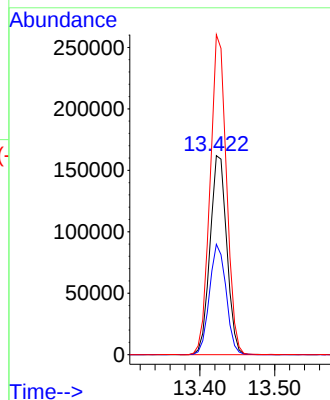
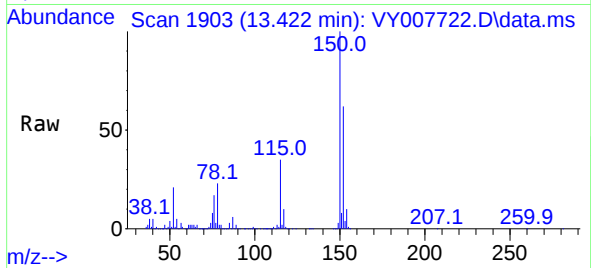




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY007722.D
 Acq: 03 Mar 2022 23:23

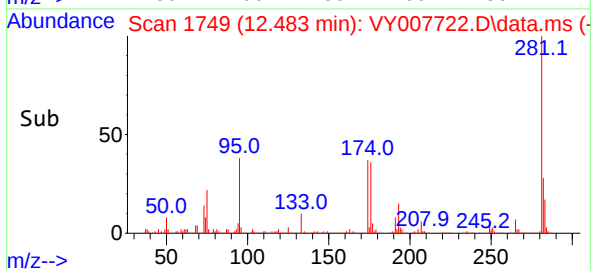
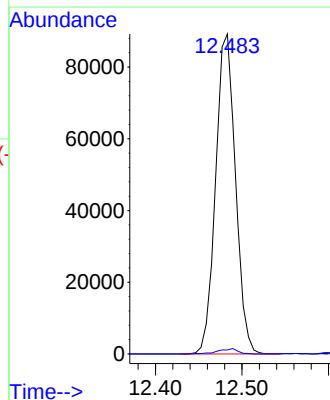
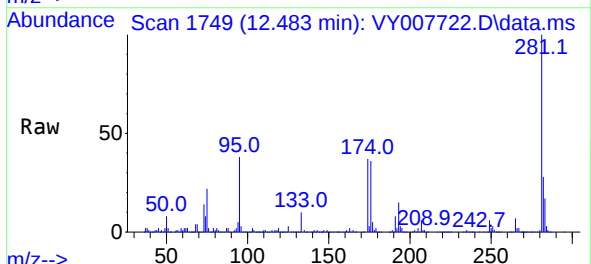
Instrument : MSVOA_Y
 ClientSampleId : 1-2-SAMPLE-LOCATION-1

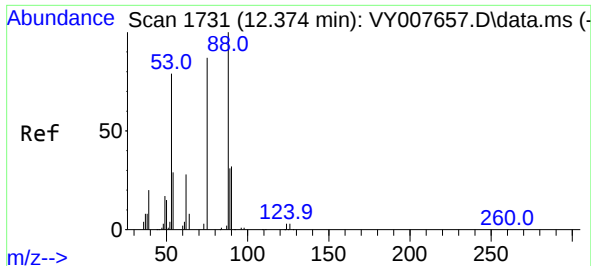
Tgt Ion:152 Resp: 252625
 Ion Ratio Lower Upper
 152 100
 115 55.1 28.2 84.7
 150 157.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.319 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007722.D
 Acq: 03 Mar 2022 23:23

Tgt Ion: 75 Resp: 141962
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

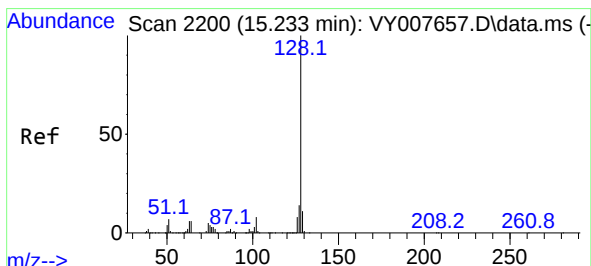
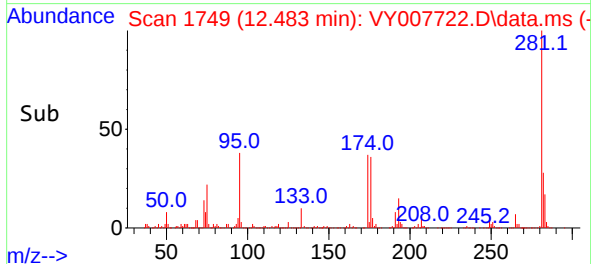
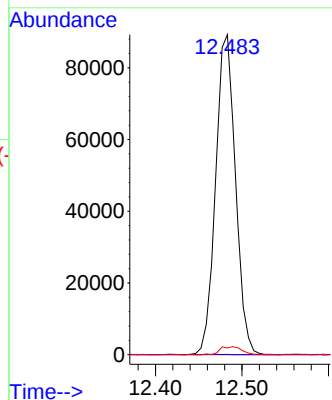
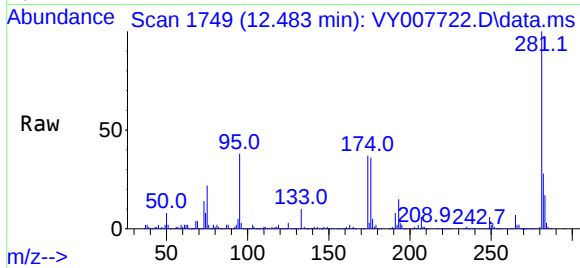




#81
trans-1,4-Dichloro-2-butene
Concen: 102.871 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

Tgt Ion: 75 Resp: 141962
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 2.8 37.0 55.4#



#95
Naphthalene
Concen: 1.638 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007722.D
Acq: 03 Mar 2022 23:23

Tgt Ion:128 Resp: 16893
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 14.0 8.4 12.6#

