

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013926.D
 Acq On : 30 May 2023 17:52
 Operator : KP/MD
 Sample : 02852-12
 Misc : 6.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-55.5-051823-FD

Quant Time: May 31 03:27:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

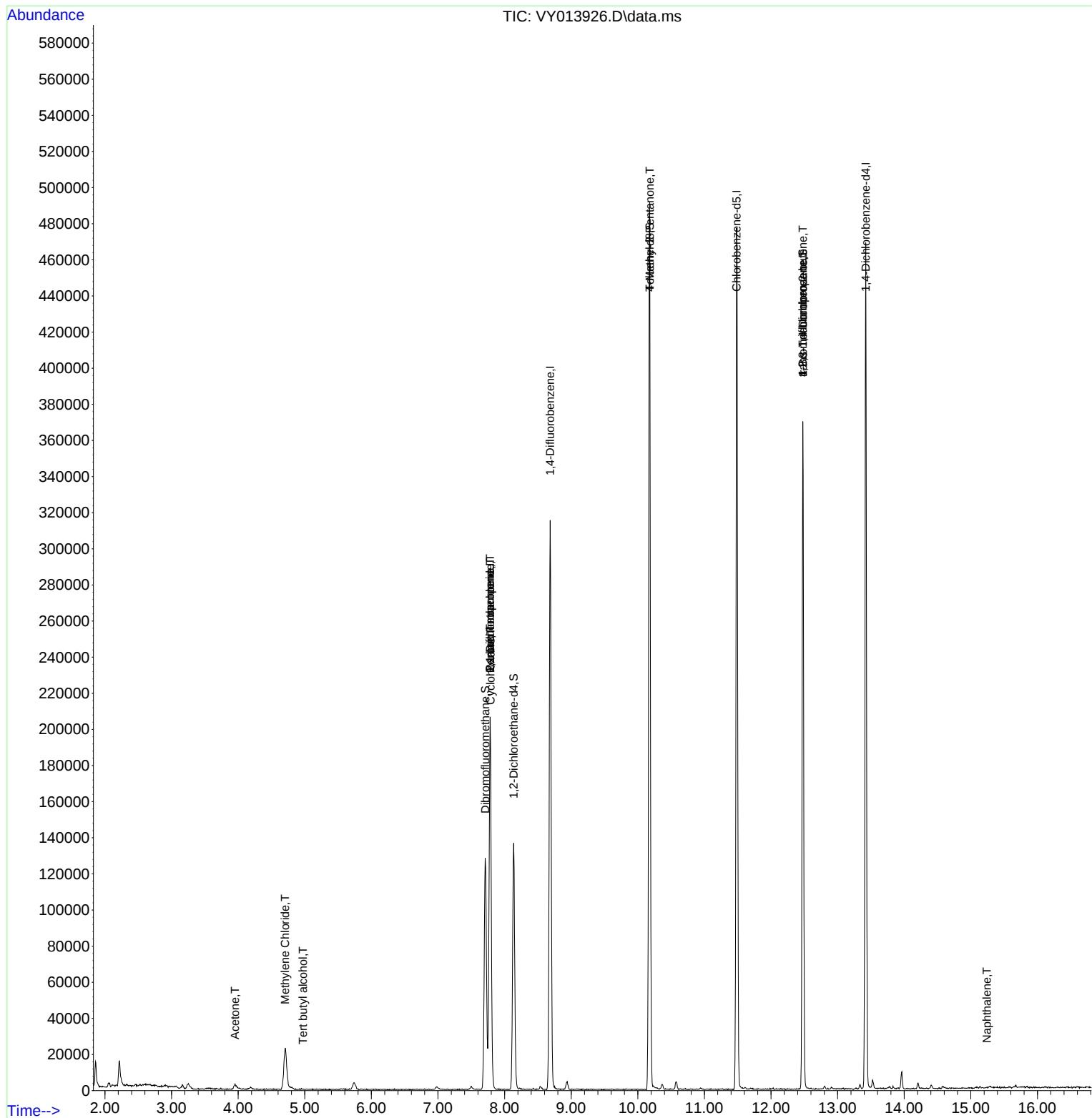
Internal Standards						
1) Pentafluorobenzene	7.782	168	154487	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	260777	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	254032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111170	62.201	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.400%	
35) Dibromofluoromethane	7.709	113	89149	52.935	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.880%	
50) Toluene-d8	10.178	98	324899	50.759	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	12.477	95	103773	48.774	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	209	1.526	ug/l #	71
16) Acetone	3.954	43	5875	11.075	ug/l #	87
20) Methylene Chloride	4.704	84	16266	6.435	ug/l	94
31) Cyclohexane	7.789	56	3705	1.349	ug/l #	30
36) 1,1-Dichloropropene	7.782	75	11940	4.655	ug/l #	51
38) Carbon Tetrachloride	7.782	117	15069	5.166	ug/l #	16
51) 4-Methyl-2-Pentanone	10.178	43	1641	1.080	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	55435	40.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	55435	87.283	ug/l #	10
95) Naphthalene	15.238	128	456	4.632	ug/l #	68

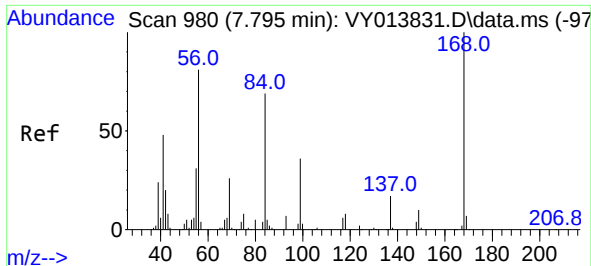
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CB-32-G3-SO-55.5-051823-FD

Quant Time: May 31 03:27:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

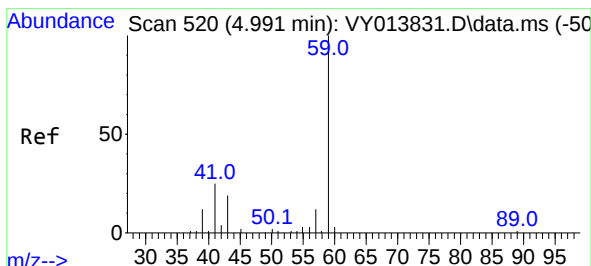
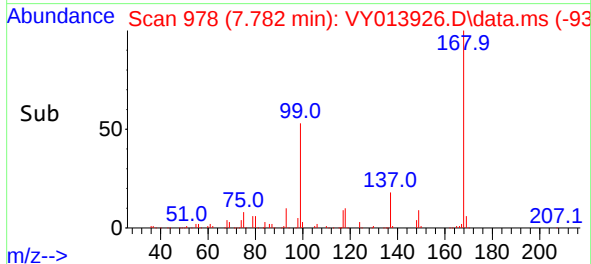
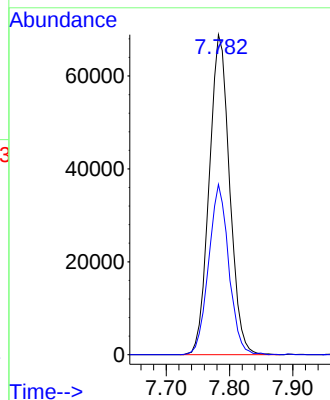
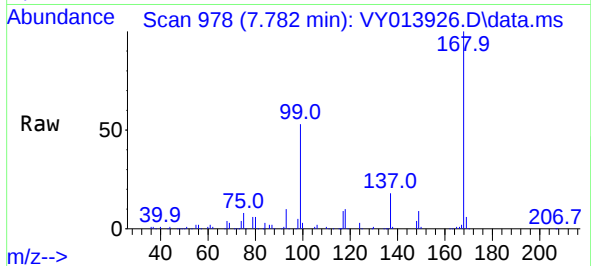




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

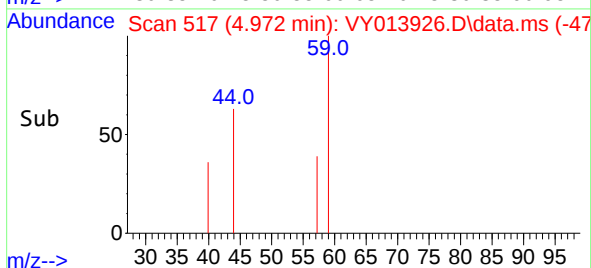
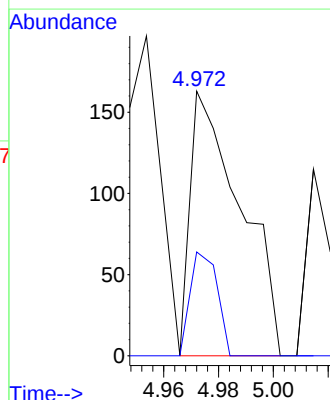
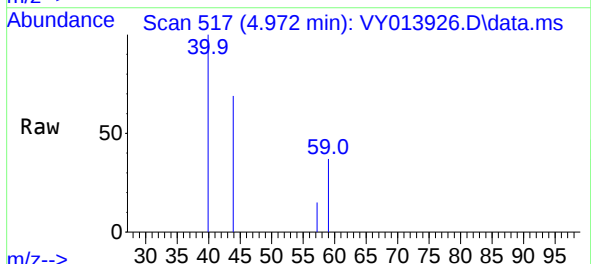
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

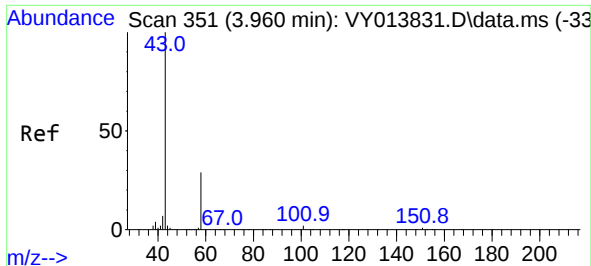
Tgt Ion:168 Resp: 154487
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.2



#11
Tert butyl alcohol
Concen: 1.526 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.019 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

Tgt Ion: 59 Resp: 209
Ion Ratio Lower Upper
59 100
57 21.1 8.1 12.1#

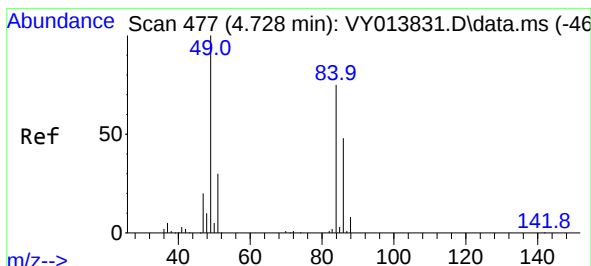
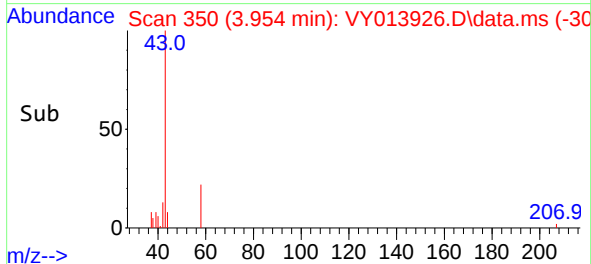
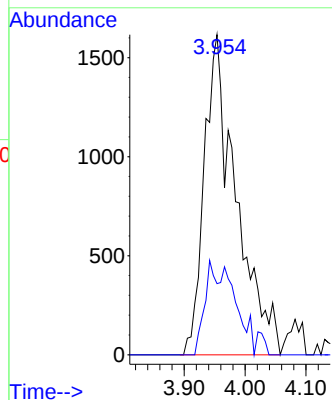
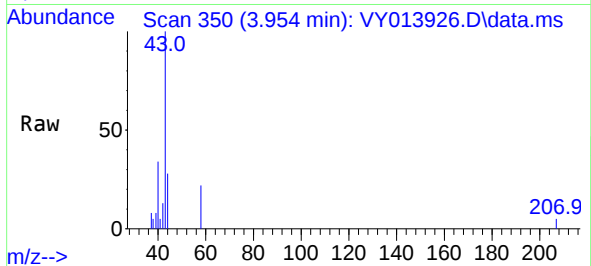




#16
Acetone
Concen: 11.075 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

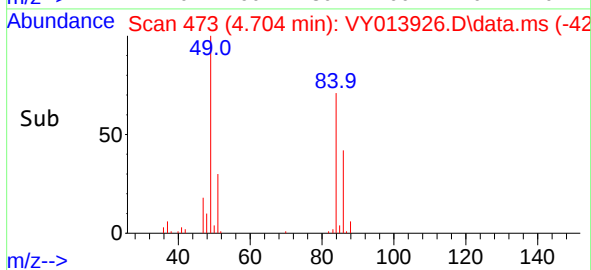
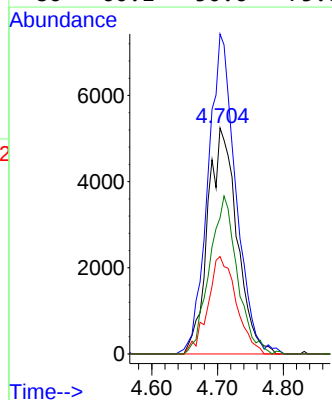
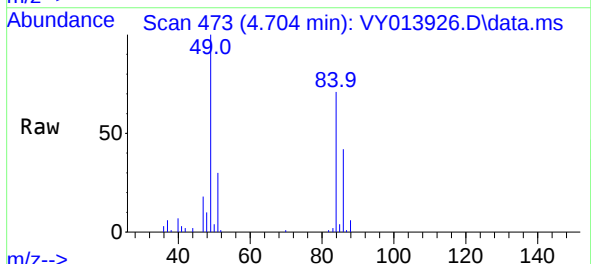
Instrument :
MSVOA_Y
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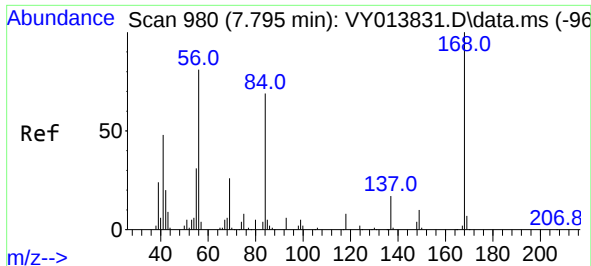
Tgt Ion: 43 Resp: 5875
Ion Ratio Lower Upper
43 100
58 22.2 23.3 34.9#



#20
Methylene Chloride
Concen: 6.435 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.024 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

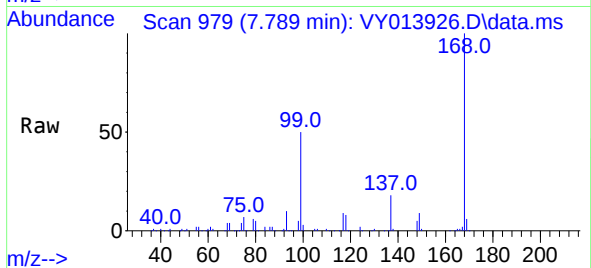
Tgt Ion: 84 Resp: 16266
Ion Ratio Lower Upper
84 100
49 140.5 106.2 159.2
51 43.1 31.4 47.0
86 60.1 50.6 75.8



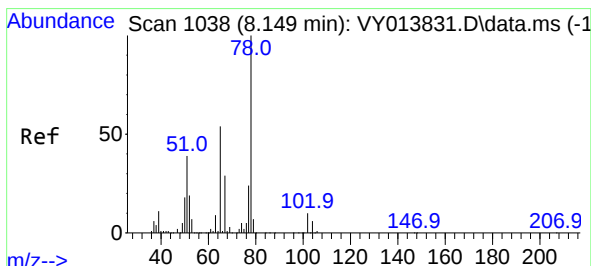
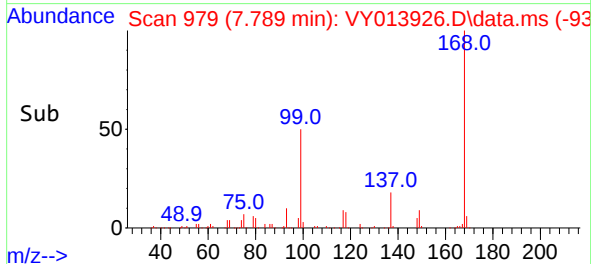
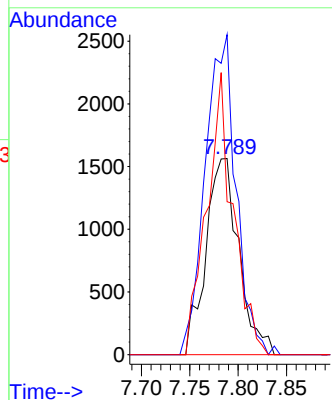


#31
Cyclohexane
Concen: 1.349 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

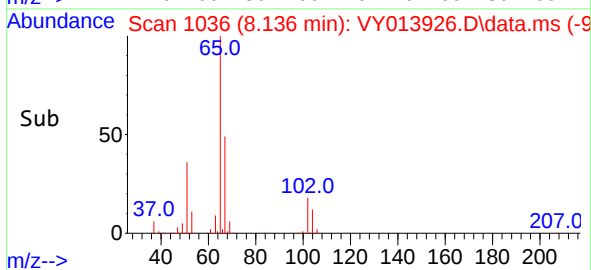
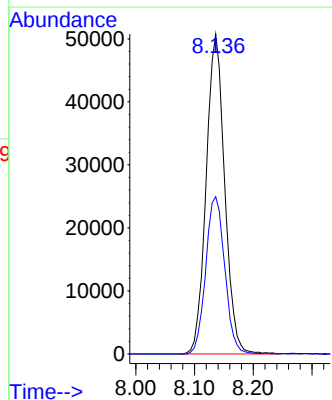
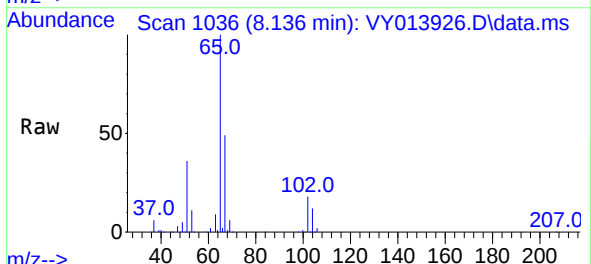


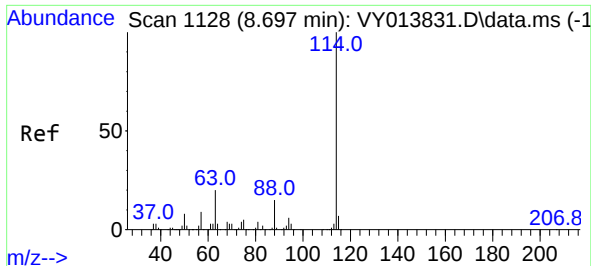
Tgt Ion: 56 Resp: 3705
Ion Ratio Lower Upper
56 100
69 163.2 25.8 38.8#
84 78.0 68.2 102.2



#33
1,2-Dichloroethane-d4
Concen: 62.201 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.013 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

Tgt Ion: 65 Resp: 111170
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1128

Delta R.T. -0.013 min

Lab File: VY013926.D

Acq: 30 May 2023 17:52

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-55.5-051823-FD

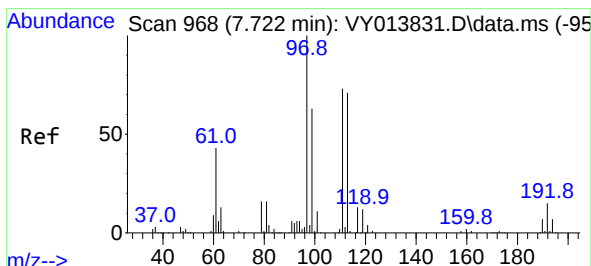
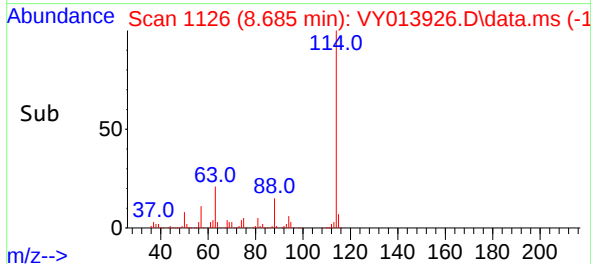
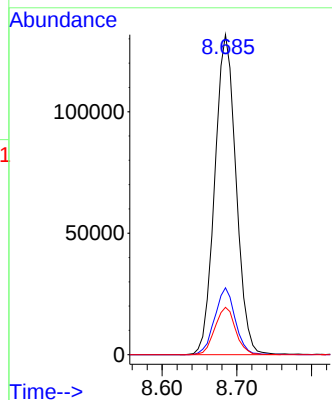
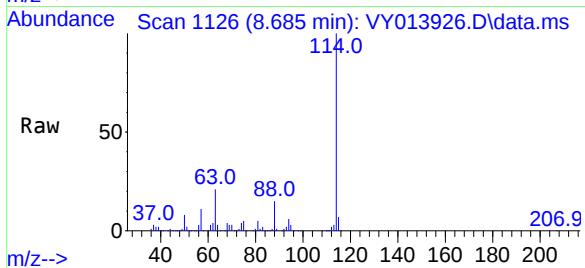
Tgt Ion:114 Resp: 260777

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 14.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 52.935 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.013 min

Lab File: VY013926.D

Acq: 30 May 2023 17:52

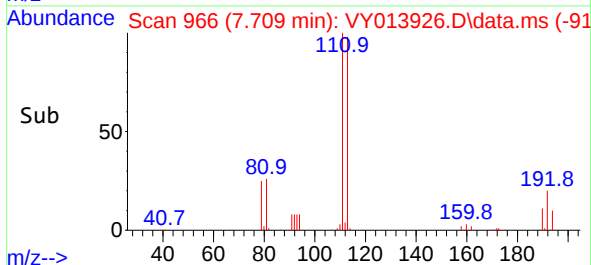
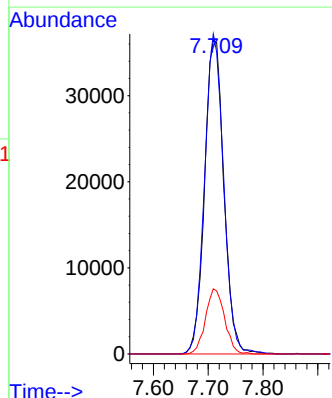
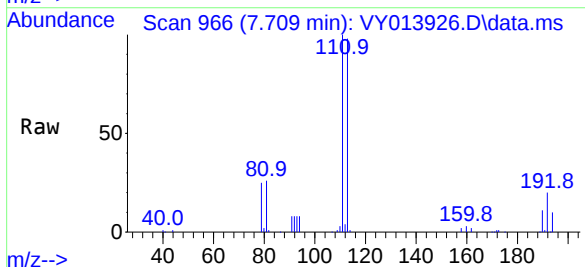
Tgt Ion:113 Resp: 89149

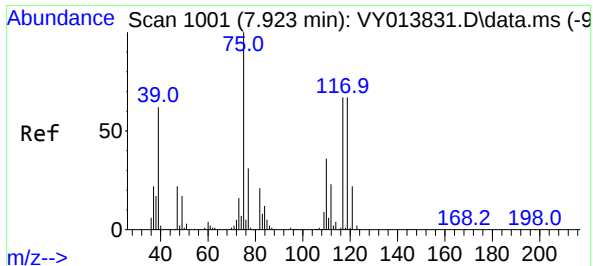
Ion Ratio Lower Upper

113 100

111 100.4 80.4 120.6

192 20.5 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.655 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.141 min

Lab File: VY013926.D

Acq: 30 May 2023 17:52

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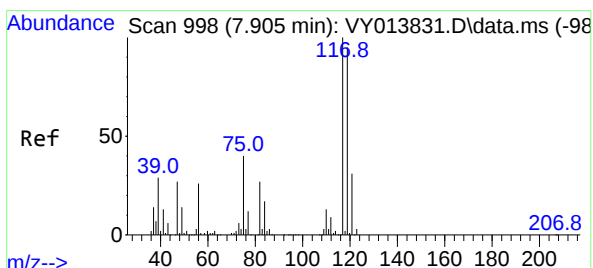
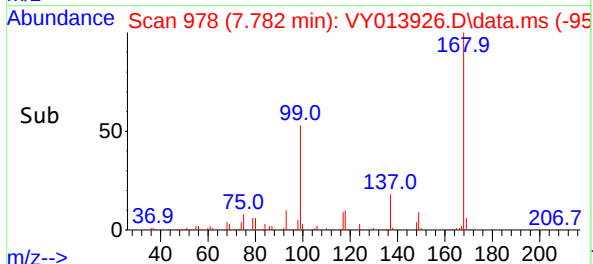
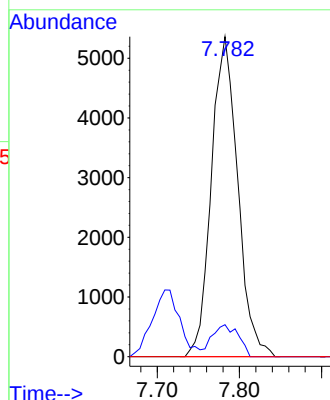
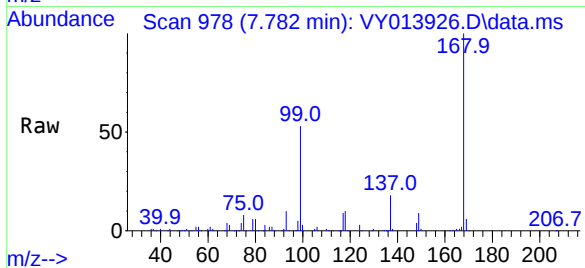
Tgt Ion: 75 Resp: 11940

Ion Ratio Lower Upper

75 100

110 10.0 17.5 52.6#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.166 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.122 min

Lab File: VY013926.D

Acq: 30 May 2023 17:52

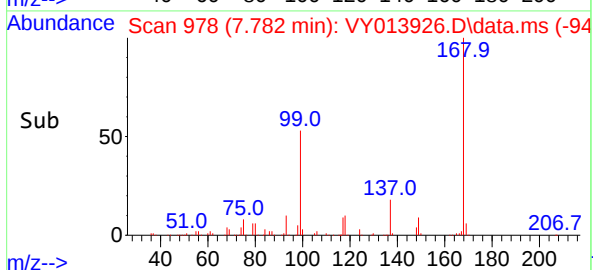
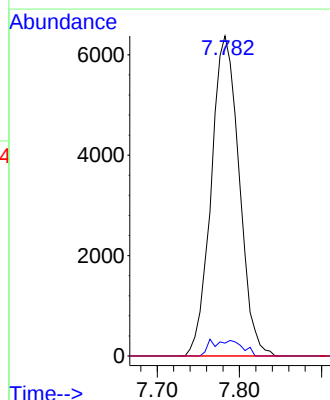
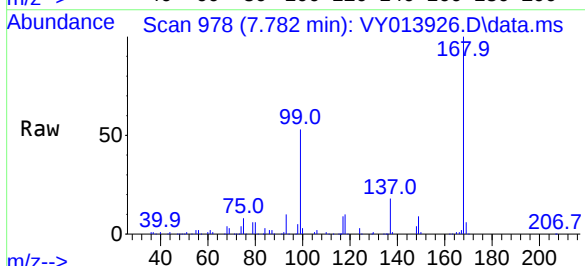
Tgt Ion: 117 Resp: 15069

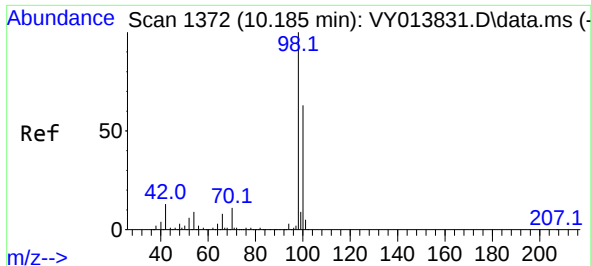
Ion Ratio Lower Upper

117 100

119 4.0 75.6 113.4#

121 0.0 24.8 37.2#

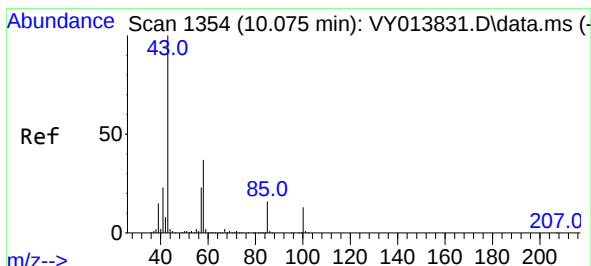
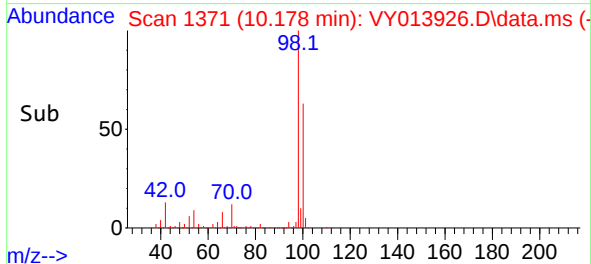
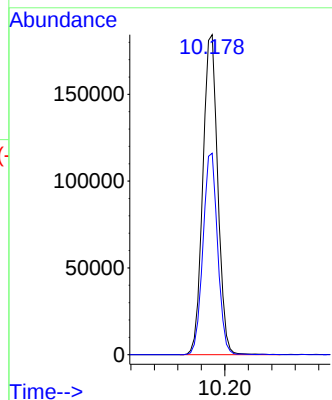
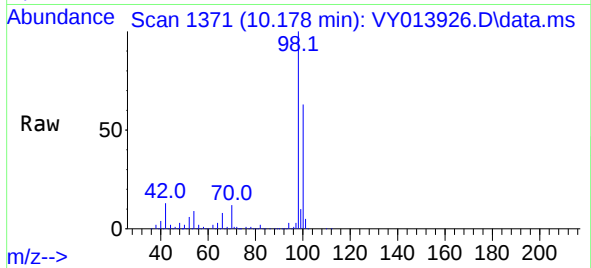




#50
Toluene-d8
Concen: 50.759 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

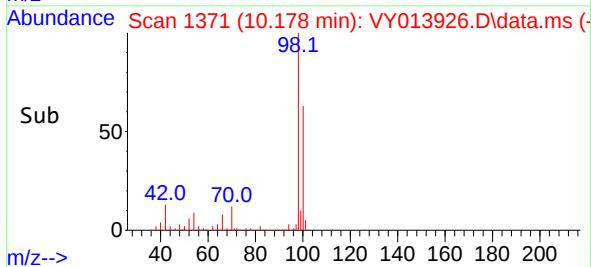
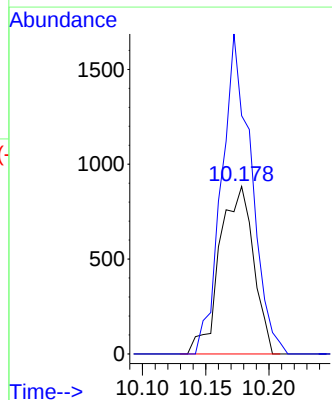
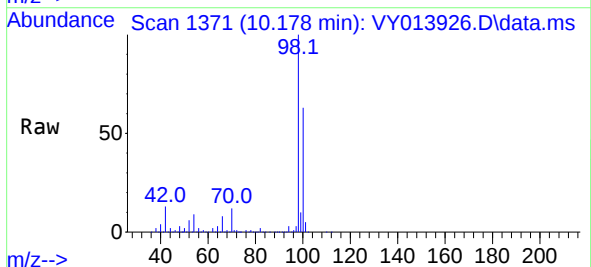
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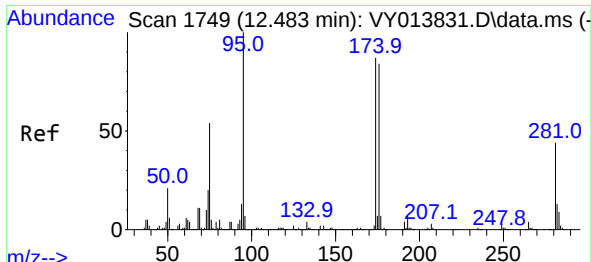
Tgt Ion: 98 Resp: 324899
Ion Ratio Lower Upper
98 100
100 61.7 50.8 76.2



#51
4-Methyl-2-Pentanone
Concen: 1.080 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

Tgt Ion: 43 Resp: 1641
Ion Ratio Lower Upper
43 100
58 167.6 29.1 43.7#

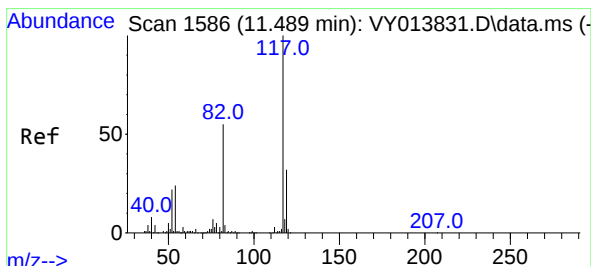
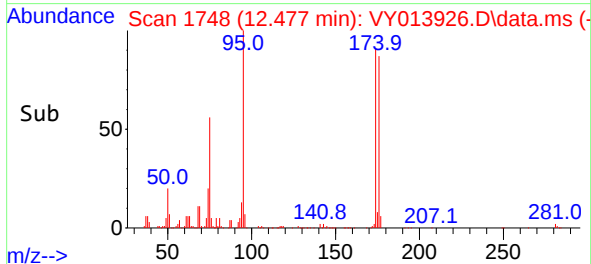
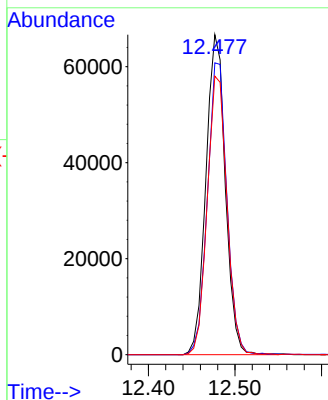
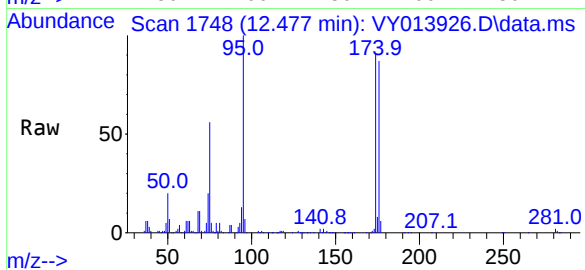




#62
4-Bromofluorobenzene
Concen: 48.774 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

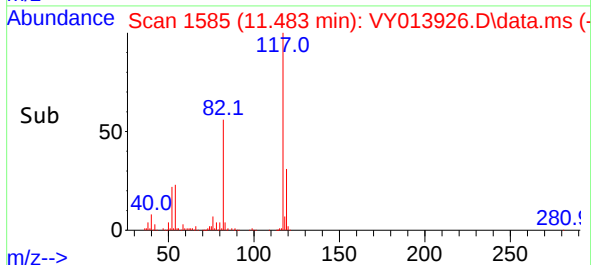
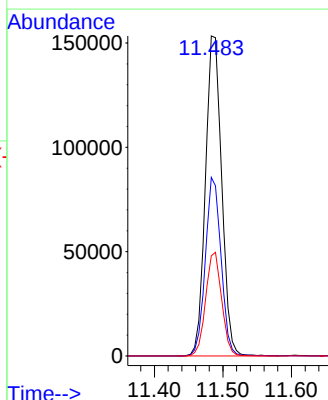
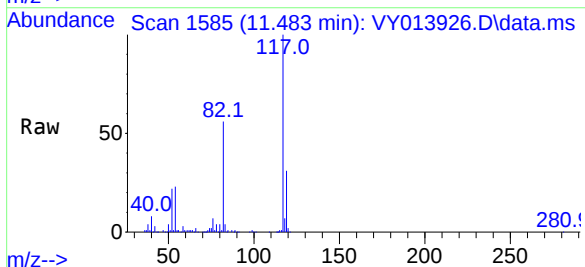
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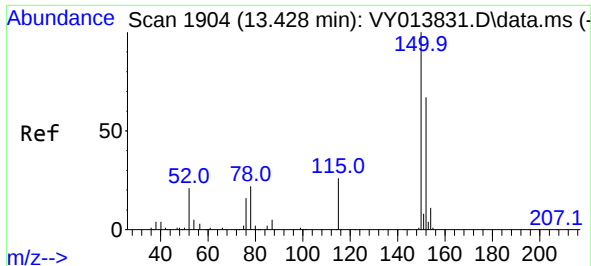
Tgt Ion: 95 Resp: 103773
Ion Ratio Lower Upper
95 100
174 91.9 0.0 176.0
176 88.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

Tgt Ion: 117 Resp: 254032
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 31.3 25.7 38.5

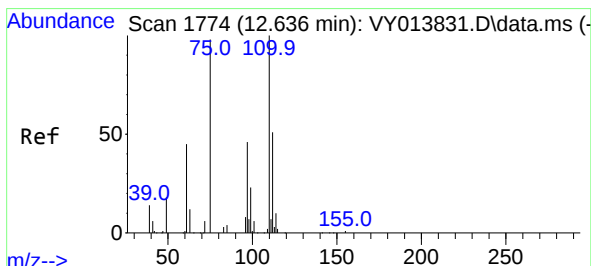
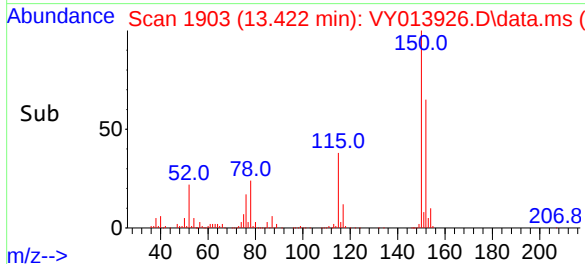
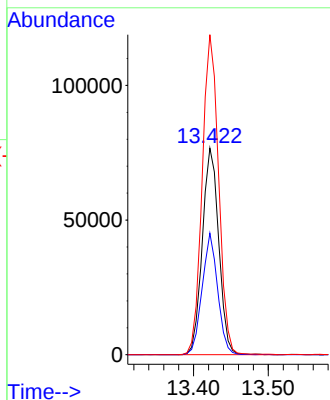
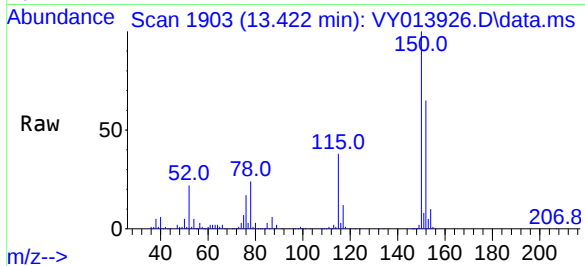




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

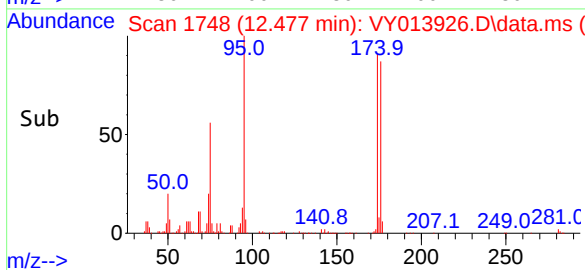
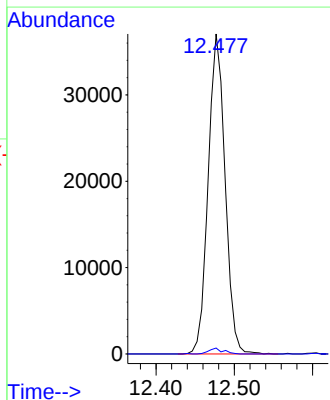
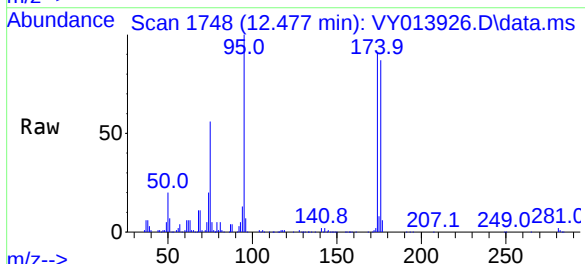
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

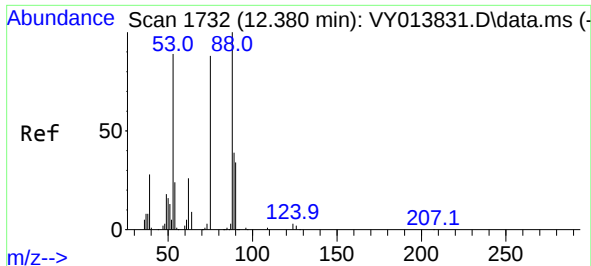
Tgt Ion:152 Resp: 116920
Ion Ratio Lower Upper
152 100
115 55.6 28.8 86.5
150 154.8 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 40.210 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

Tgt Ion: 75 Resp: 55435
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

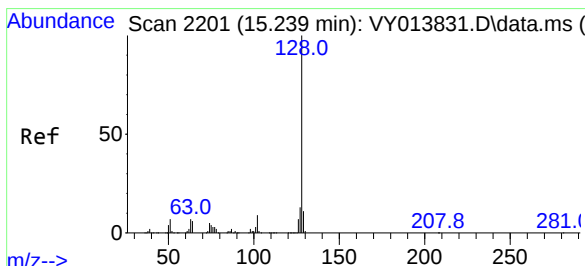
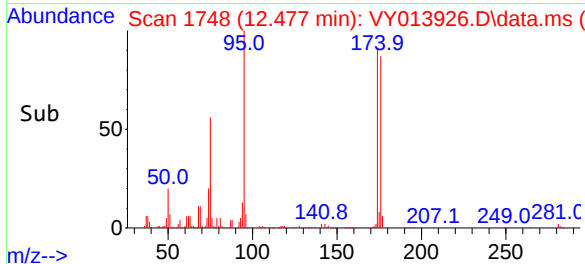
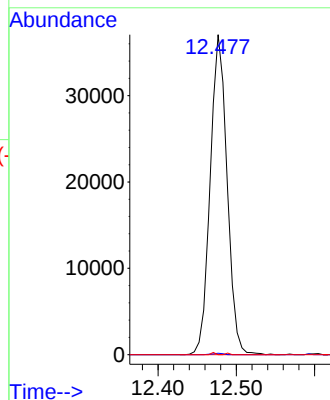
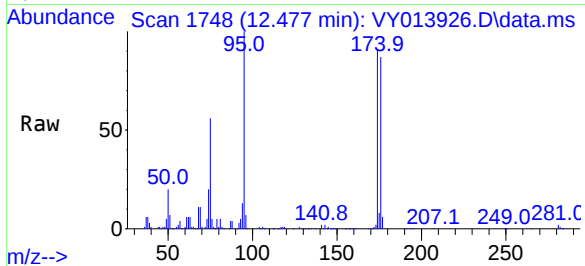




#81
trans-1,4-Dichloro-2-butene
Concen: 87.283 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

Tgt Ion: 75 Resp: 55435
Ion Ratio Lower Upper
75 100
53 0.3 79.7 119.5#
89 0.2 36.4 54.6#



#95
Naphthalene
Concen: 4.632 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.001 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

Tgt Ion: 128 Resp: 456
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

