

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011324.D
 Acq On : 07 Nov 2022 10:38
 Operator : KP/MD
 Sample : VY1107SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBL01

Quant Time: Nov 08 03:27:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

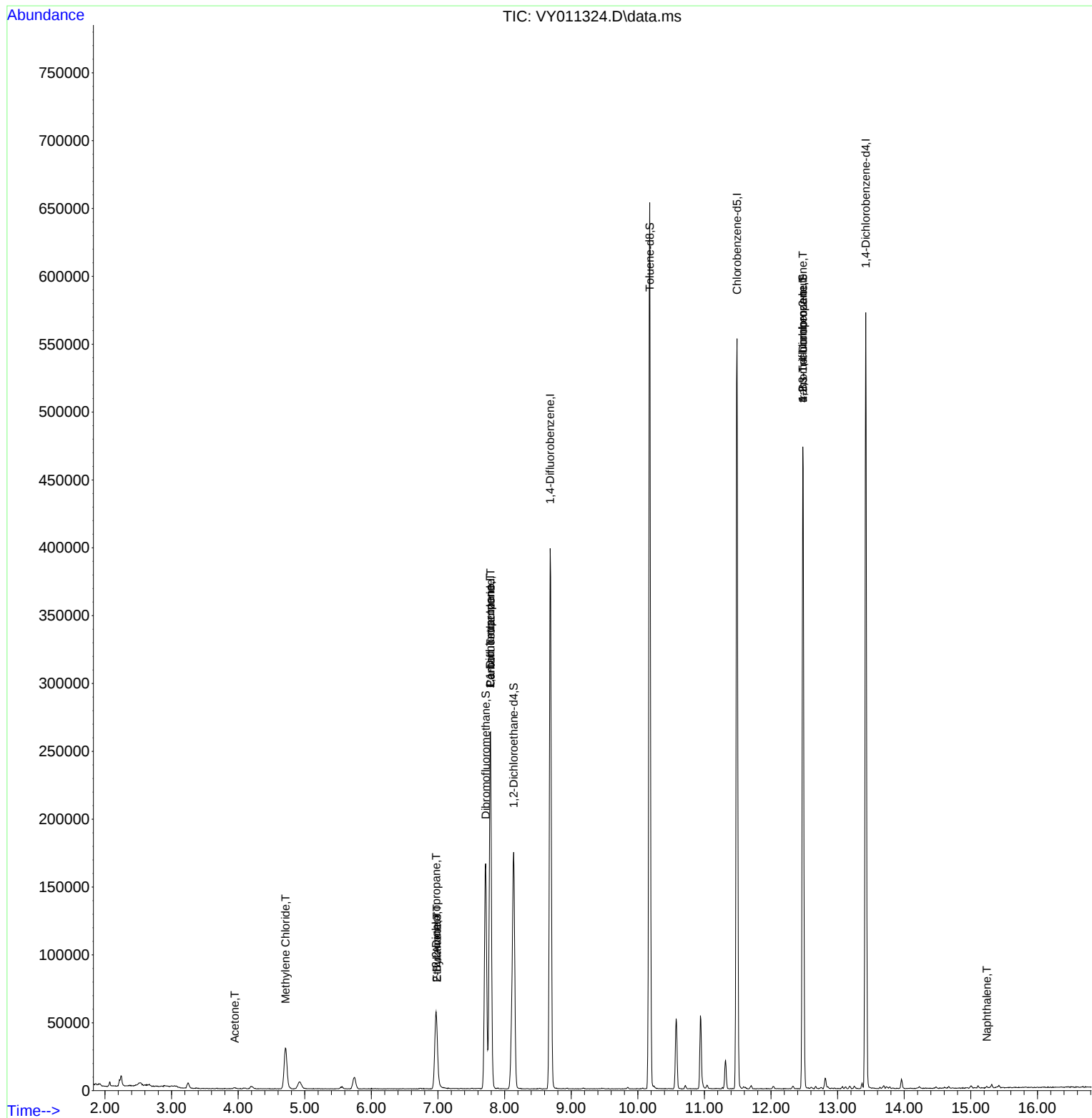
Internal Standards						
1) Pentafluorobenzene	7.789	168	213941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	354830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	323236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117467	51.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.680%	
35) Dibromofluoromethane	7.716	113	121379	53.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.480%	
50) Toluene-d8	10.179	98	436437	49.307	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.477	95	147895	48.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.260%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	803	Below Cal		98
11) Tert butyl alcohol	4.917	59	5871	Below Cal	#	77
16) Acetone	3.948	43	1407	2.037	ug/l #	86
20) Methylene Chloride	4.710	84	24710	4.135	ug/l #	81
25) 2-Butanone	6.984	43	3196	3.289	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	4416	1.055	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	15510	4.166	ug/l #	50
37) Ethyl Acetate	6.984	43	3196	1.592	ug/l #	1
38) Carbon Tetrachloride	7.789	117	20351	5.269	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	71233	38.067	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	71233	81.469	ug/l #	7
95) Naphthalene	15.239	128	1231	4.134	ug/l #	89

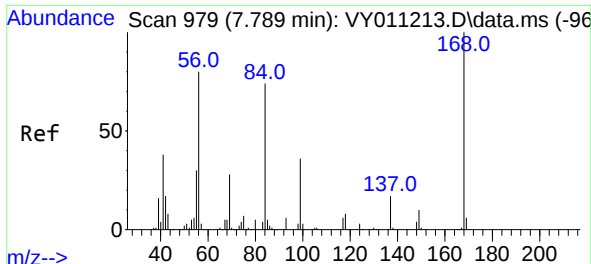
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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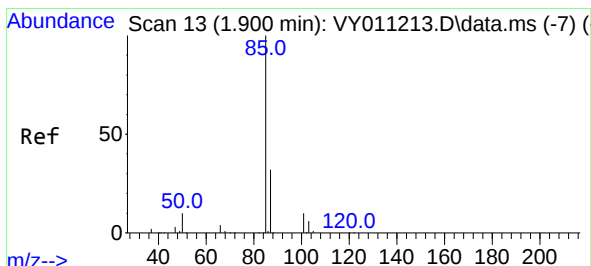
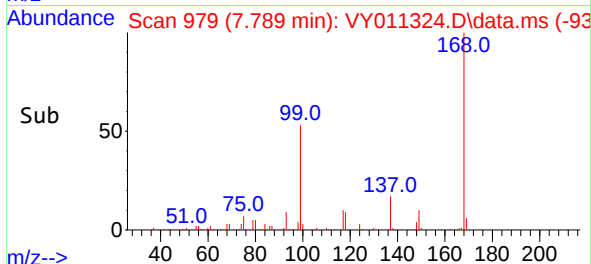
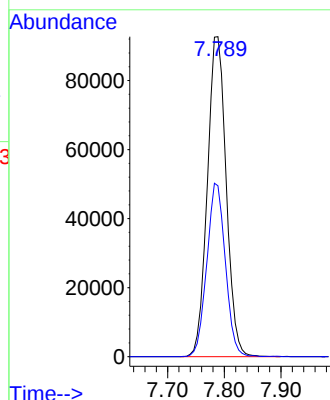
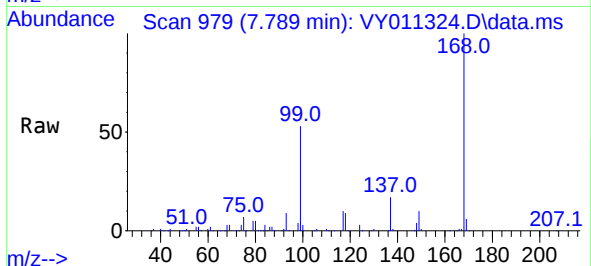




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

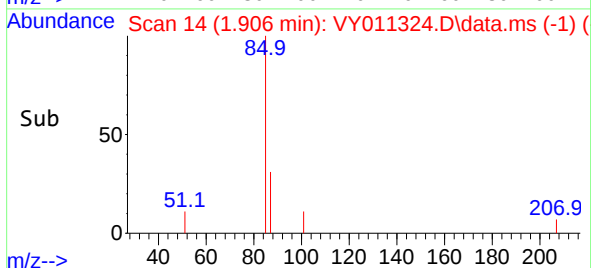
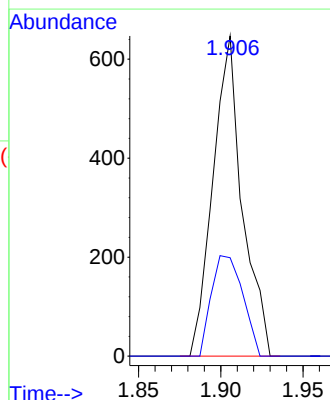
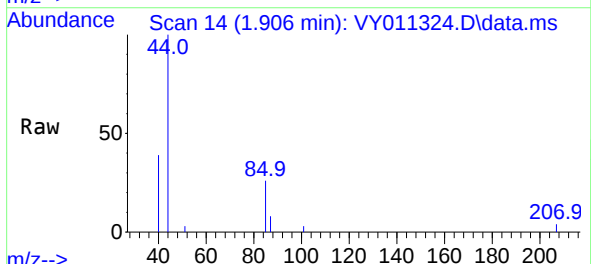
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

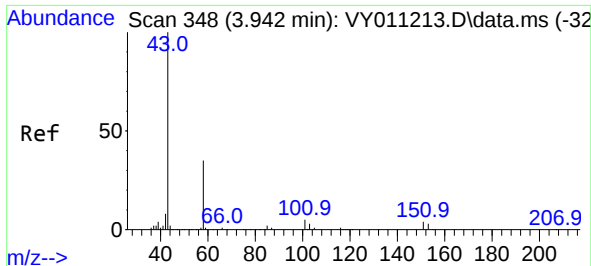
Tgt Ion:168 Resp: 213941
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

Tgt Ion: 85 Resp: 803
Ion Ratio Lower Upper
85 100
87 30.8 16.1 48.2

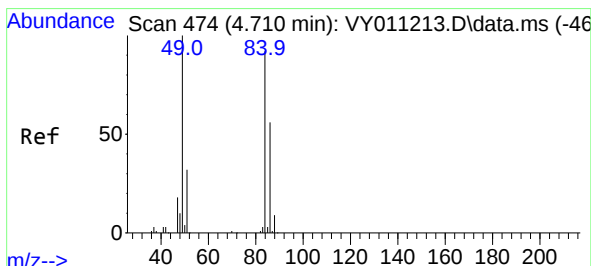
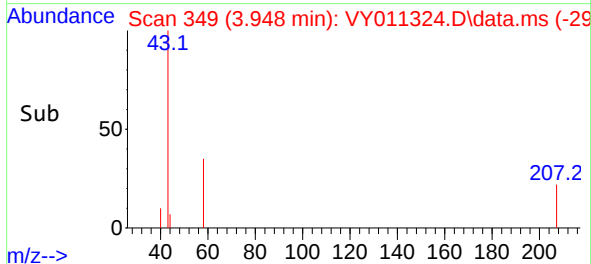
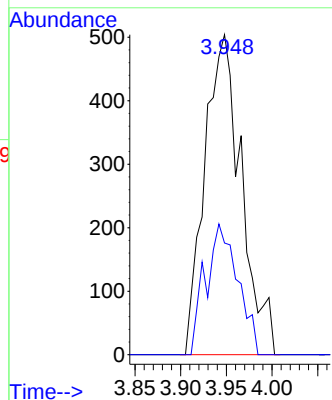
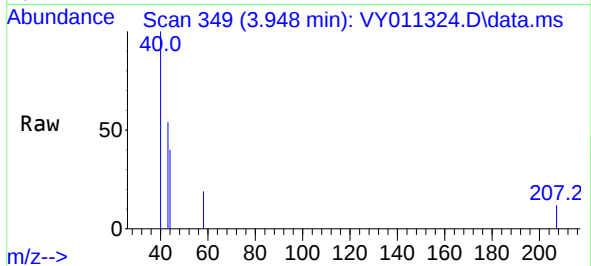




#16
Acetone
Concen: 2.037 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

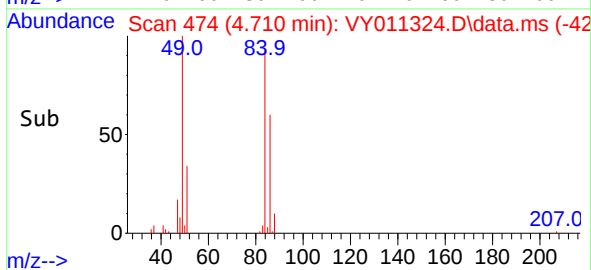
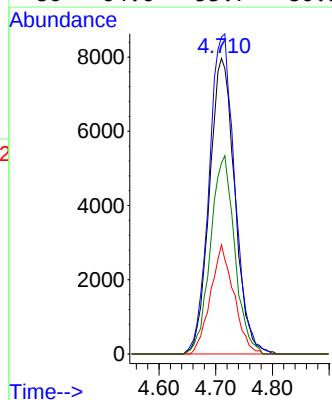
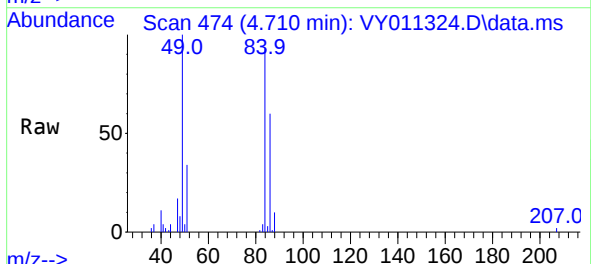
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

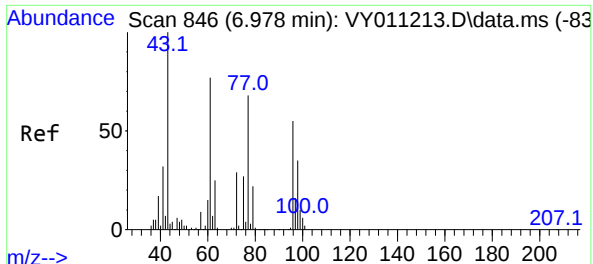
Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
58 34.9 22.0 33.0#



#20
Methylene Chloride
Concen: 4.135 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

Tgt Ion: 84 Resp: 24710
Ion Ratio Lower Upper
84 100
49 107.2 114.4 171.6#
51 36.9 35.3 52.9
86 64.6 53.7 80.5





#25

2-Butanone

Concen: 3.289 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY011324.D

Acq: 07 Nov 2022 10:38

Instrument :

MSVOA_Y

ClientSampleId :

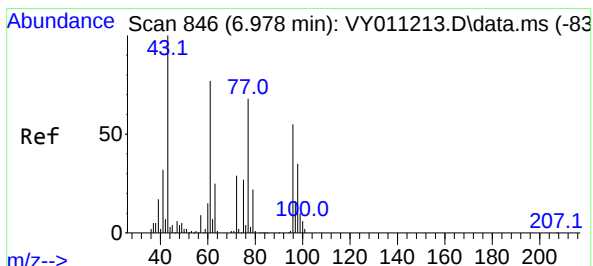
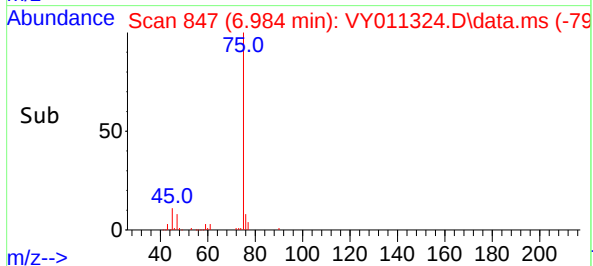
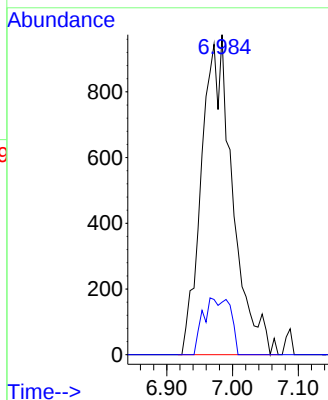
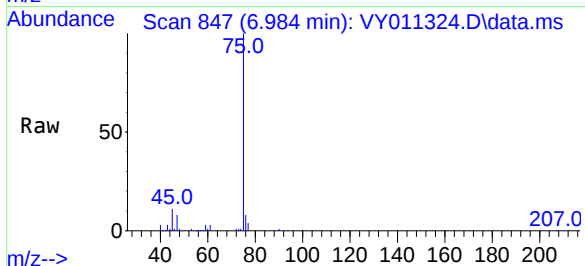
VY1107SBL01

Tgt Ion: 43 Resp: 3196

Ion Ratio Lower Upper

43 100

72 16.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.055 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY011324.D

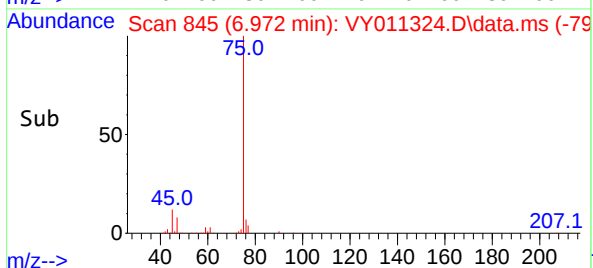
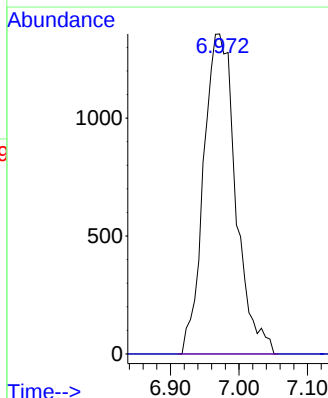
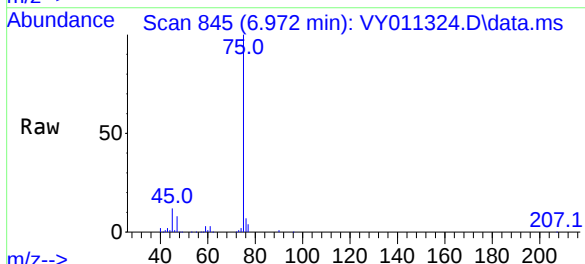
Acq: 07 Nov 2022 10:38

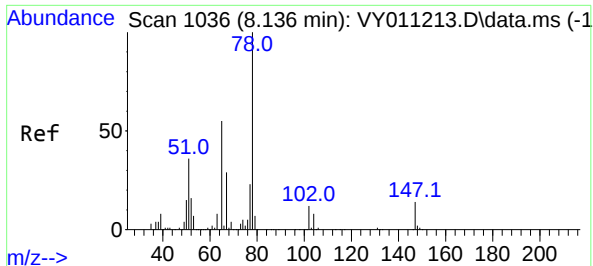
Tgt Ion: 77 Resp: 4416

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#





#33

1,2-Dichloroethane-d4

Concen: 51.338 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. 0.000 min

Lab File: VY011324.D

Acq: 07 Nov 2022 10:38

Instrument :

MSVOA_Y

ClientSampleId :

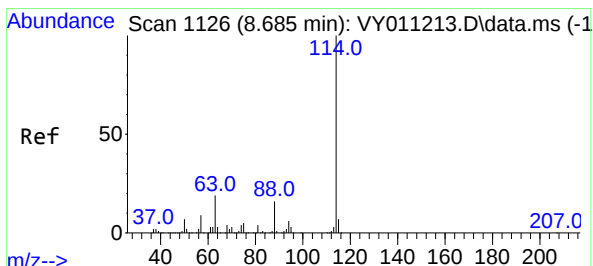
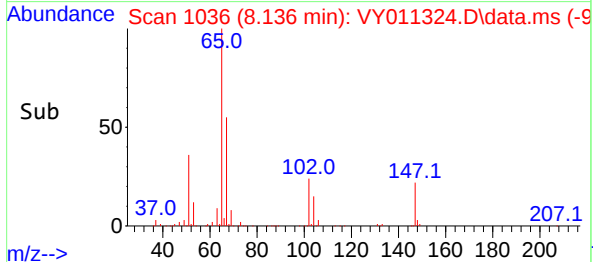
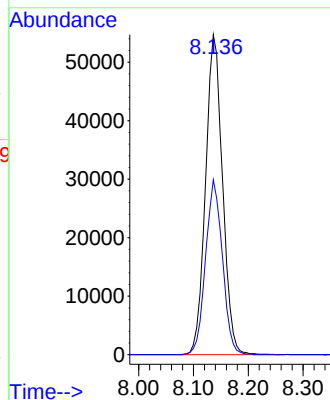
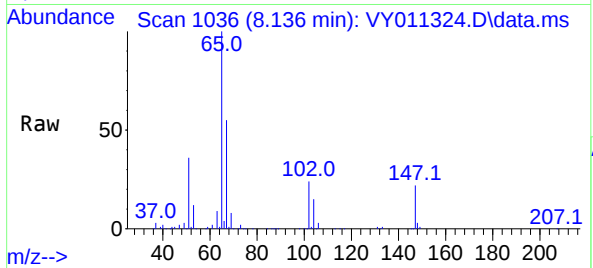
VY1107SBL01

Tgt Ion: 65 Resp: 117467

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY011324.D

Acq: 07 Nov 2022 10:38

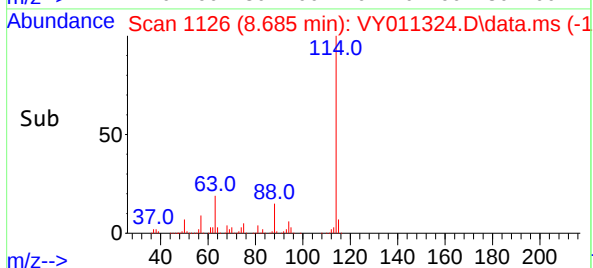
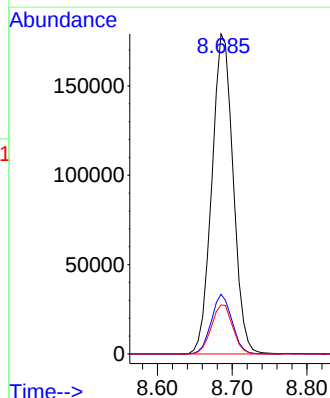
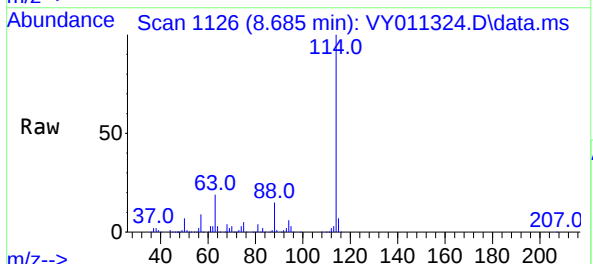
Tgt Ion: 114 Resp: 354830

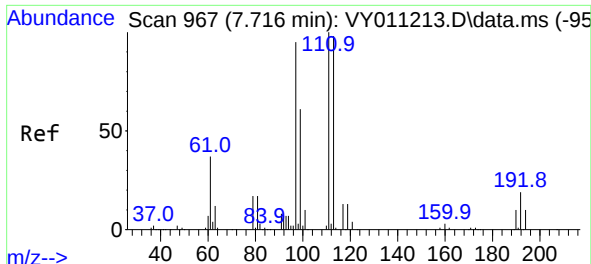
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.3 0.0 31.8

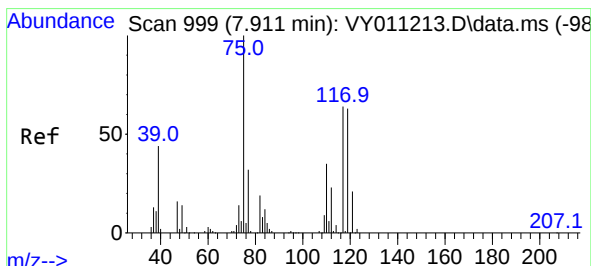
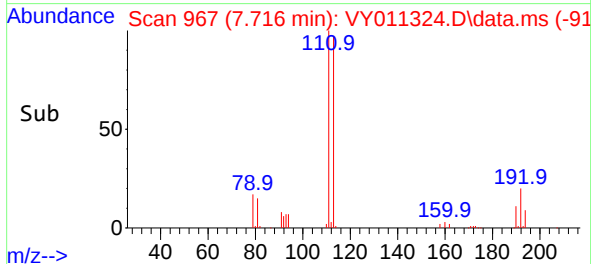
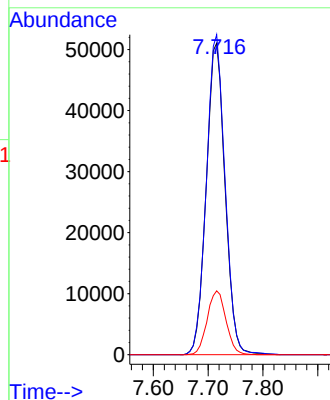
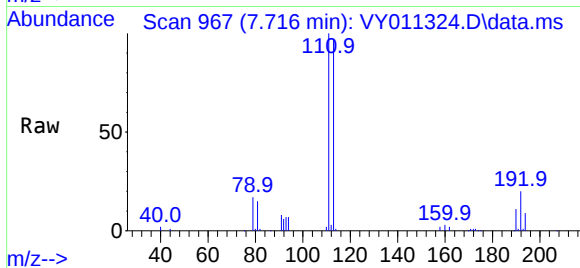




#35
Dibromofluoromethane
Concen: 53.242 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

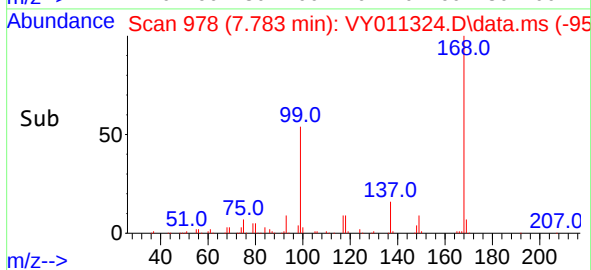
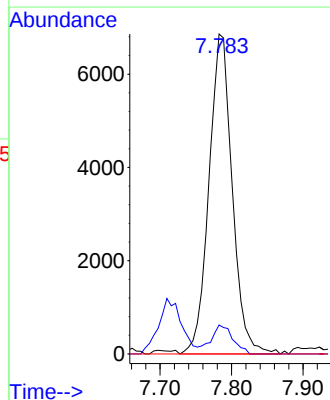
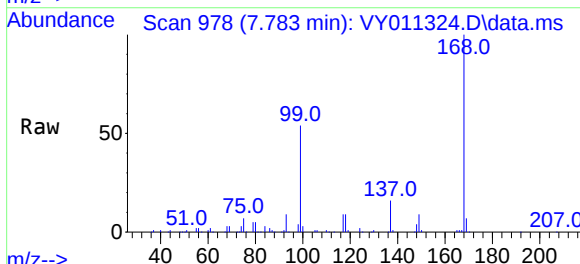
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

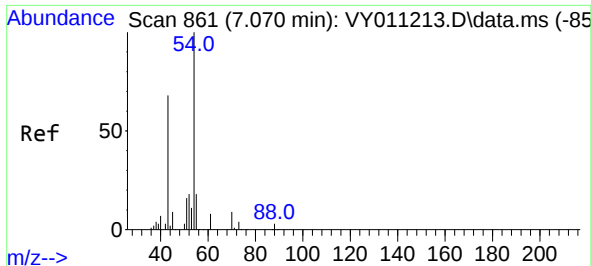
Tgt Ion:113 Resp: 121379
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.166 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

Tgt Ion: 75 Resp: 15510
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.592 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.086 min

Lab File: VY011324.D

Acq: 07 Nov 2022 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBL01

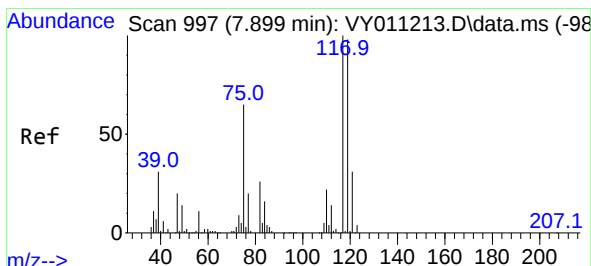
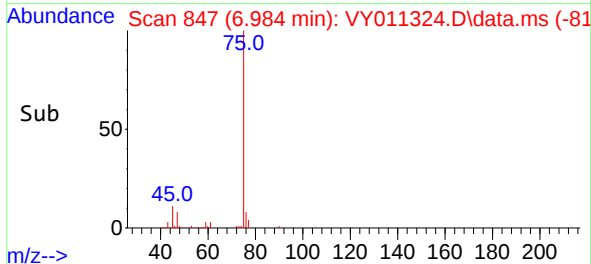
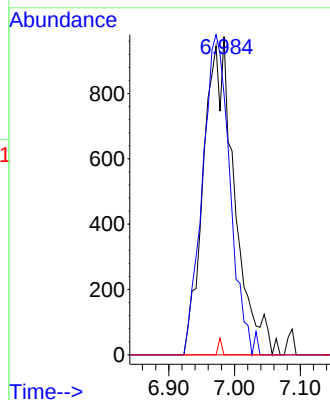
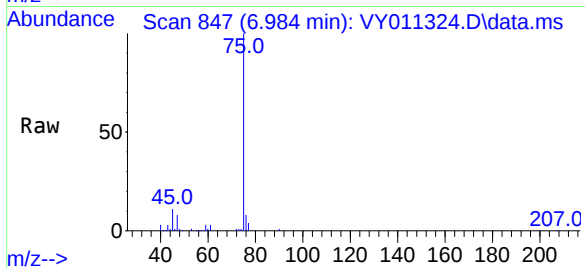
Tgt Ion: 43 Resp: 3196

Ion Ratio Lower Upper

43 100

61 89.1 9.7 14.5#

70 0.6 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.269 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011324.D

Acq: 07 Nov 2022 10:38

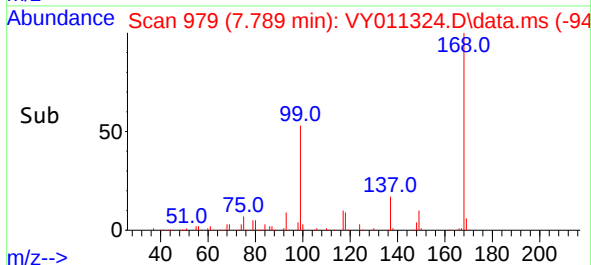
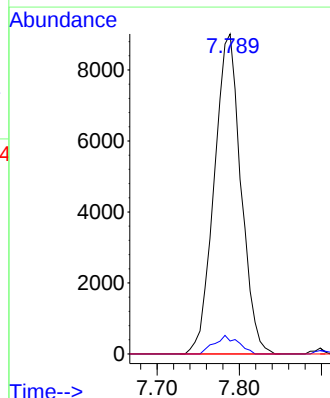
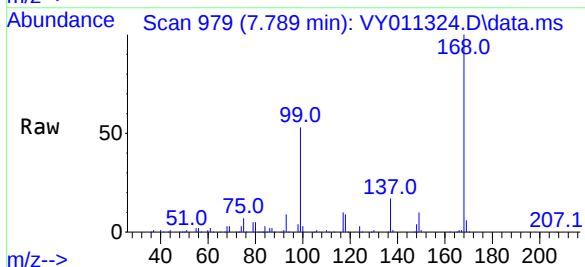
Tgt Ion: 117 Resp: 20351

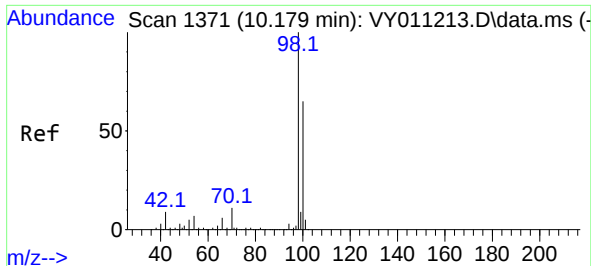
Ion Ratio Lower Upper

117 100

119 4.1 77.9 116.9#

121 0.0 24.8 37.2#

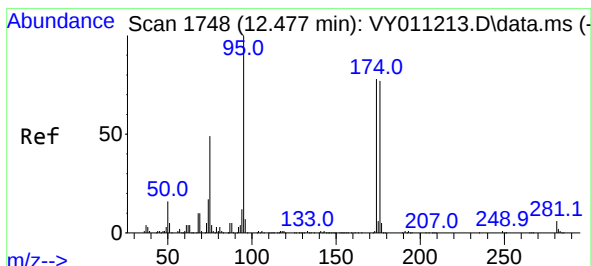
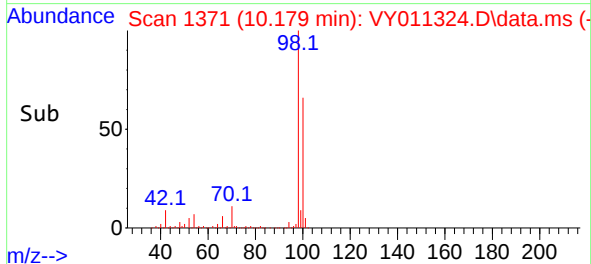
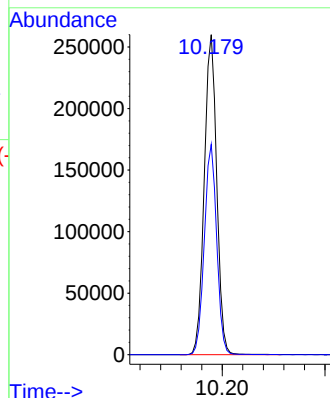
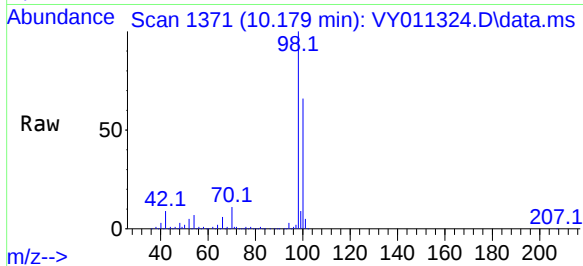




#50
Toluene-d8
Concen: 49.307 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

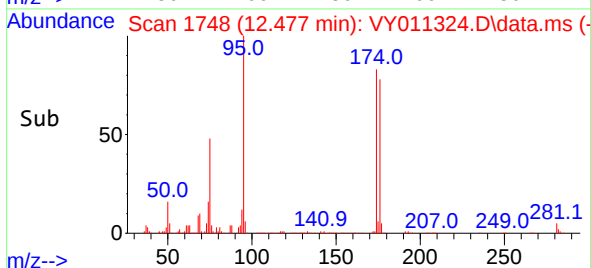
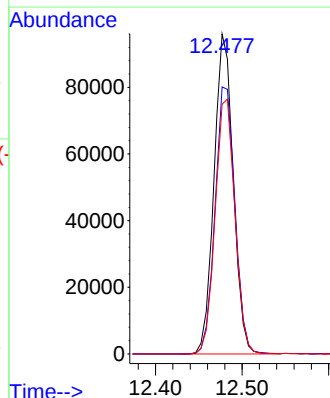
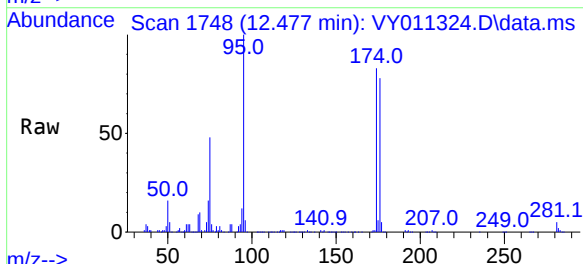
Instrument :
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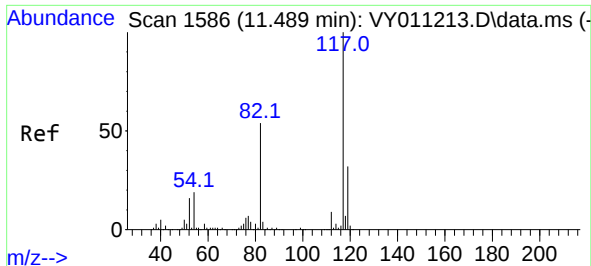
Tgt Ion: 98 Resp: 436437
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.129 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

Tgt Ion: 95 Resp: 147895
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 82.0 0.0 175.8

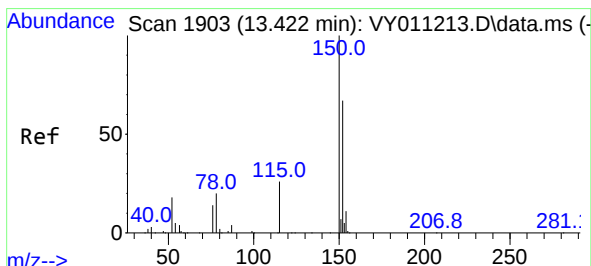
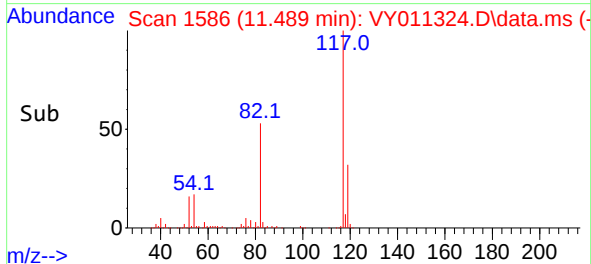
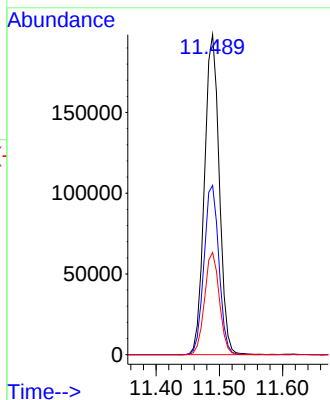
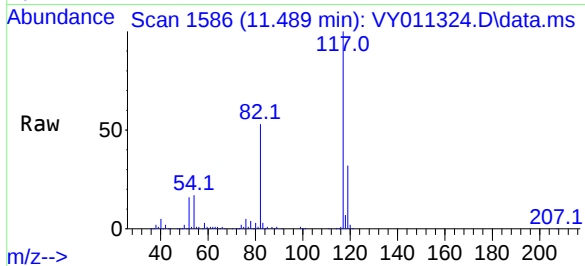




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

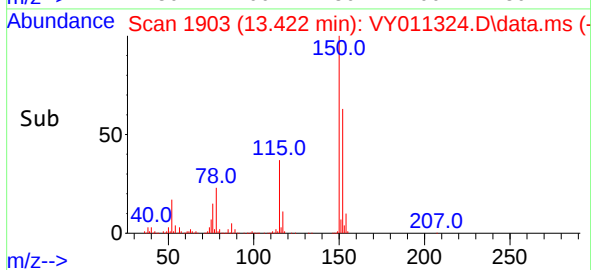
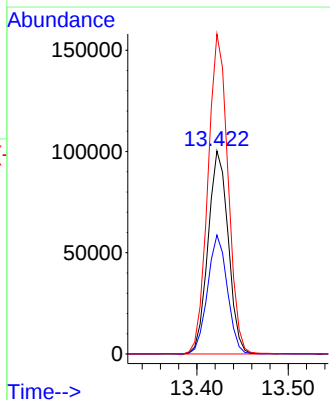
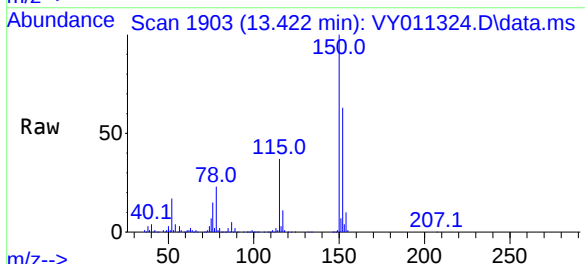
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

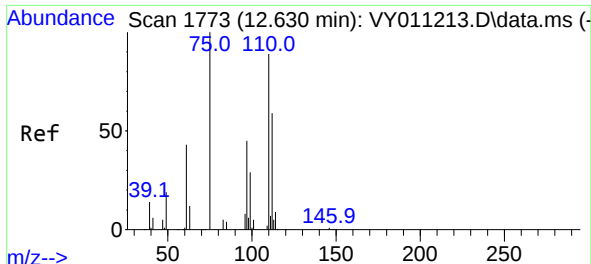
Tgt Ion:117 Resp: 323236
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

Tgt Ion:152 Resp: 153706
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.7 0.0 347.6

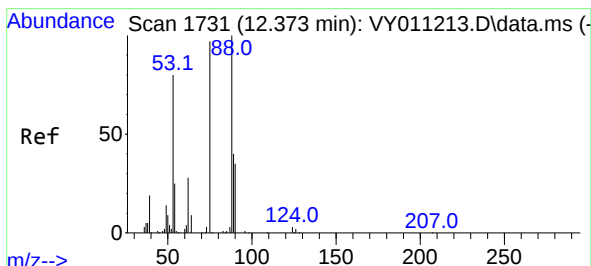
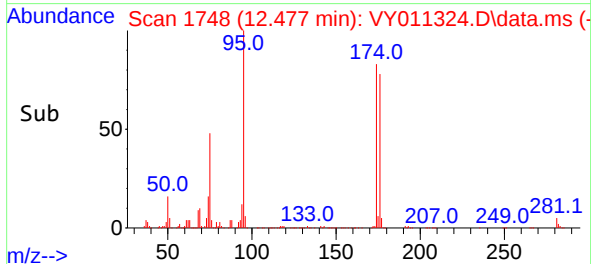
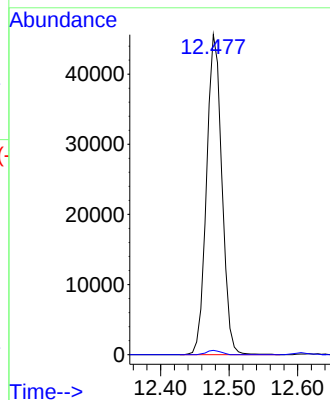
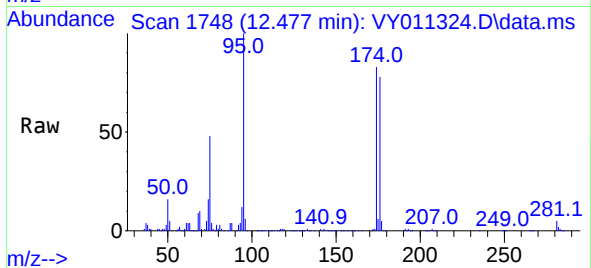




#76
1,2,3-Trichloropropane
Concen: 38.067 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

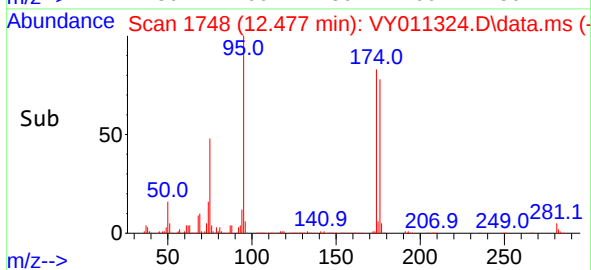
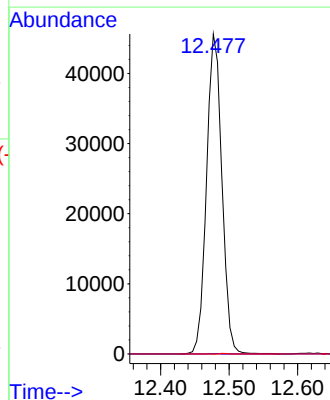
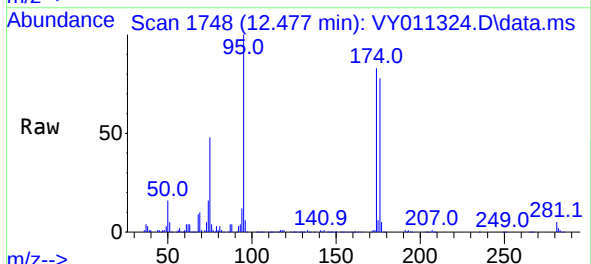
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

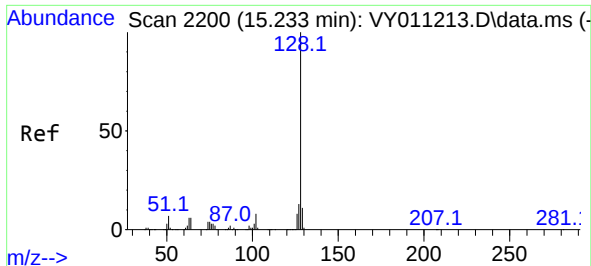
Tgt Ion: 75 Resp: 71233
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.469 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

Tgt Ion: 75 Resp: 71233
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 4.134 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011324.D
Acq: 07 Nov 2022 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

Tgt Ion:128 Resp: 1231
Ion Ratio Lower Upper
128 100
127 10.0 11.0 16.4#
129 5.5 8.4 12.6#

