

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014302.D
 Acq On : 20 Jun 2023 23:42
 Operator : KP/MD
 Sample : VY0620SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBL02

Quant Time: Jun 21 02:11:15 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)

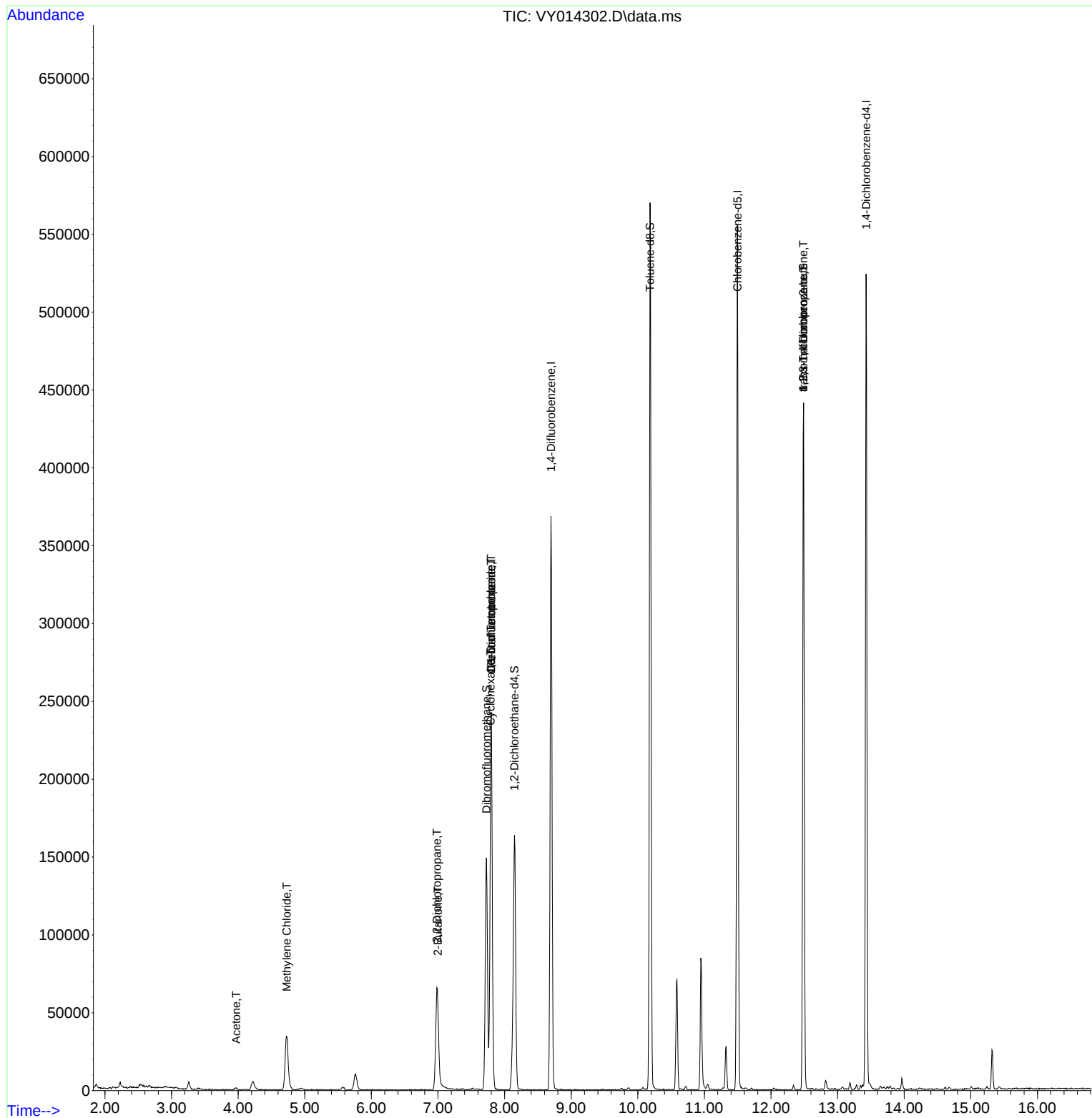
Internal Standards						
1) Pentafluorobenzene	7.801	168	192507	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	304170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	290983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	129085	48.154	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.300%		
35) Dibromofluoromethane	7.728	113	100493	46.587	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.180%		
50) Toluene-d8	10.185	98	365077	45.269	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.540%		
62) 4-Bromofluorobenzene	12.483	95	117379	40.973	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	81.940%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1739	Below Cal	#	89
13) Acrolein	3.850	56	52	Below Cal	#	14
16) Acetone	3.972	43	2252	2.787	ug/l #	87
20) Methylene Chloride	4.728	84	26039	7.011	ug/l	92
25) 2-Butanone	6.996	43	4169	4.191	ug/l	99
26) 2,2-Dichloropropane	6.984	77	5195	1.258	ug/l #	54
31) Cyclohexane	7.789	56	4470	1.245	ug/l #	41
36) 1,1-Dichloropropene	7.795	75	14801	4.401	ug/l #	51
38) Carbon Tetrachloride	7.795	117	18909	4.872	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	63867	36.493	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63867	78.883	ug/l #	11

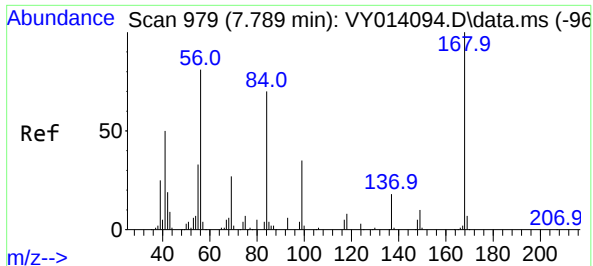
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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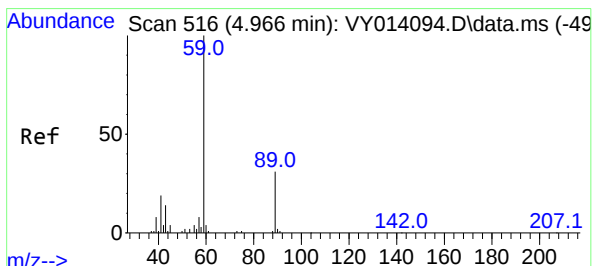
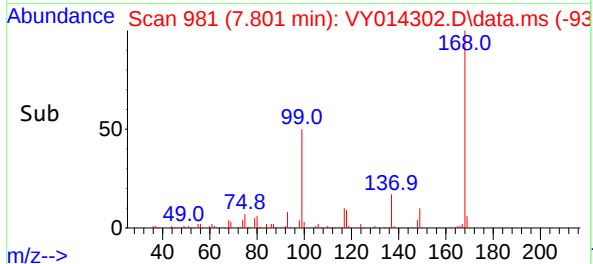
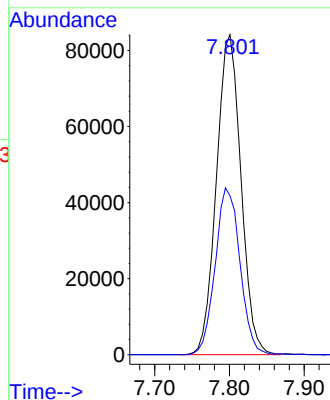
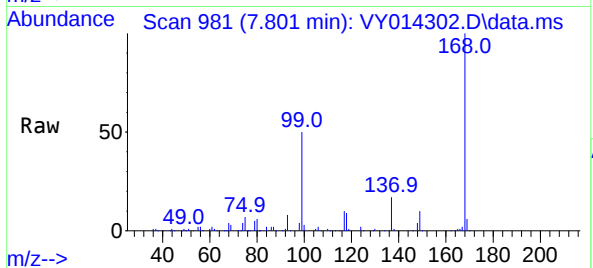




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

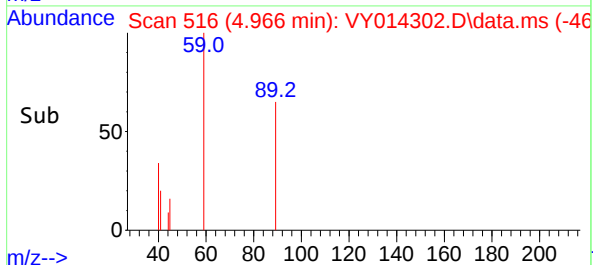
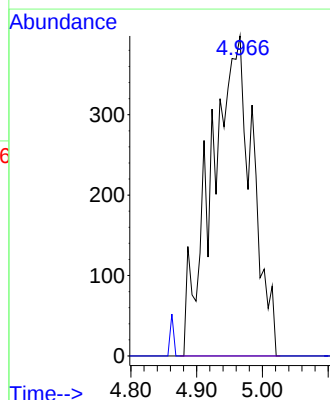
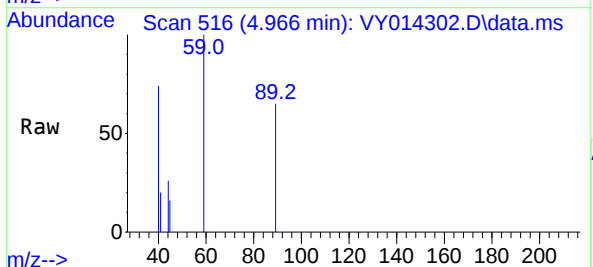
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL02

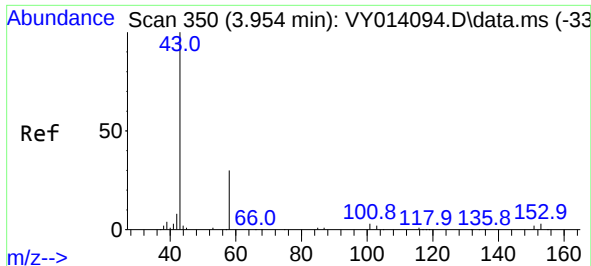
Tgt Ion:168 Resp: 192507
Ion Ratio Lower Upper
168 100
99 49.7 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

Tgt Ion: 59 Resp: 1739
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

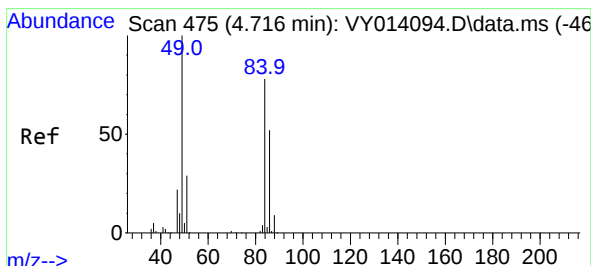
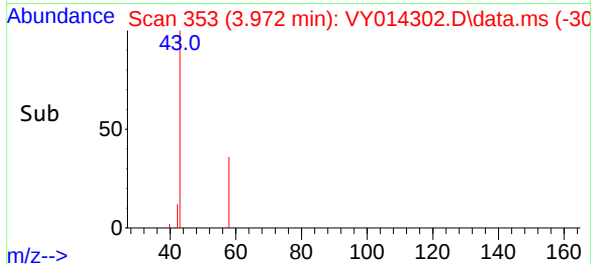
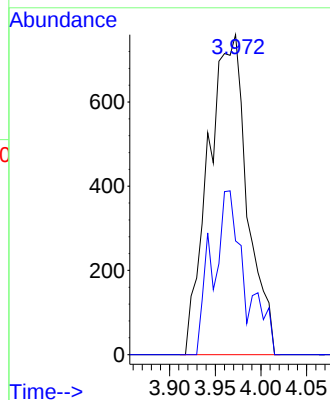
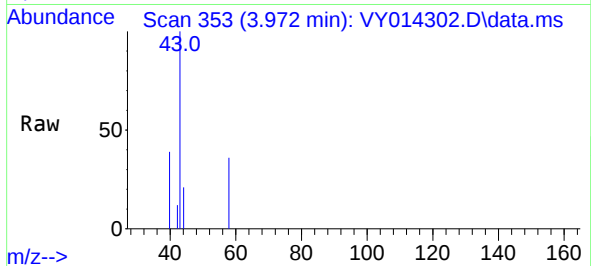




#16
Acetone
Concen: 2.787 ug/l
RT: 3.972 min Scan# 311
Delta R.T. 0.018 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

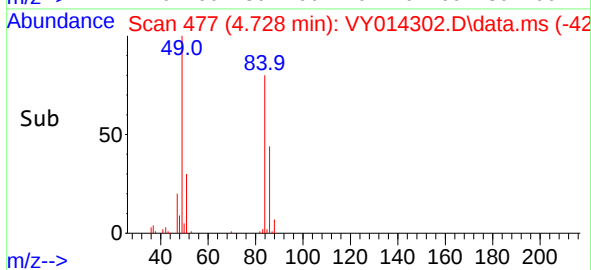
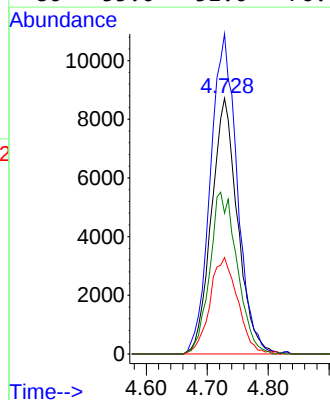
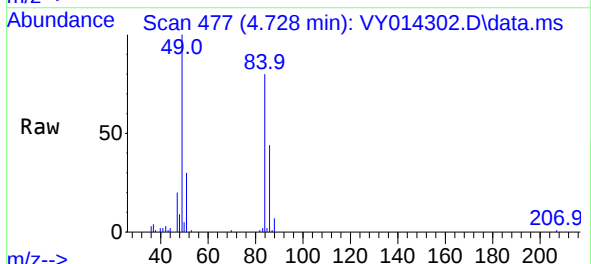
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL02

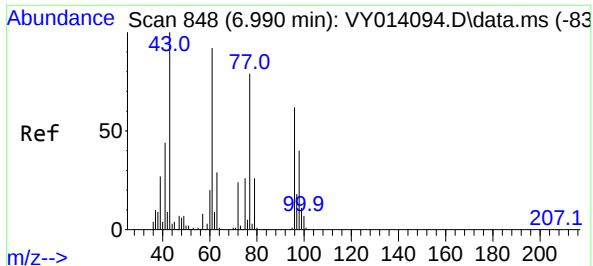
Tgt Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
58 35.5 22.7 34.1#



#20
Methylene Chloride
Concen: 7.011 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

Tgt Ion: 84 Resp: 26039
Ion Ratio Lower Upper
84 100
49 125.1 106.9 160.3
51 37.7 33.2 49.8
86 55.0 51.0 76.6





#25

2-Butanone

Concen: 4.191 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014302.D

Acq: 20 Jun 2023 23:42

Instrument :

MSVOA_Y

ClientSampleId :

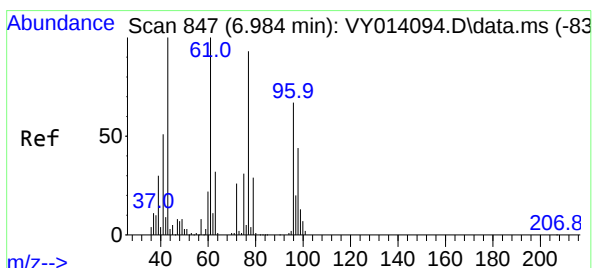
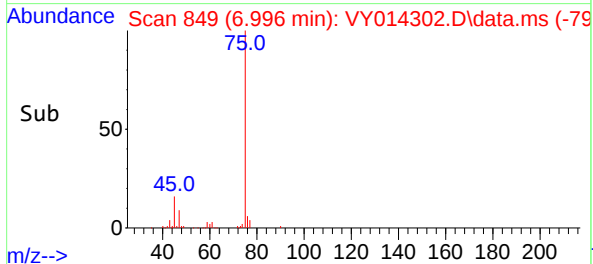
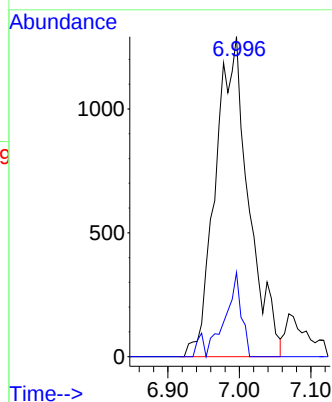
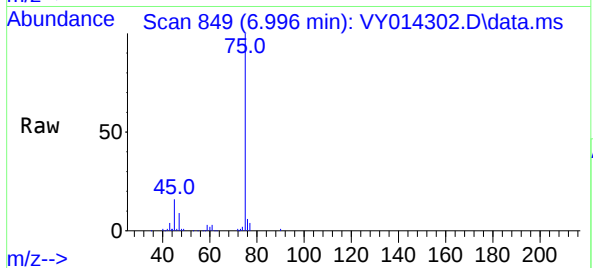
VY0620SBL02

Tgt Ion: 43 Resp: 4169

Ion Ratio Lower Upper

43 100

72 26.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 1.258 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY014302.D

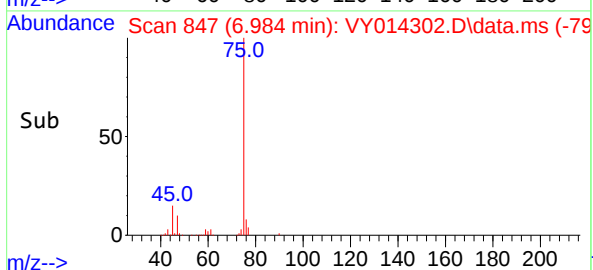
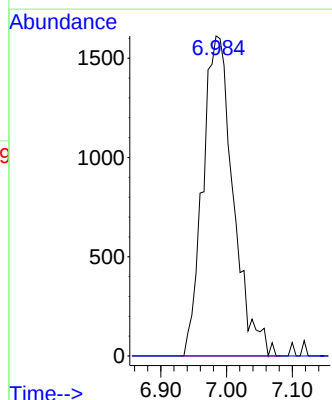
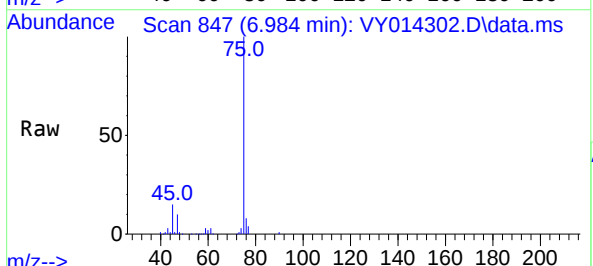
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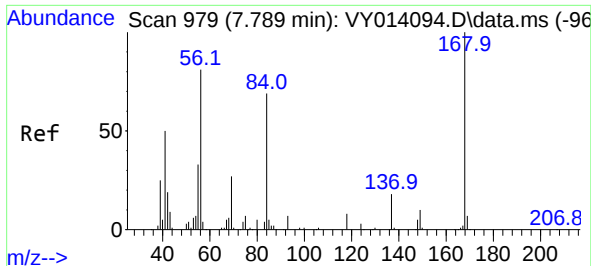
Tgt Ion: 77 Resp: 5195

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

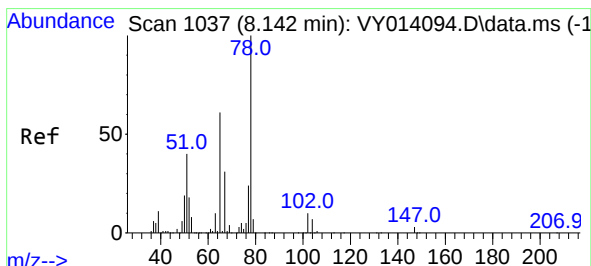
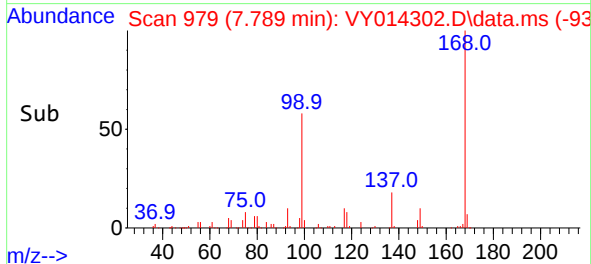
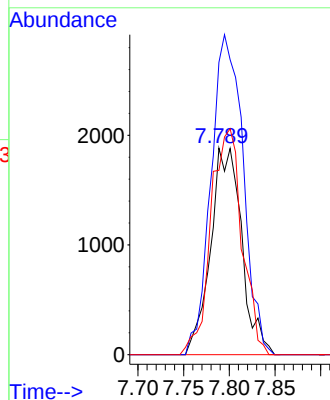
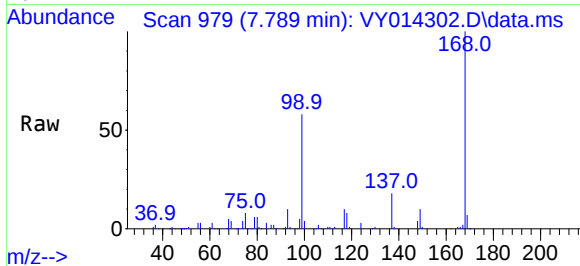




#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

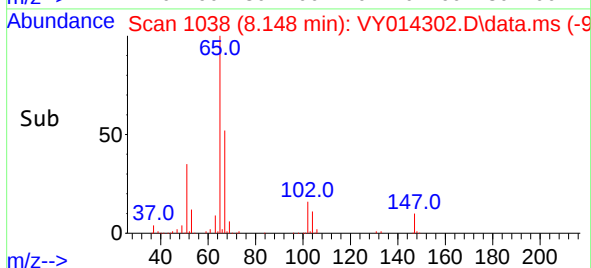
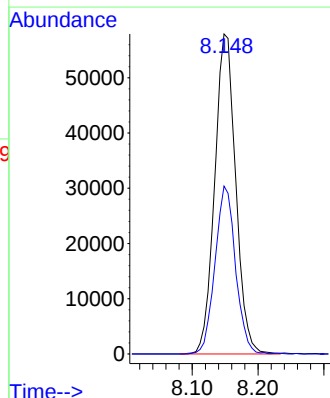
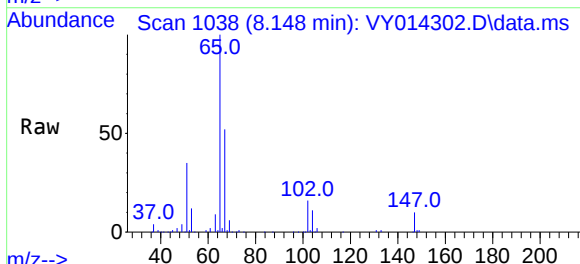
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL02

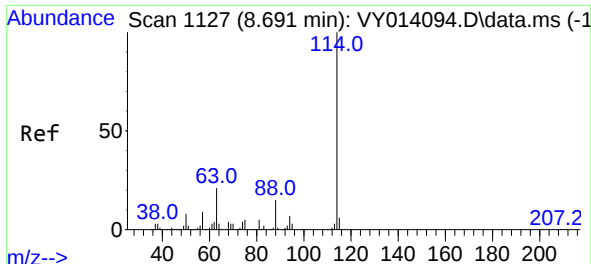
Tgt Ion: 56 Resp: 4470
Ion Ratio Lower Upper
56 100
69 141.5 27.8 41.6#
84 89.2 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 48.154 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

Tgt Ion: 65 Resp: 129085
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014302.D

Acq: 20 Jun 2023 23:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBL02

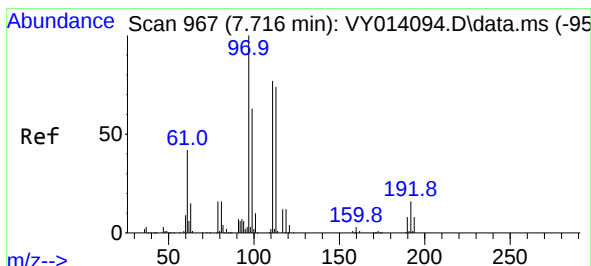
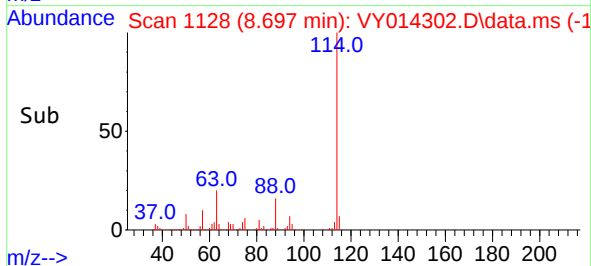
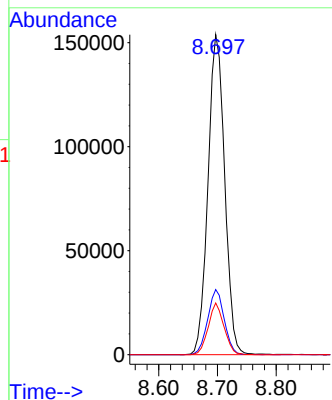
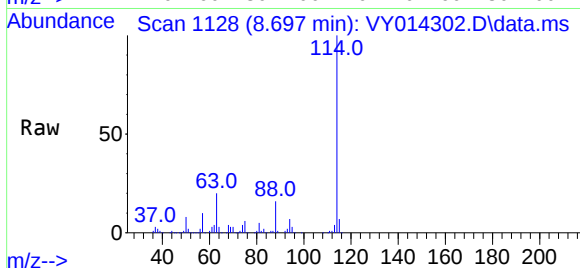
Tgt Ion:114 Resp: 304170

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.587 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014302.D

Acq: 20 Jun 2023 23:42

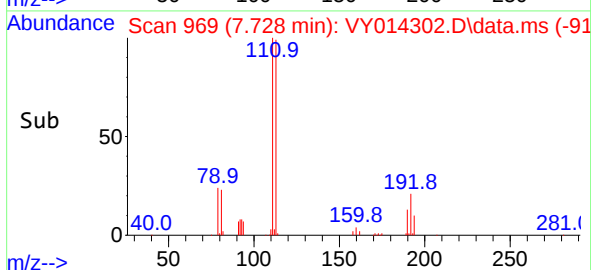
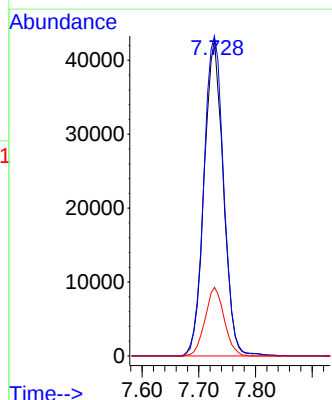
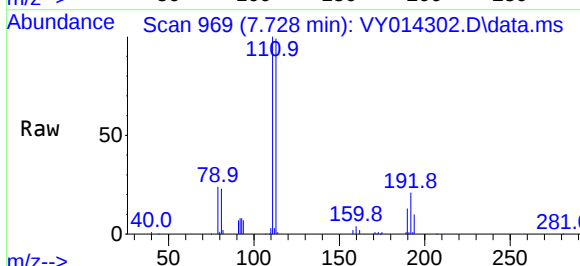
Tgt Ion:113 Resp: 100493

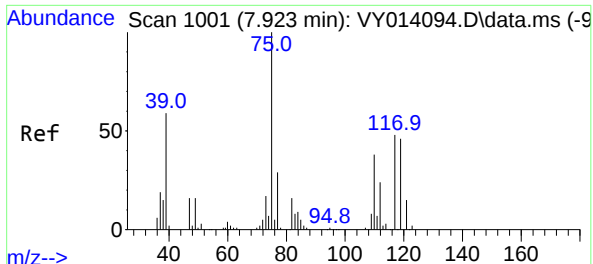
Ion Ratio Lower Upper

113 100

111 104.6 81.3 121.9

192 21.7 16.9 25.3

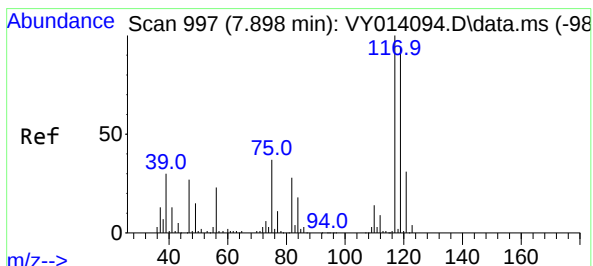
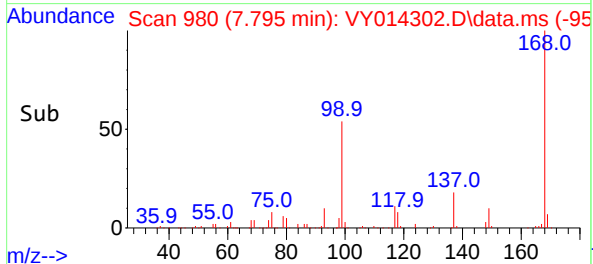
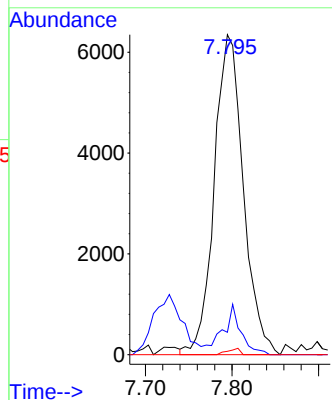
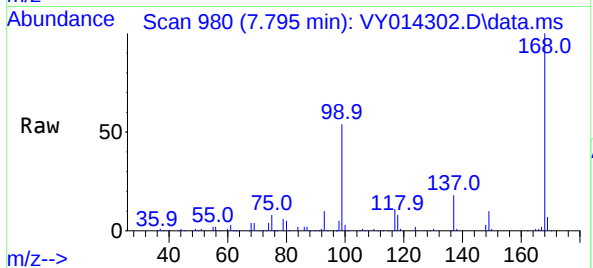




#36
 1,1-Dichloropropene
 Concen: 4.401 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY014302.D
 Acq: 20 Jun 2023 23:42

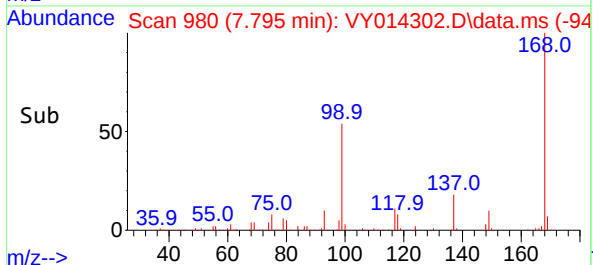
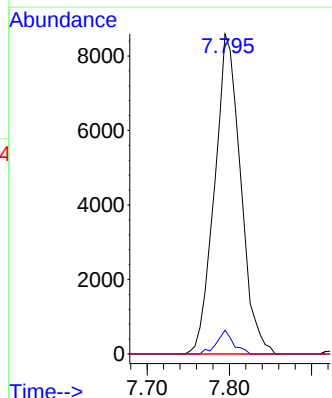
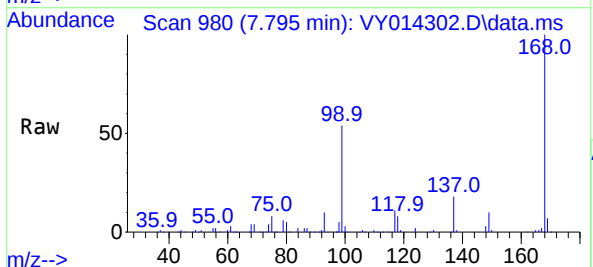
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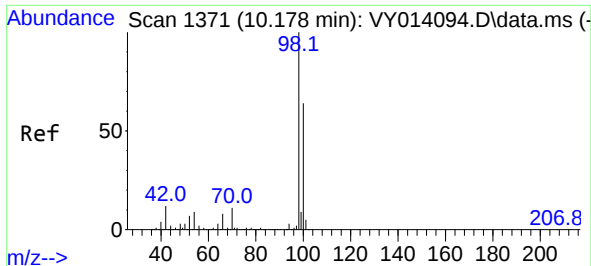
Tgt Ion: 75 Resp: 14801
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.8 53.5#
 77 0.8 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 4.872 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.103 min
 Lab File: VY014302.D
 Acq: 20 Jun 2023 23:42

Tgt Ion: 117 Resp: 18909
 Ion Ratio Lower Upper
 117 100
 119 7.4 76.4 114.6#
 121 0.0 25.8 38.6#

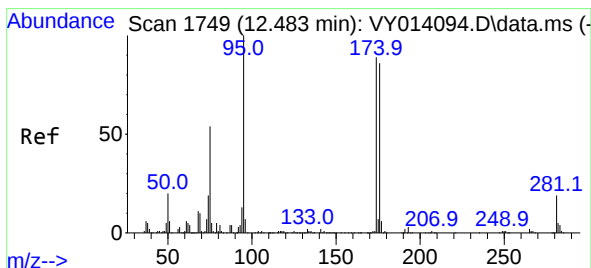
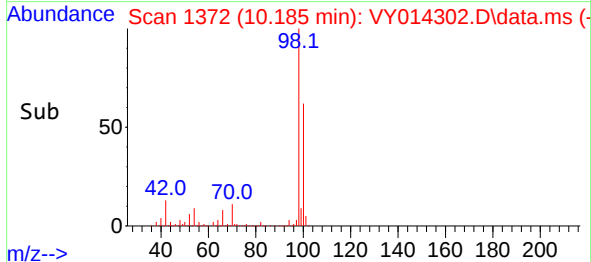
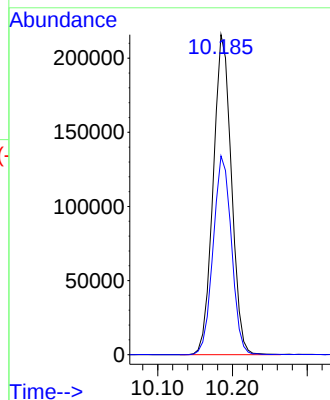
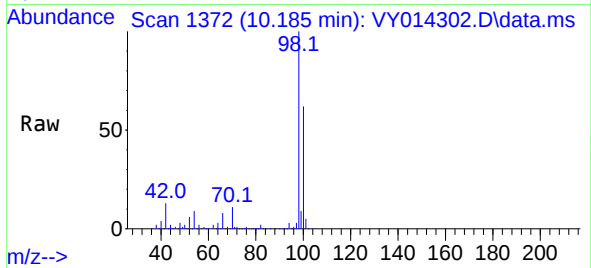




#50
Toluene-d8
Concen: 45.269 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

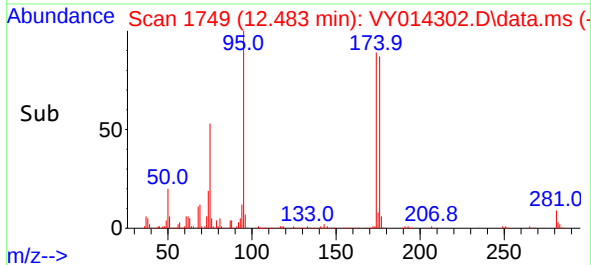
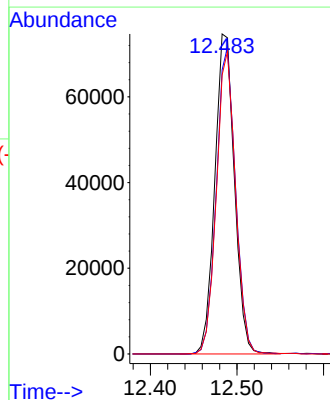
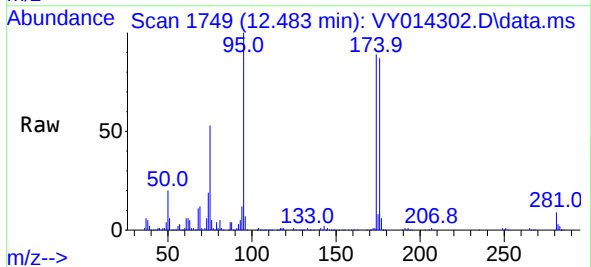
Instrument :
MSVOA_Y
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VY0620SBL02

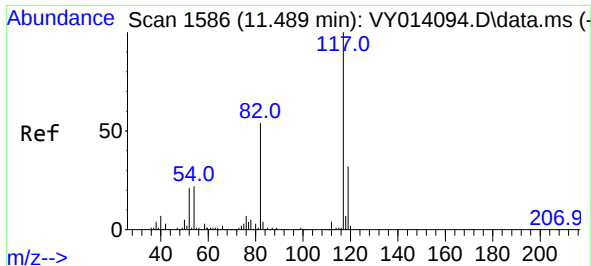
Tgt Ion: 98 Resp: 365077
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.973 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

Tgt Ion: 95 Resp: 117379
Ion Ratio Lower Upper
95 100
174 93.7 0.0 178.2
176 92.2 0.0 173.8

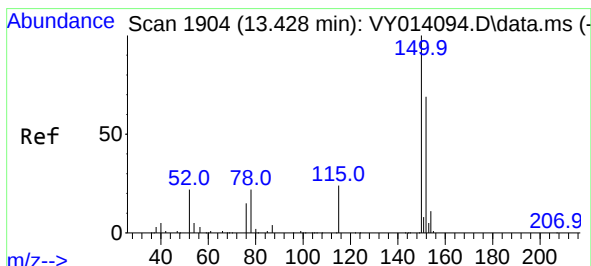
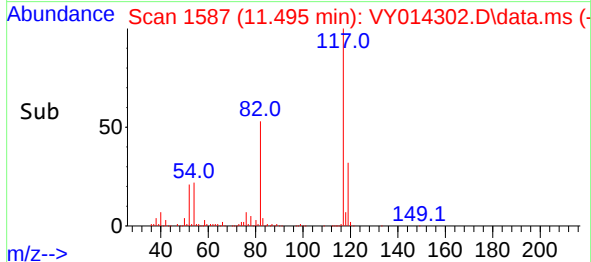
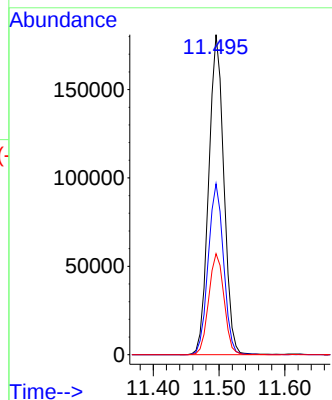
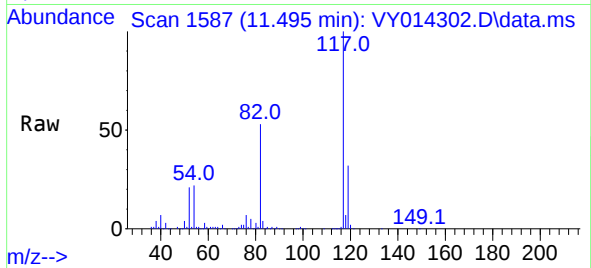




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

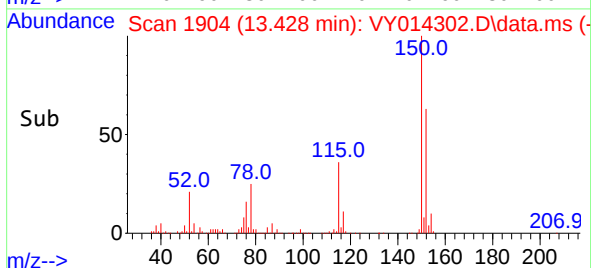
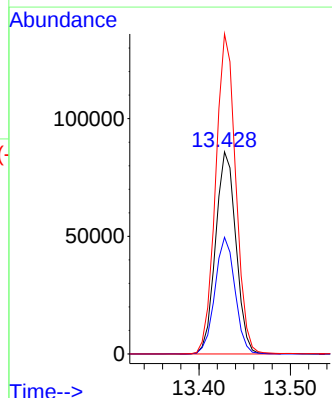
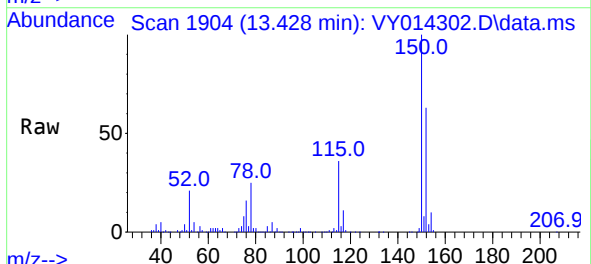
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL02

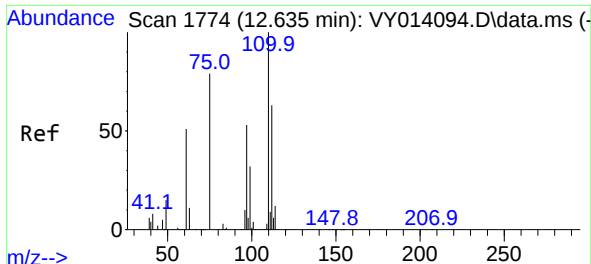
Tgt Ion:117 Resp: 290983
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

Tgt Ion:152 Resp: 133397
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 156.3 0.0 348.8

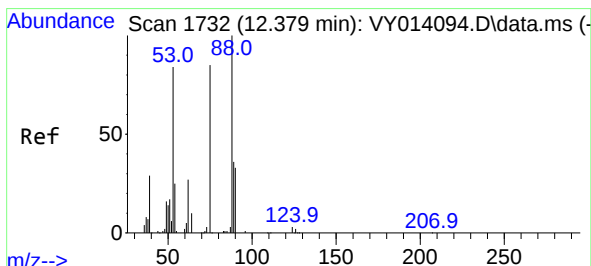
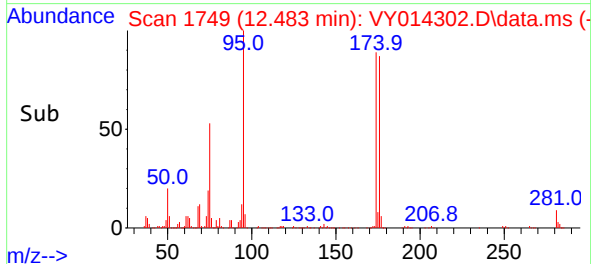
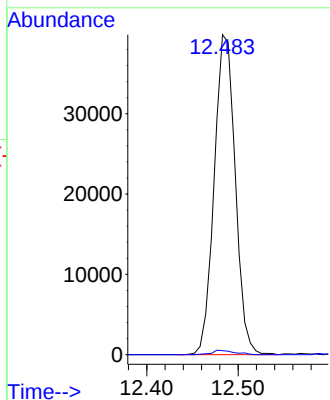
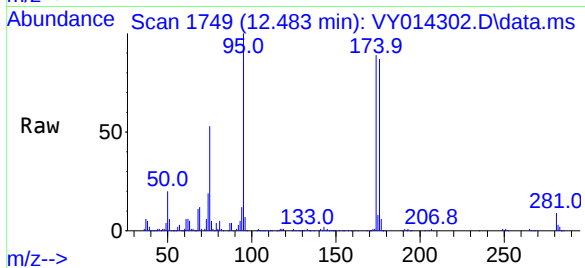




#76
1,2,3-Trichloropropane
Concen: 36.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL02

Tgt Ion: 75 Resp: 63867
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.883 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

Tgt Ion: 75 Resp: 63867
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.3 37.4 56.0#

