

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014353.D
 Acq On : 21 Jun 2023 23:07
 Operator : KP/MD
 Sample : VY0621SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0621SBL02

Quant Time: Jun 22 02:00:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

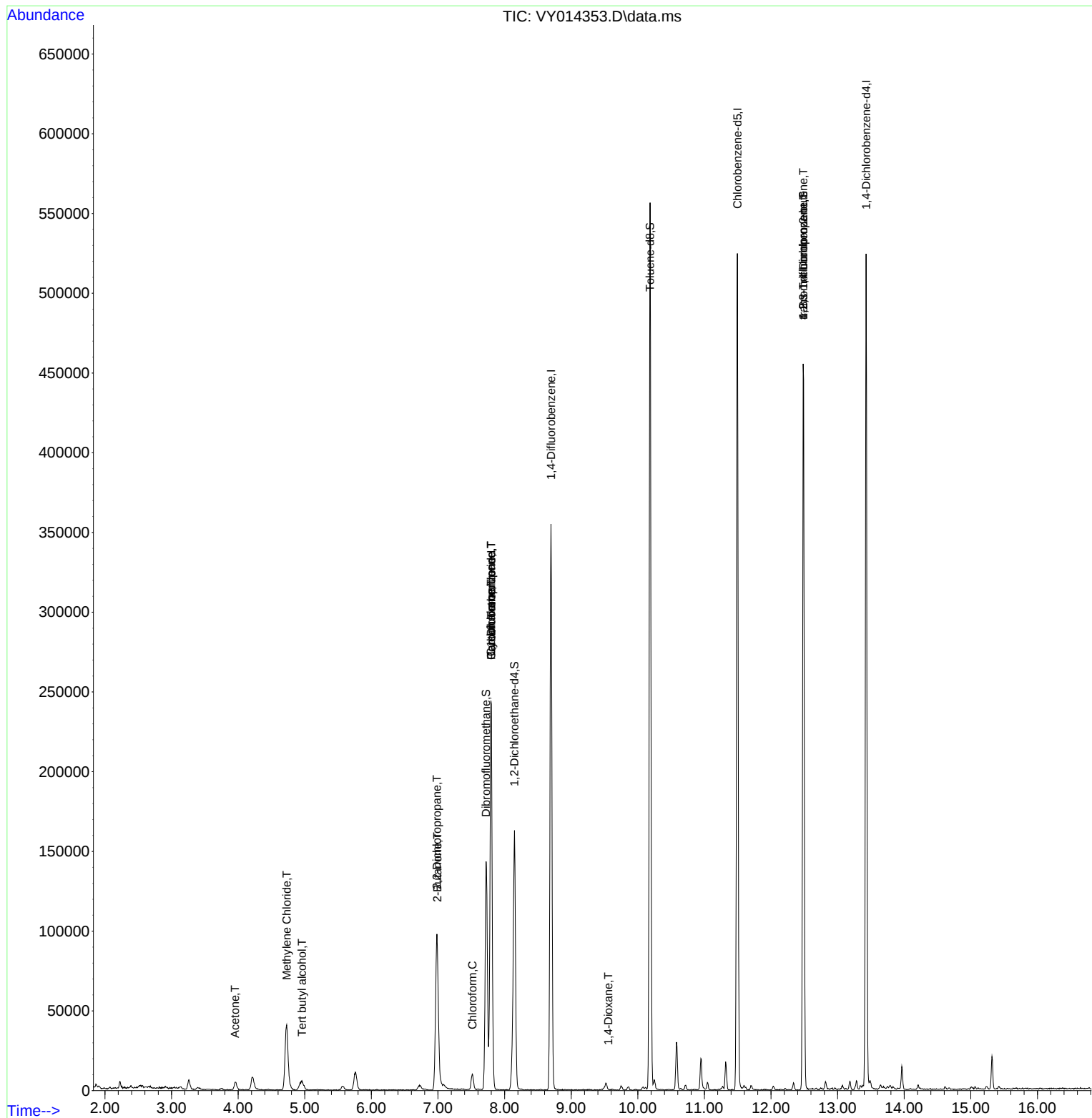
Internal Standards						
1) Pentafluorobenzene	7.801	168	189926	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	298104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	281697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126288	47.750	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.500%
35) Dibromofluoromethane	7.722	113	97037	45.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.800%
50) Toluene-d8	10.185	98	355197	44.941	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.880%
62) 4-Bromofluorobenzene	12.483	95	116260	41.409	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	9312	10.809	ug/l	99
13) Acrolein	3.759	56	19	Below Cal	#	14
16) Acetone	3.954	43	8928	11.199	ug/l	95
20) Methylene Chloride	4.729	84	30711	9.137	ug/l	88
25) 2-Butanone	6.990	43	6058	6.173	ug/l #	79
26) 2,2-Dichloropropane	6.984	77	7305	1.792	ug/l #	54
30) Chloroform	7.515	83	9518	2.068	ug/l	95
31) Cyclohexane	7.795	56	4131	1.166	ug/l #	40
36) 1,1-Dichloropropene	7.795	75	14749	4.475	ug/l #	51
38) Carbon Tetrachloride	7.801	117	18835	4.952	ug/l #	16
49) 1,4-Dioxane	9.557	88	26	1.335	ug/l #	36
76) 1,2,3-Trichloropropane	12.483	75	63240	36.447	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63240	78.785	ug/l #	11

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

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Quant Title : SW846 8260
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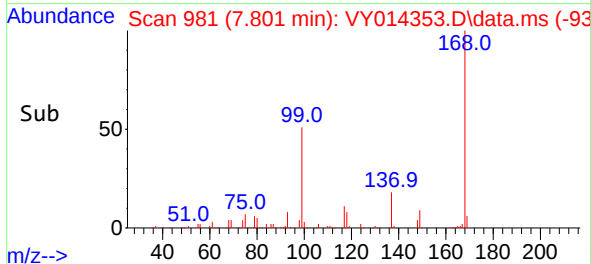
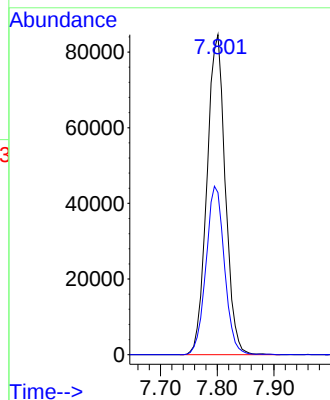
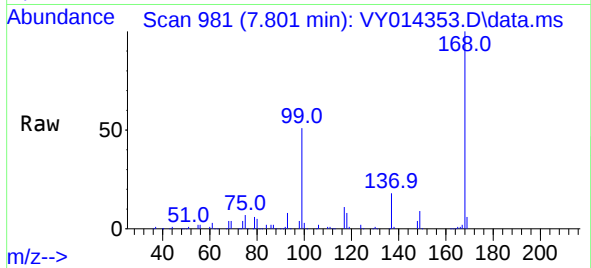




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

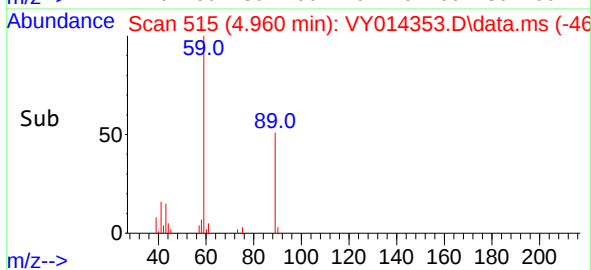
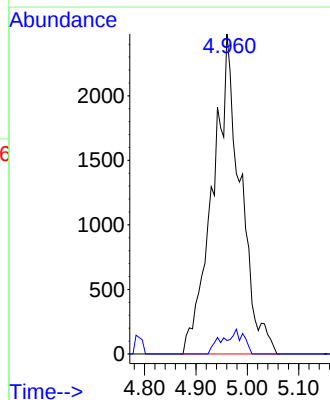
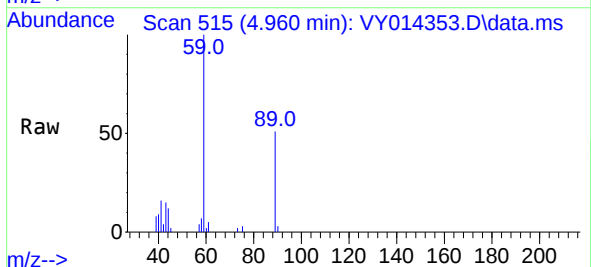
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL02

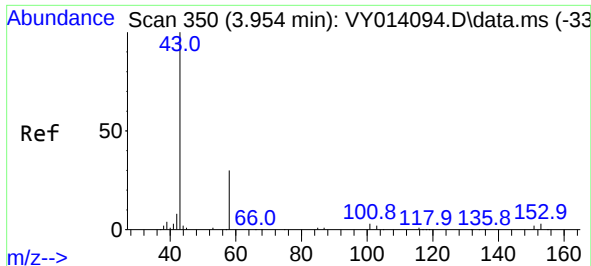
Tgt Ion:168 Resp: 189926
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 10.809 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

Tgt Ion: 59 Resp: 9312
Ion Ratio Lower Upper
59 100
57 3.5 3.0 4.4

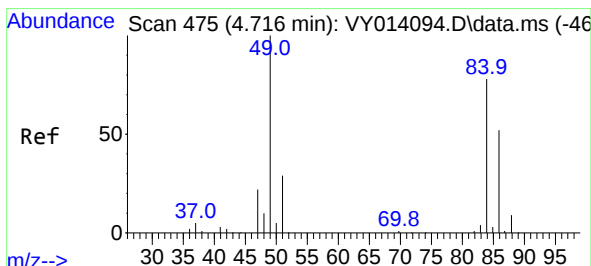
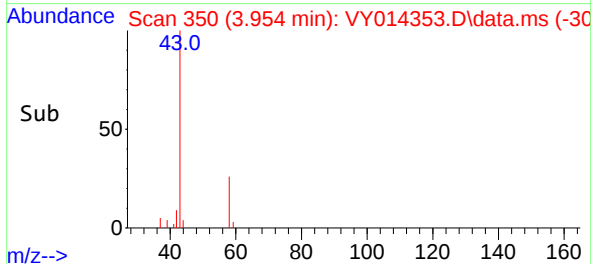
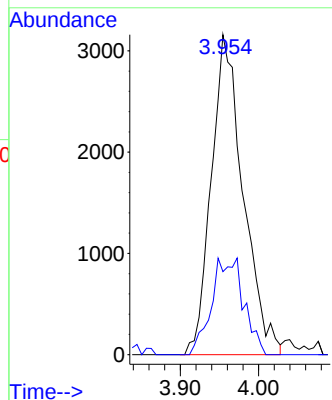
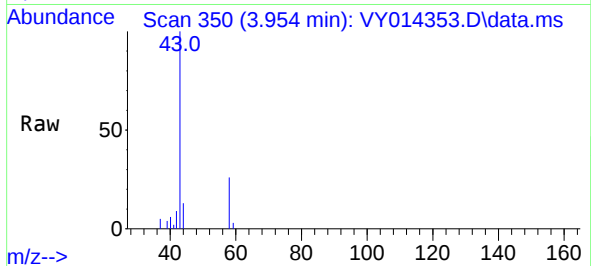




#16
Acetone
Concen: 11.199 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

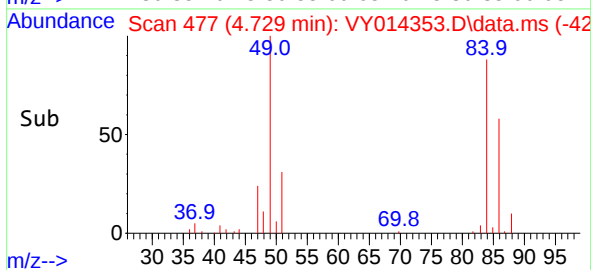
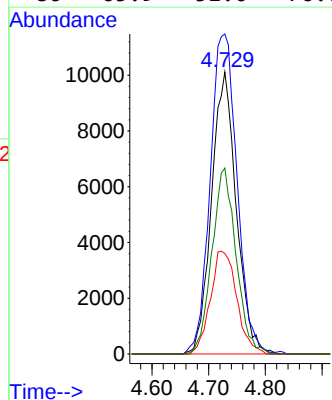
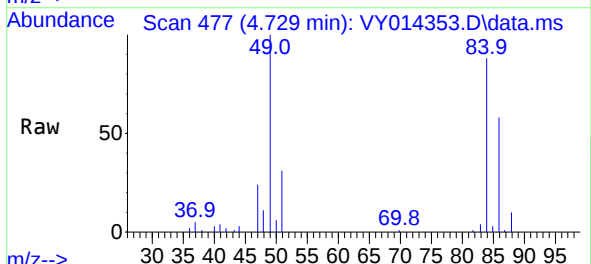
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL02

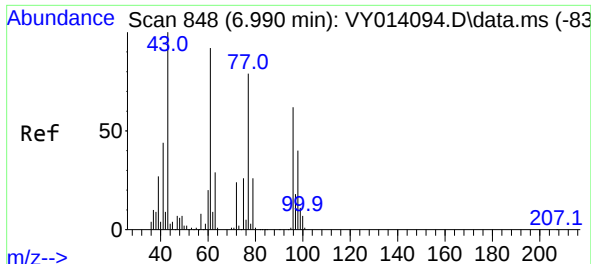
Tgt Ion: 43 Resp: 8928
Ion Ratio Lower Upper
43 100
58 25.9 22.7 34.1



#20
Methylene Chloride
Concen: 9.137 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

Tgt Ion: 84 Resp: 30711
Ion Ratio Lower Upper
84 100
49 113.5 106.9 160.3
51 35.6 33.2 49.8
86 65.9 51.0 76.6

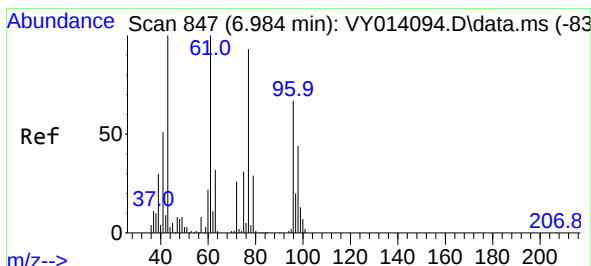
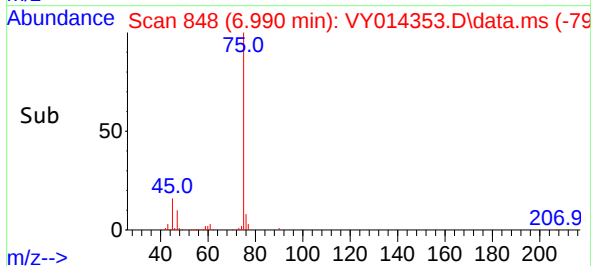
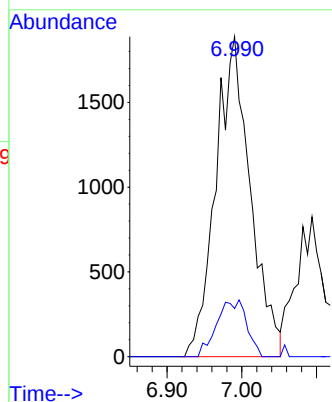
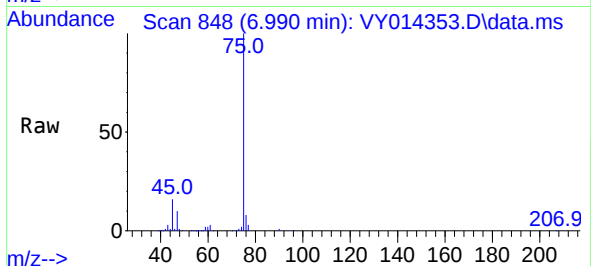




#25
2-Butanone
Concen: 6.173 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

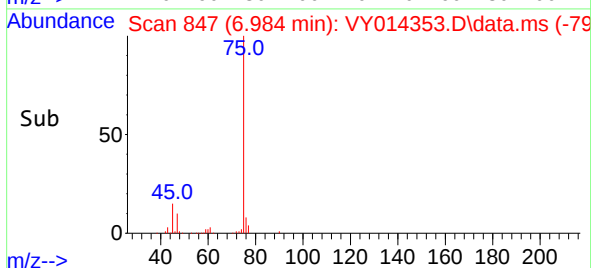
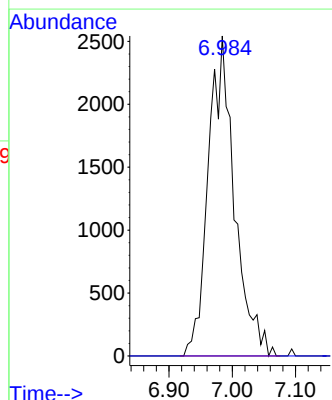
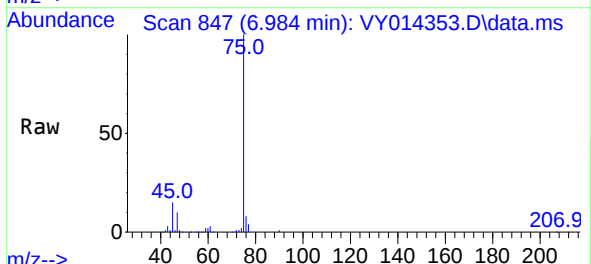
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL02

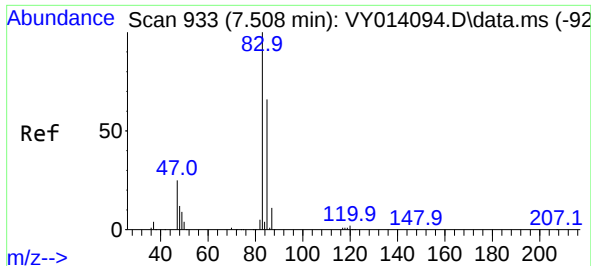
Tgt Ion: 43 Resp: 6058
Ion Ratio Lower Upper
43 100
72 15.0 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.792 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

Tgt Ion: 77 Resp: 7305
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

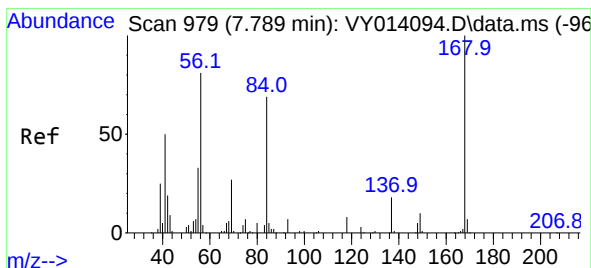
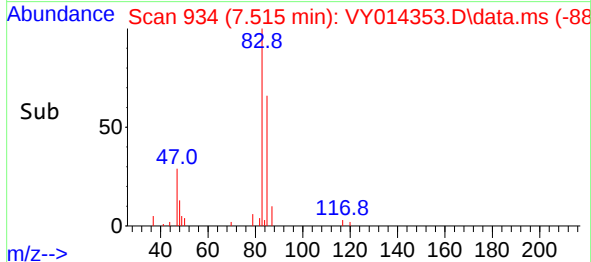
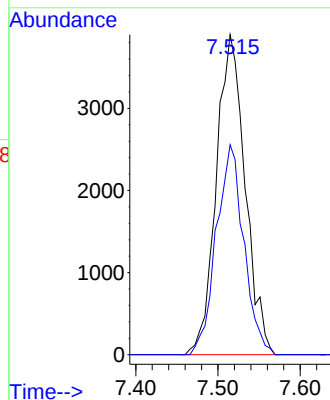
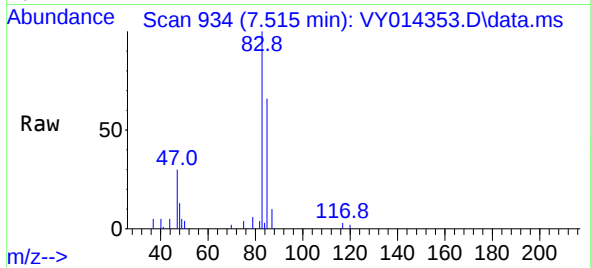




#30
Chloroform
Concen: 2.068 ug/l
RT: 7.515 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

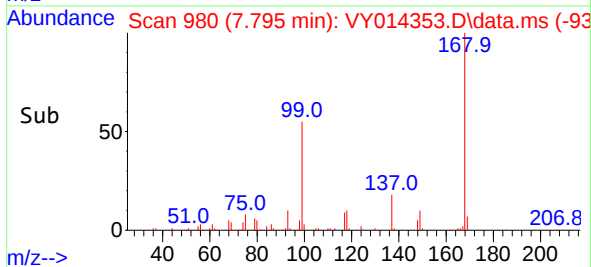
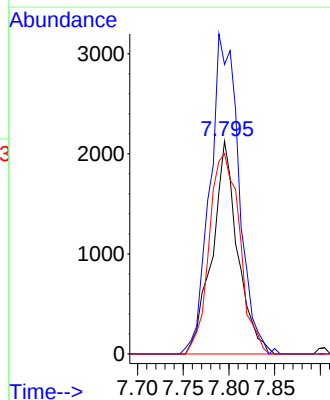
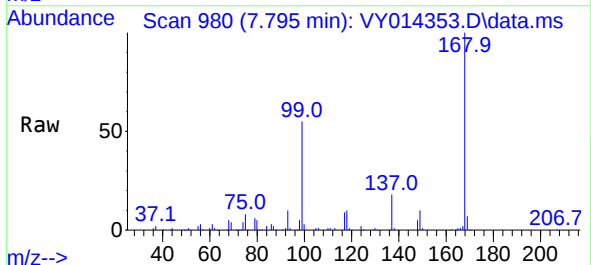
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL02

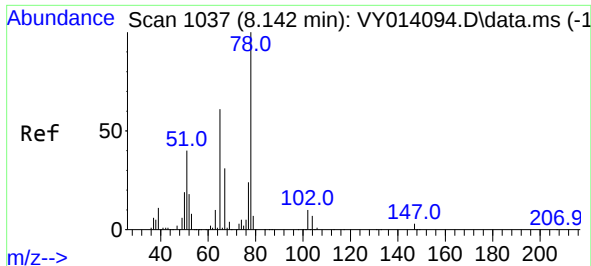
Tgt Ion: 83 Resp: 9518
Ion Ratio Lower Upper
83 100
85 65.6 49.7 74.5



#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

Tgt Ion: 56 Resp: 4131
Ion Ratio Lower Upper
56 100
69 136.0 27.8 41.6#
84 94.2 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 47.750 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014353.D

Acq: 21 Jun 2023 23:07

Instrument :

MSVOA_Y

ClientSampleId :

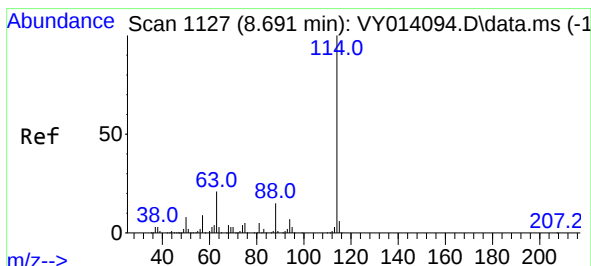
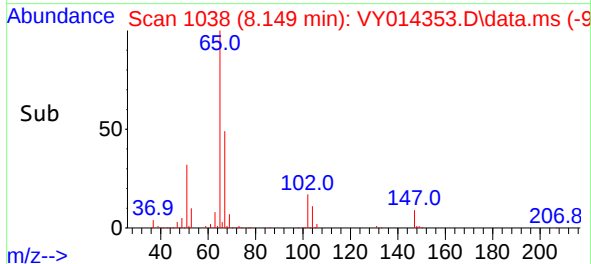
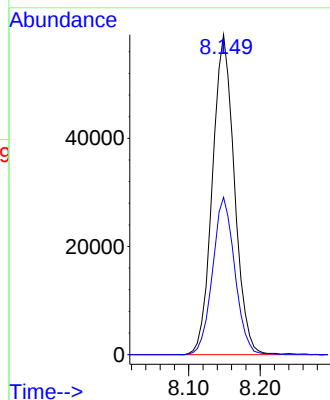
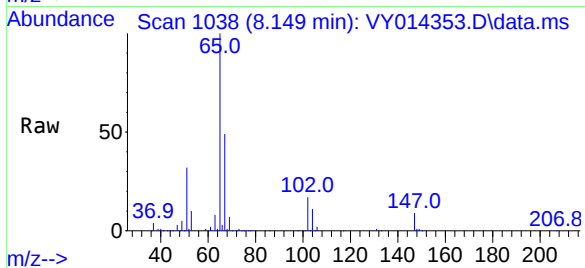
VY0621SBL02

Tgt Ion: 65 Resp: 126288

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014353.D

Acq: 21 Jun 2023 23:07

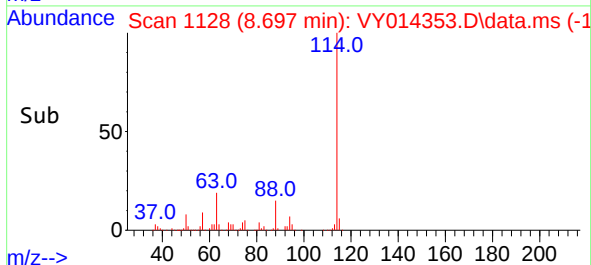
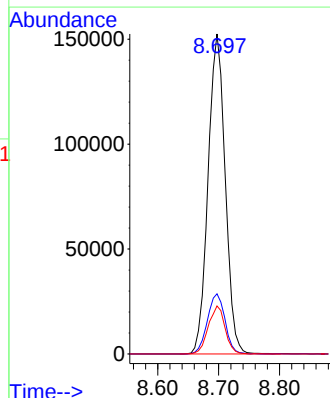
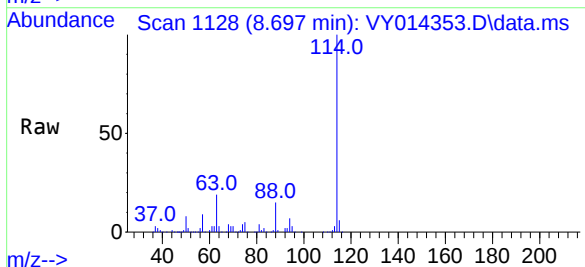
Tgt Ion:114 Resp: 298104

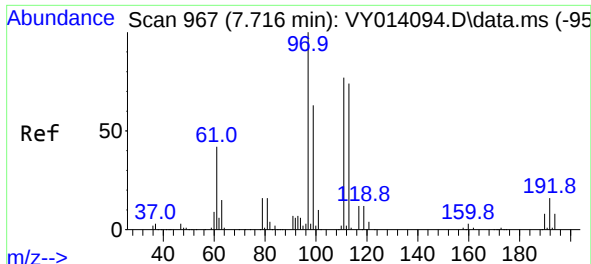
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.0 0.0 30.6

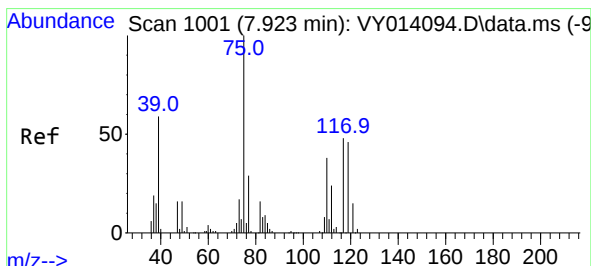
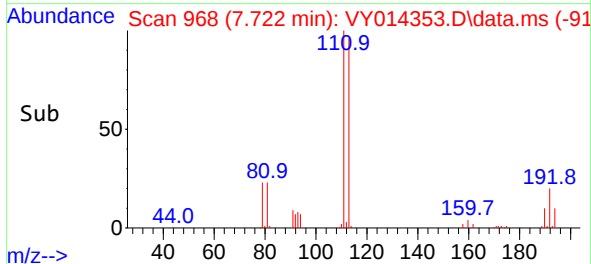
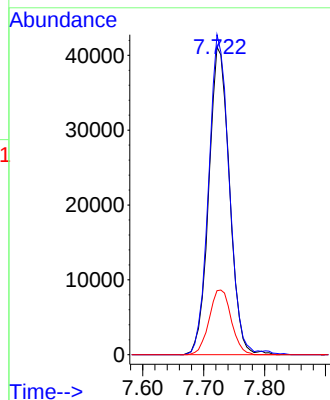
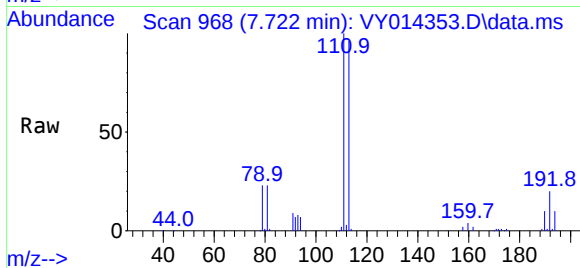




#35
Dibromofluoromethane
Concen: 45.900 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

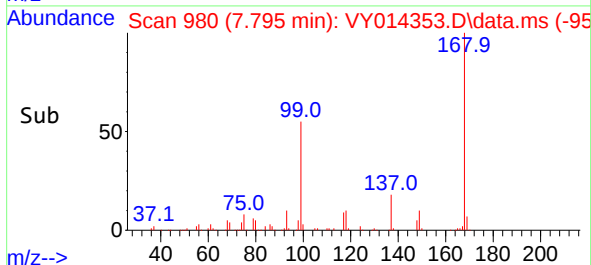
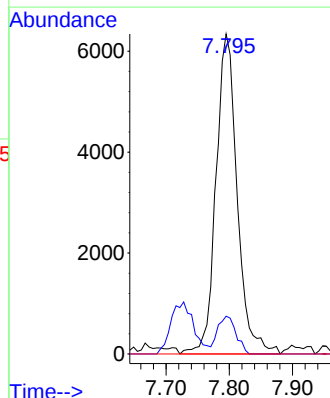
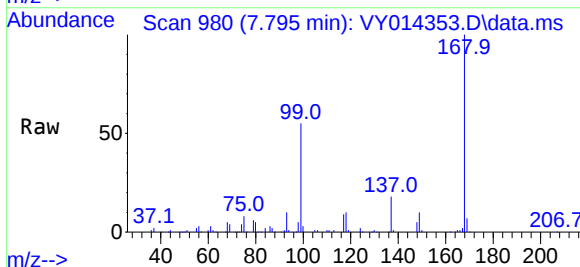
Instrument :
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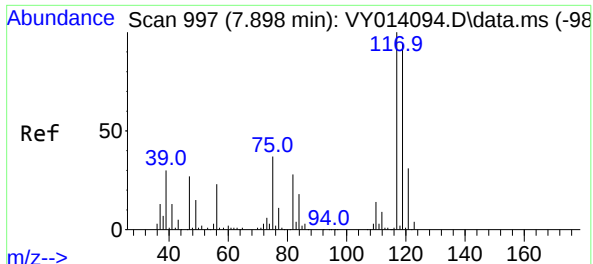
Tgt Ion:113 Resp: 97037
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 22.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.475 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

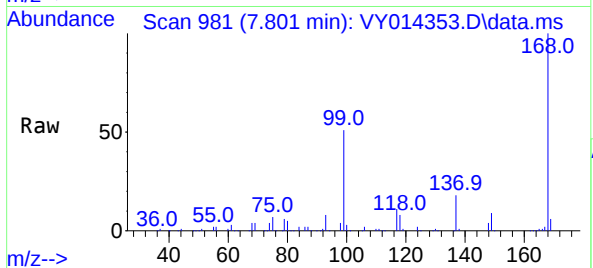
Tgt Ion: 75 Resp: 14749
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#



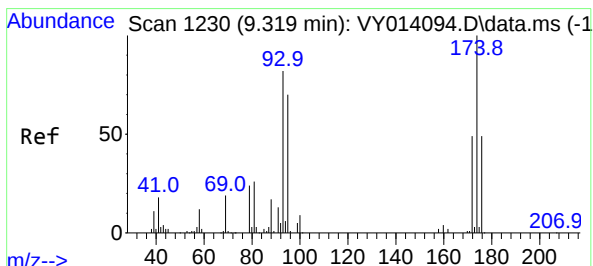
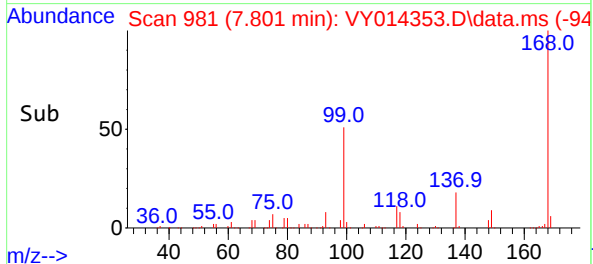
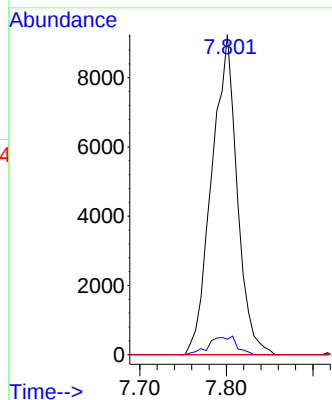


#38
Carbon Tetrachloride
Concen: 4.952 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL02

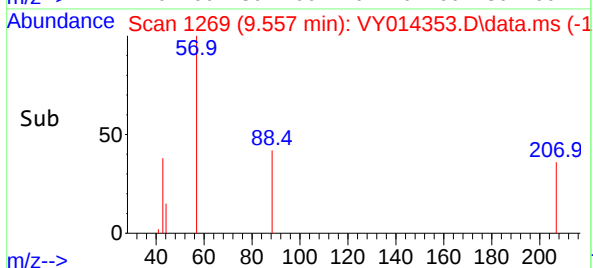
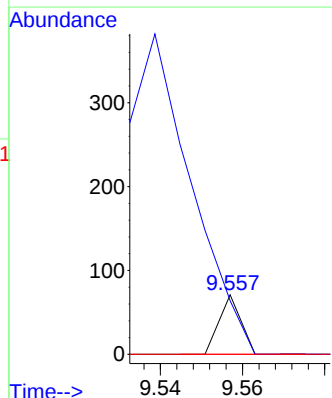
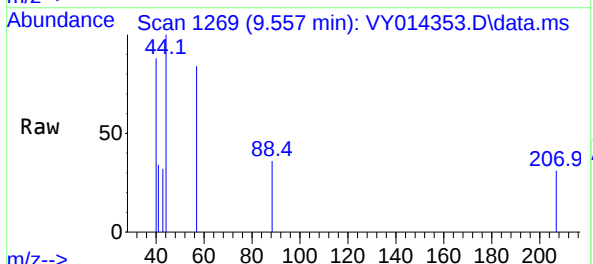


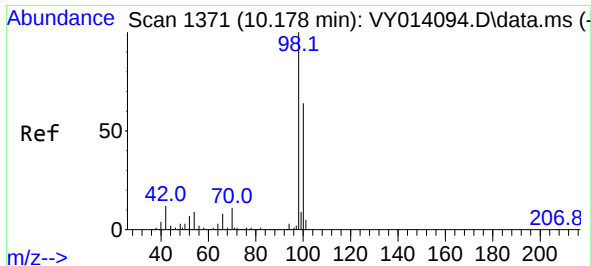
Tgt Ion:117 Resp: 18835
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#



#49
1,4-Dioxane
Concen: 1.335 ug/l
RT: 9.557 min Scan# 1269
Delta R.T. 0.238 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 30.9 46.3#

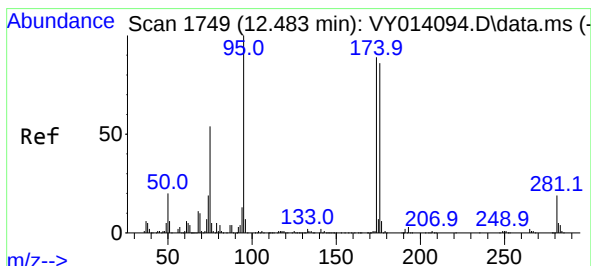
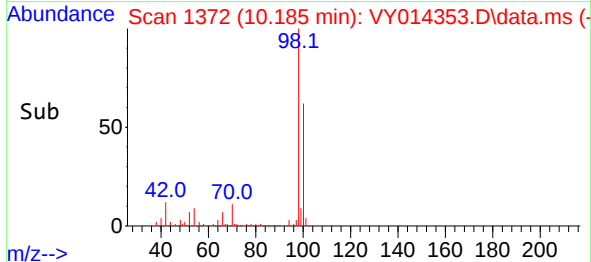
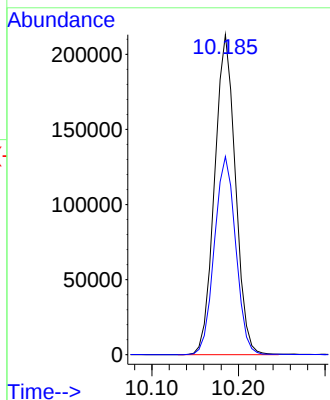
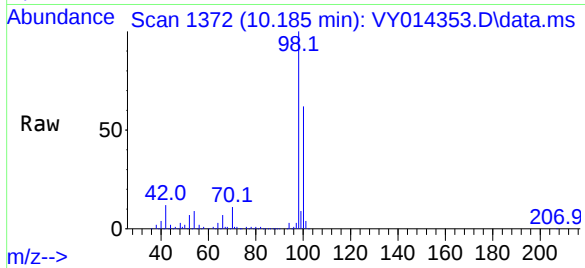




#50
Toluene-d8
Concen: 44.941 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

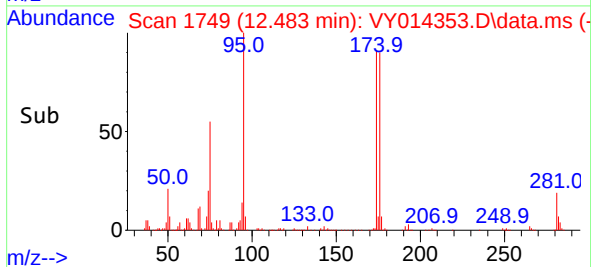
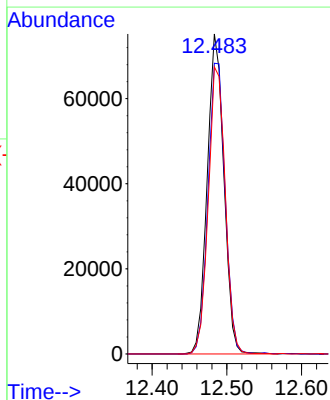
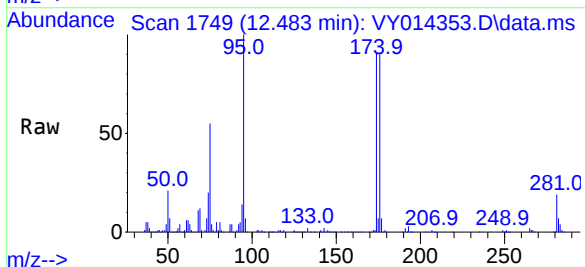
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL02

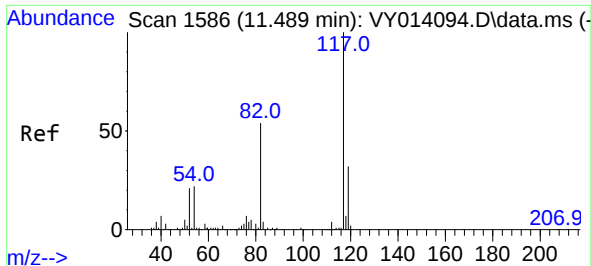
Tgt Ion: 98 Resp: 355197
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.409 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

Tgt Ion: 95 Resp: 116260
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.2
176 91.2 0.0 173.8

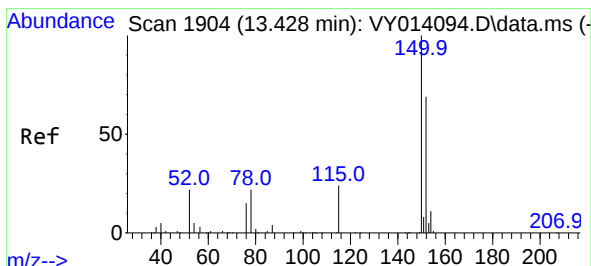
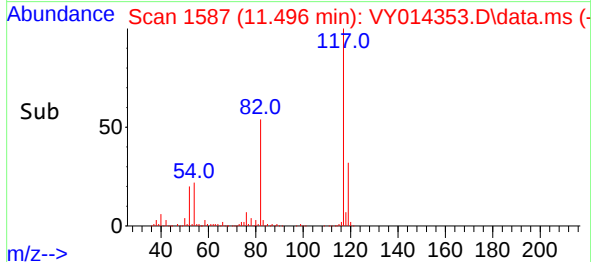
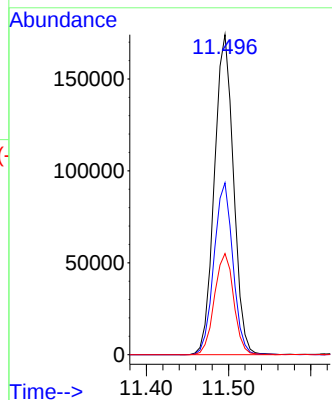
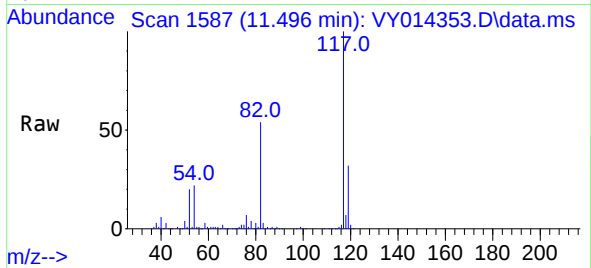




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

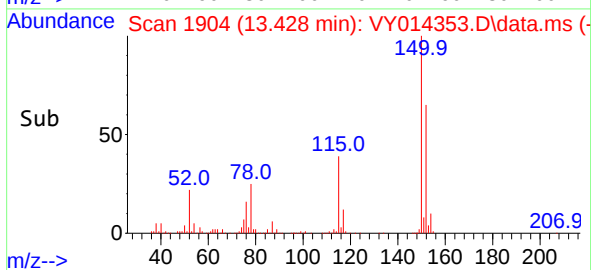
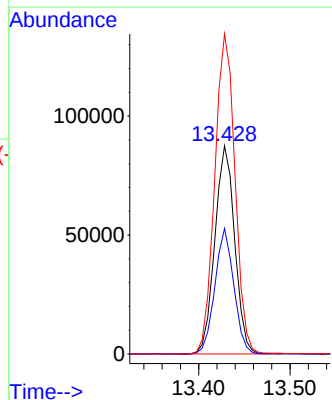
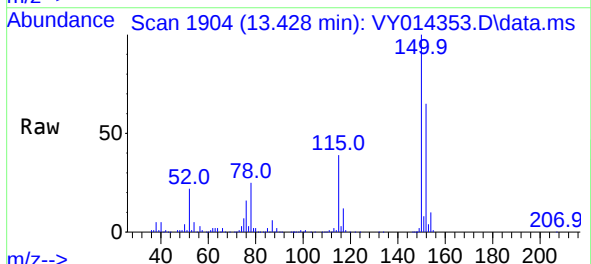
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL02

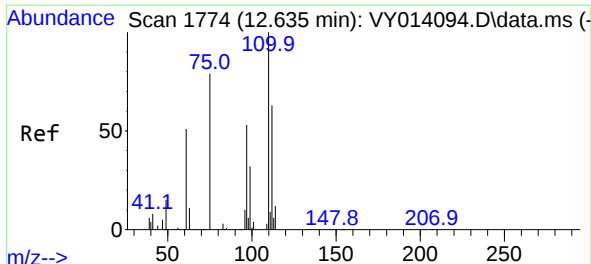
Tgt Ion:117 Resp: 281697
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

Tgt Ion:152 Resp: 132251
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 157.1 0.0 348.8

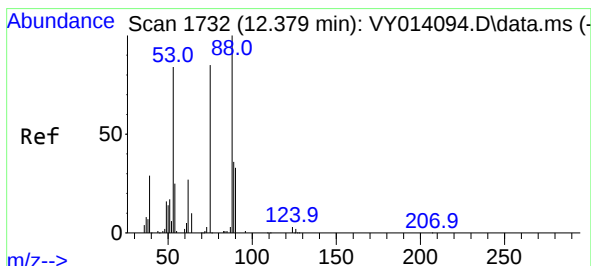
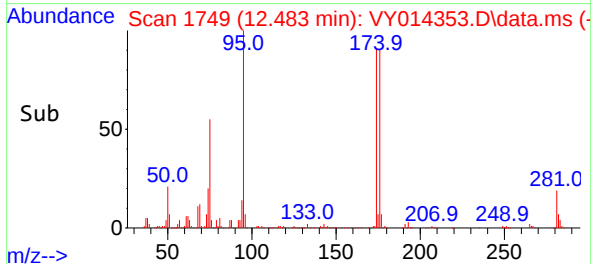
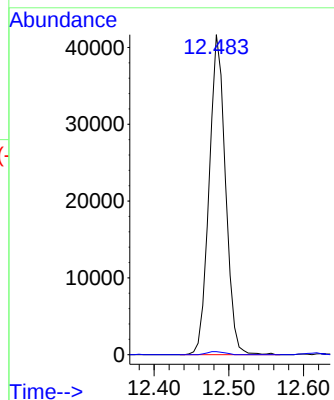
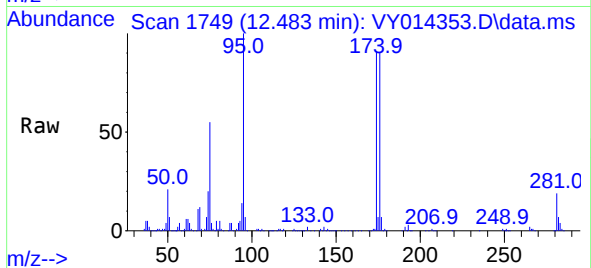




#76
1,2,3-Trichloropropane
Concen: 36.447 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL02

Tgt Ion: 75 Resp: 63240
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.785 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014353.D
Acq: 21 Jun 2023 23:07

Tgt Ion: 75 Resp: 63240
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.1 37.4 56.0#

