

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015887.D
 Acq On : 10 Oct 2023 10:37
 Operator : SY/MD
 Sample : VY1010SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:16:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	161006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	280418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	255731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112234	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93890	64.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.620%
35) Dibromofluoromethane	7.728	113	89876	57.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.920%
50) Toluene-d8	10.185	98	333494	64.695	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	129.400%
62) 4-Bromofluorobenzene	12.483	95	107771	51.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.940%

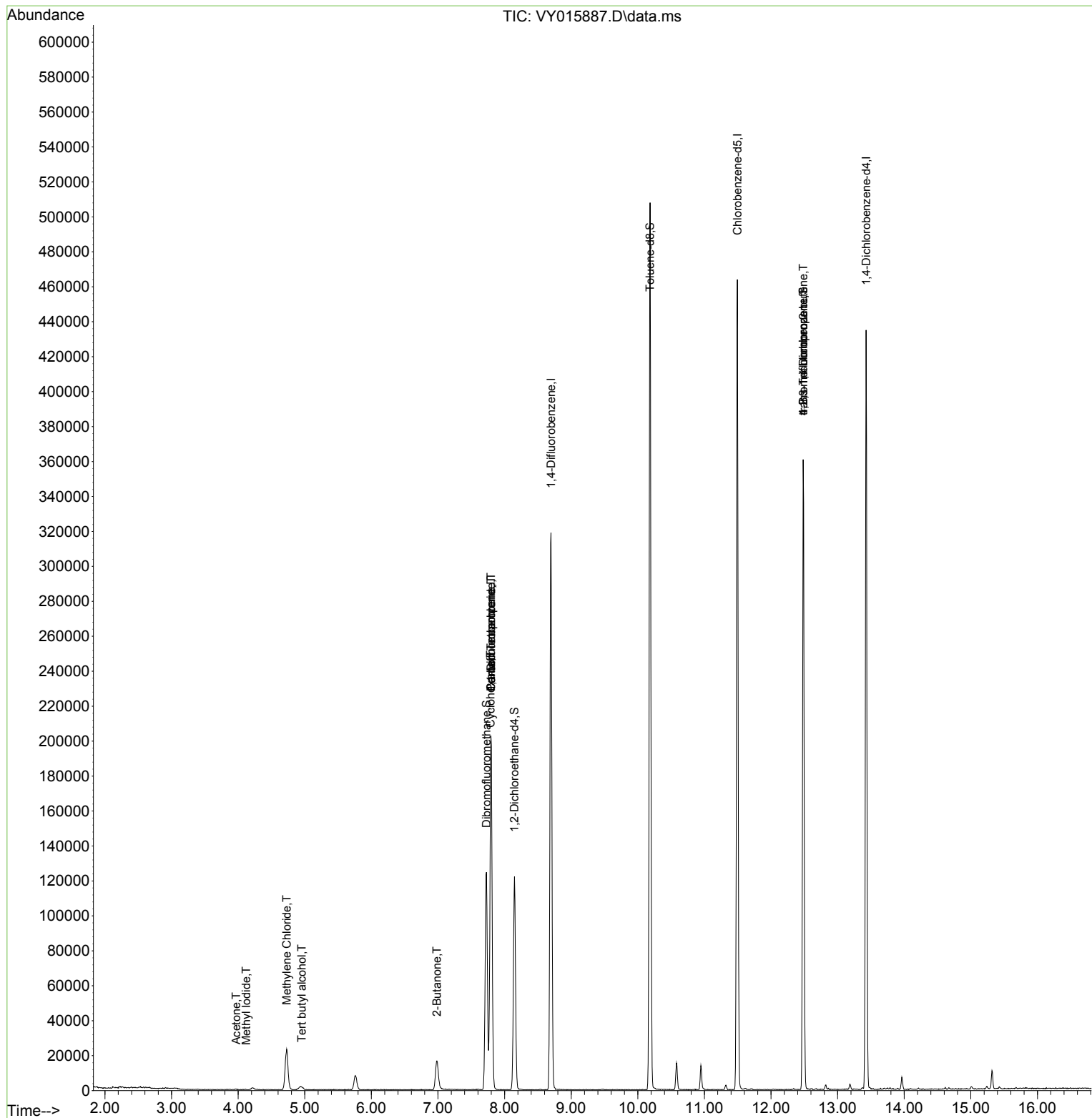
Target Compounds					Qvalue	
10) Methyl Iodide	4.119	142	195	2.426	ug/l #	50
11) Tert butyl alcohol	4.954	59	2513	16.895	ug/l #	89
16) Acetone	3.973	43	634	7.053	ug/l #	46
20) Methylene Chloride	4.729	84	18196	3.252	ug/l	88
25) 2-Butanone	6.984	43	946	1.190	ug/l #	84
31) Cyclohexane	7.789	56	3049	1.965	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12378	7.146	ug/l #	51
38) Carbon Tetrachloride	7.795	117	15509	7.455	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	56154	42.859	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56154	95.041	ug/l #	11

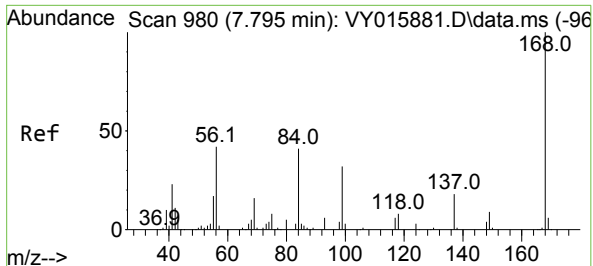
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
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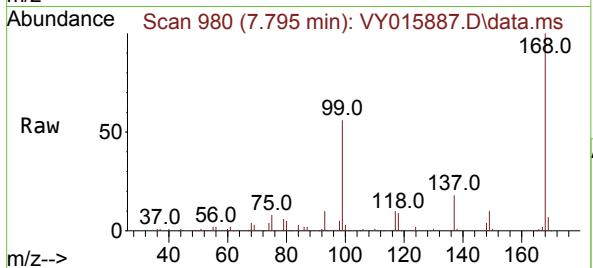
Quant Time: Oct 11 01:16:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
Response via : Initial Calibration



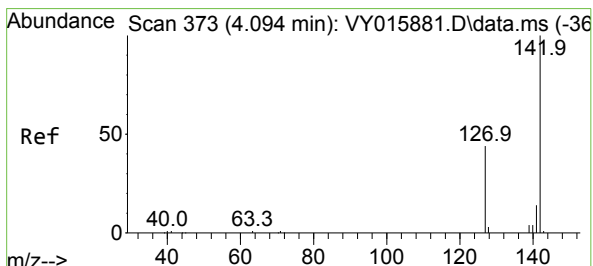
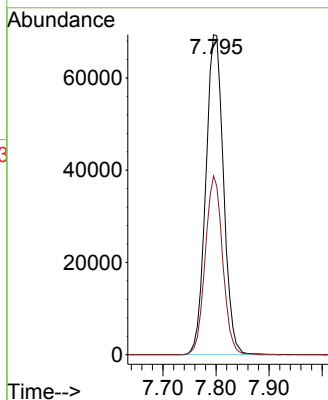
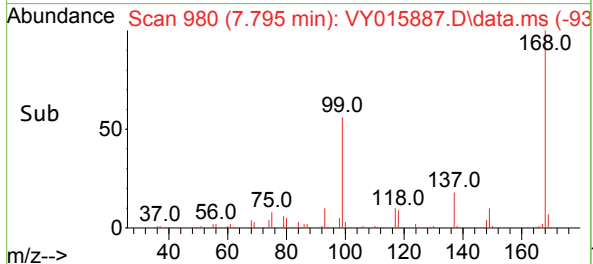


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

Instrument :
MSVOA_Y
ClientSampleId :

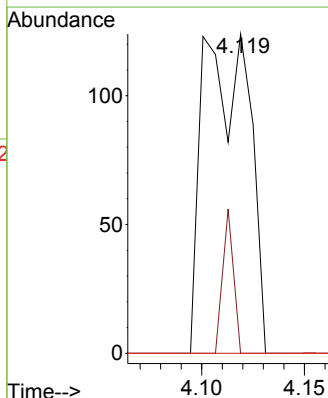
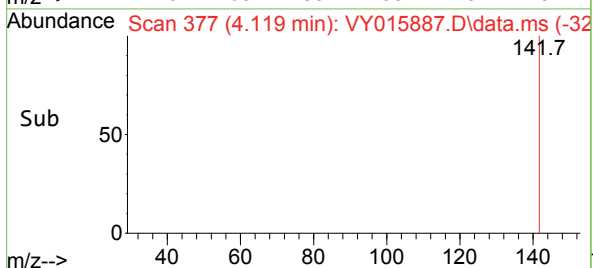
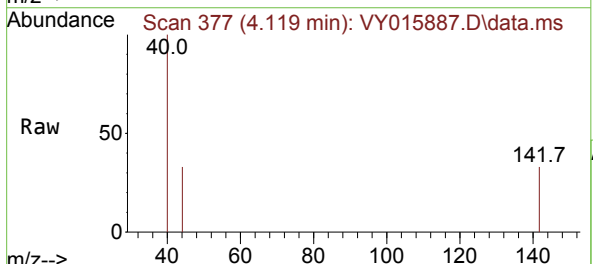


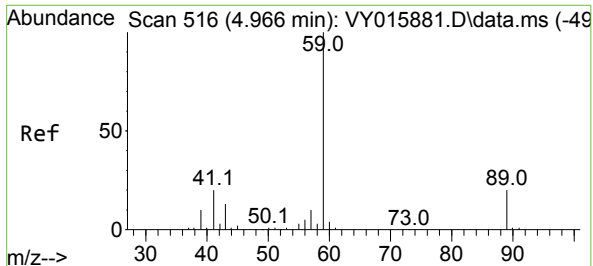
Tgt Ion:168 Resp: 161006
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.426 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.025 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

Tgt Ion:142 Resp: 195
Ion Ratio Lower Upper
142 100
127 10.3 37.6 56.4#
141 0.0 11.8 17.8#





#11

Tert butyl alcohol

Concen: 16.895 ug/l

RT: 4.954 min Scan# 516

Delta R.T. -0.012 min

Lab File: VY015887.D

Acq: 10 Oct 2023 10:37

Instrument :

MSVOA_Y

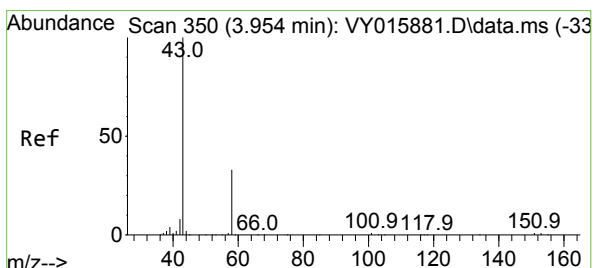
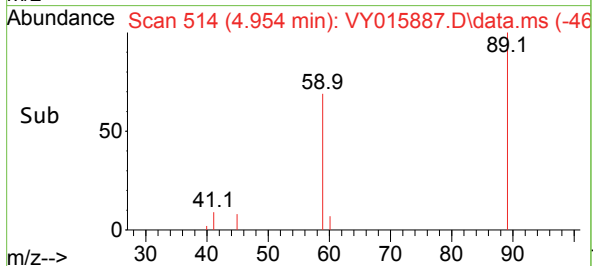
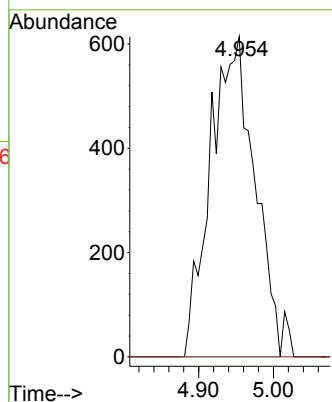
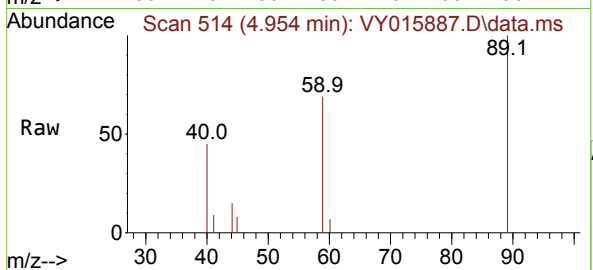
ClientSampleId :

Tgt Ion: 59 Resp: 2513

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 7.053 ug/l

RT: 3.973 min Scan# 353

Delta R.T. 0.019 min

Lab File: VY015887.D

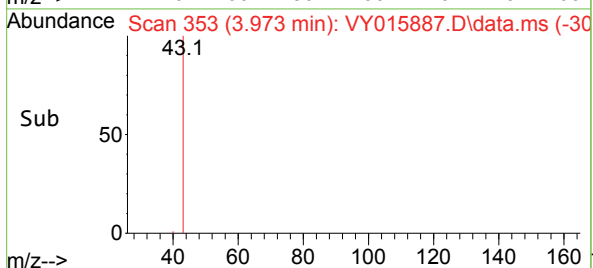
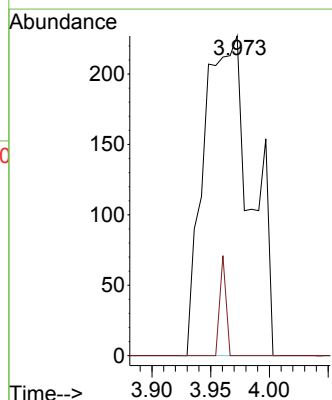
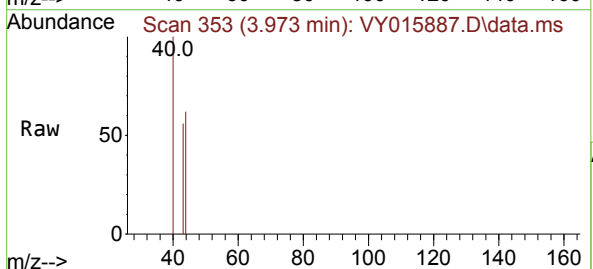
Acq: 10 Oct 2023 10:37

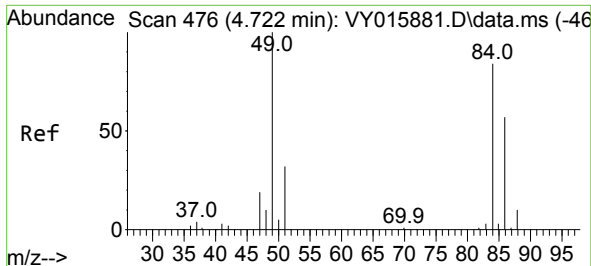
Tgt Ion: 43 Resp: 634

Ion Ratio Lower Upper

43 100

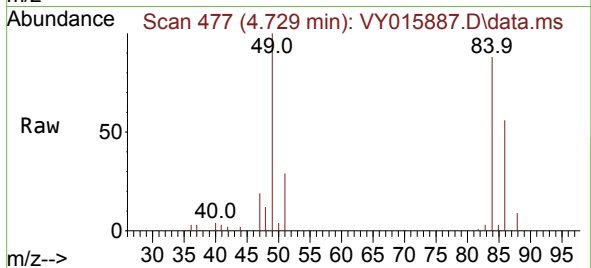
58 0.0 22.7 34.1#



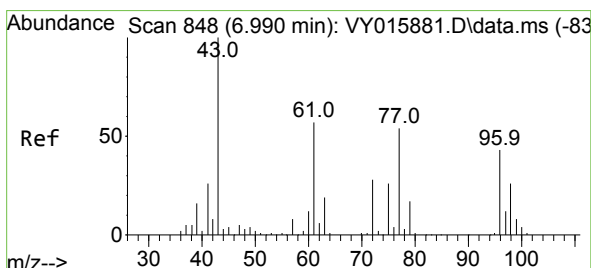
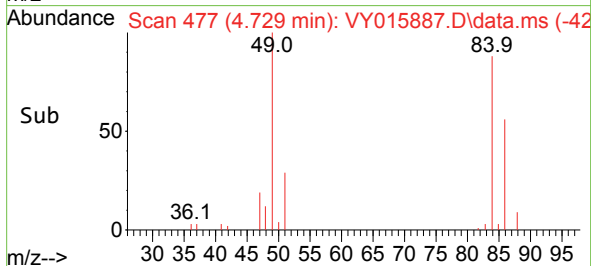
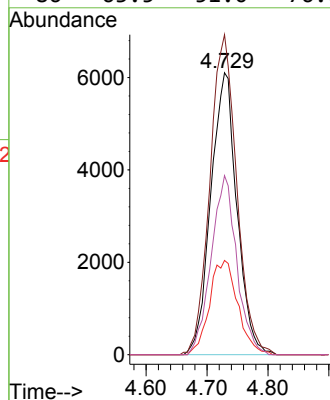


#20
Methylene Chloride
Concen: 3.252 ug/l
RT: 4.729 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

Instrument :
MSVOA_Y
ClientSampleId :

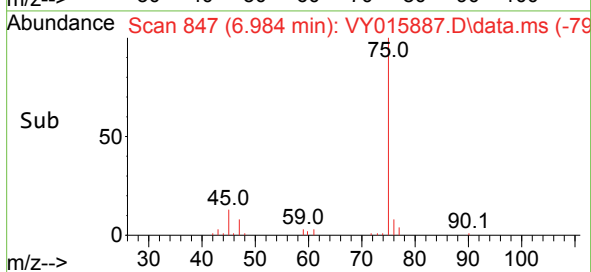
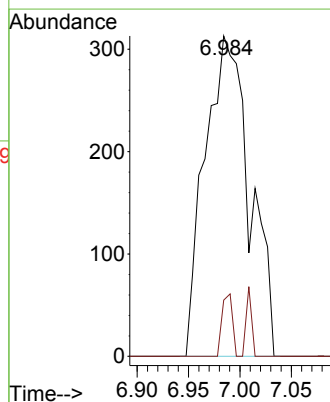
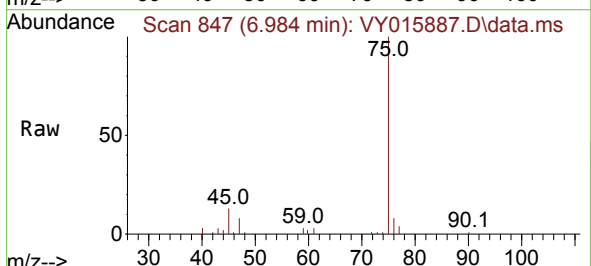


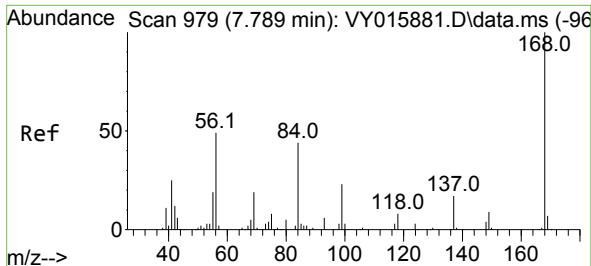
Tgt Ion: 84 Resp: 18196
Ion Ratio Lower Upper
84 100
49 113.5 106.9 160.3
51 33.4 33.2 49.8
86 63.5 51.0 76.6



#25
2-Butanone
Concen: 1.190 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

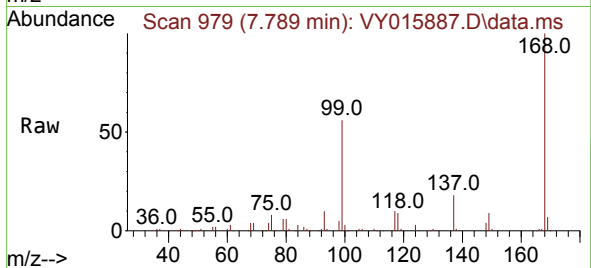
Tgt Ion: 43 Resp: 946
Ion Ratio Lower Upper
43 100
72 17.6 20.5 30.7#



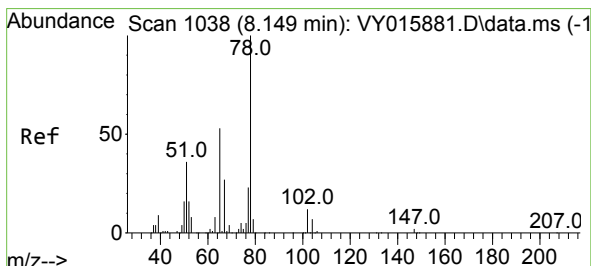
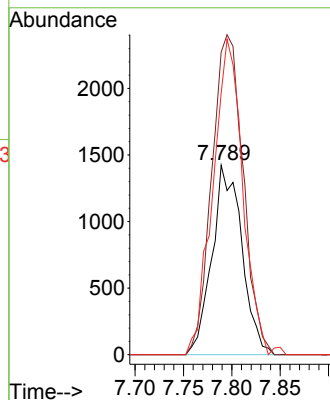
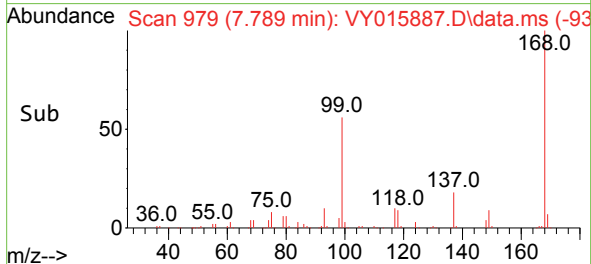


#31
Cyclohexane
Concen: 1.965 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

Instrument :
MSVOA_Y
ClientSampleId :

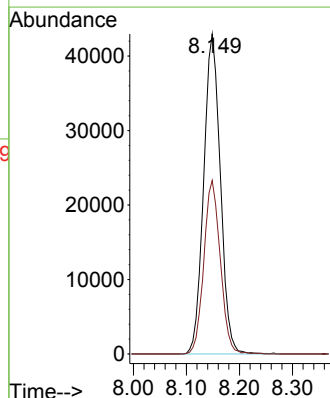
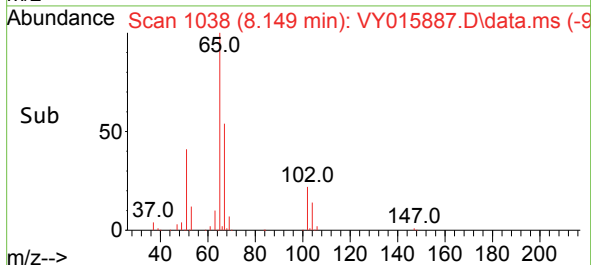
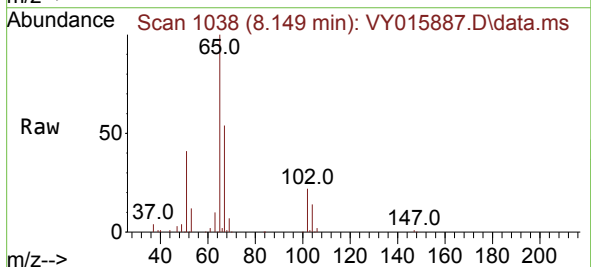


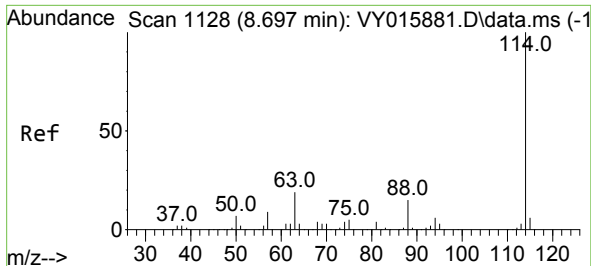
Tgt Ion: 56 Resp: 3049
Ion Ratio Lower Upper
56 100
69 159.7 27.8 41.6#
84 138.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 64.809 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

Tgt Ion: 65 Resp: 93890
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8

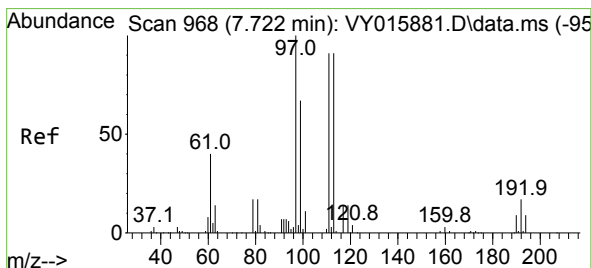
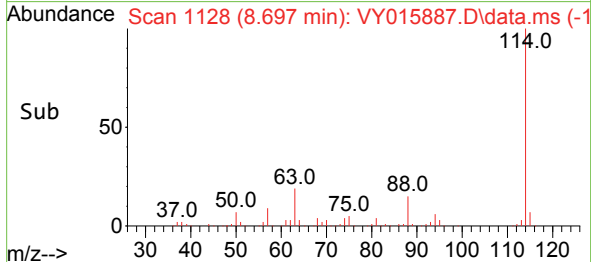
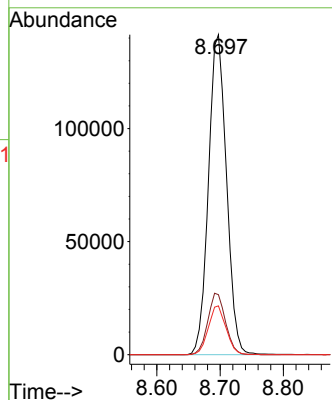
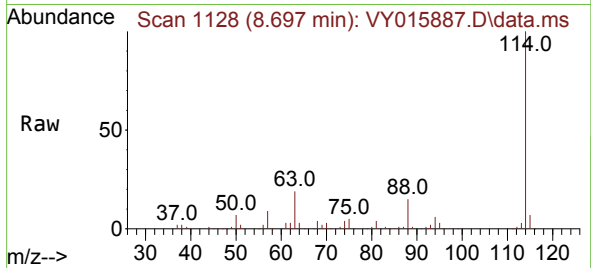




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

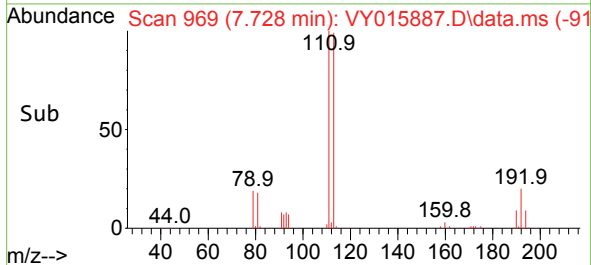
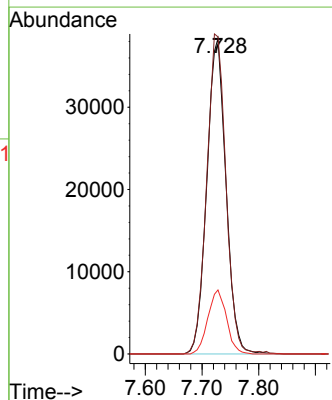
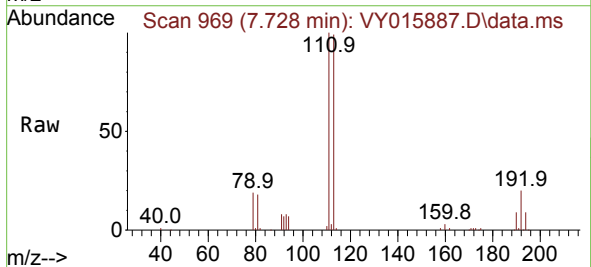
Instrument :
MSVOA_Y
ClientSampleId :

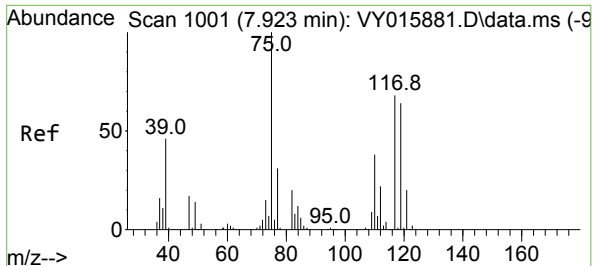
Tgt Ion:114 Resp: 280418
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.461 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

Tgt Ion:113 Resp: 89876
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 7.146 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

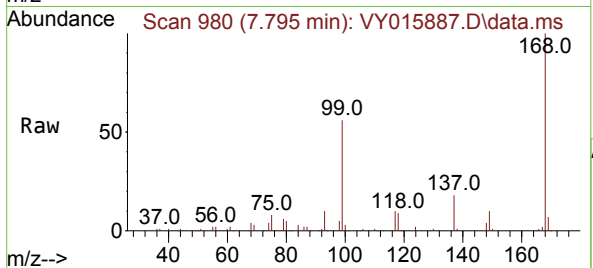
Lab File: VY015887.D

Acq: 10 Oct 2023 10:37

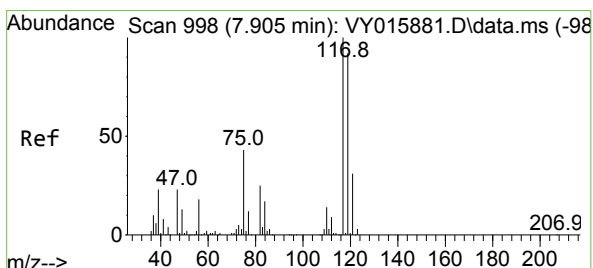
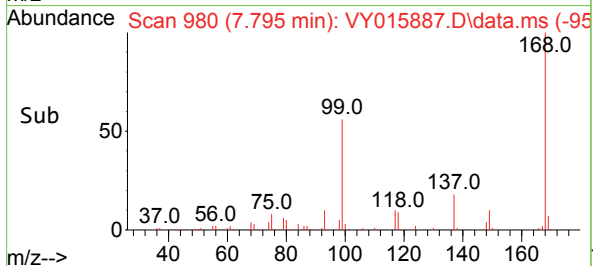
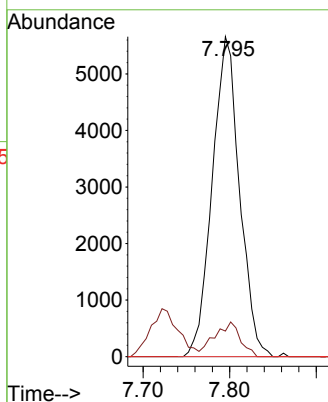
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 12378
Ion Ratio	Lower Upper
75	100
110	10.1 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.455 ug/l

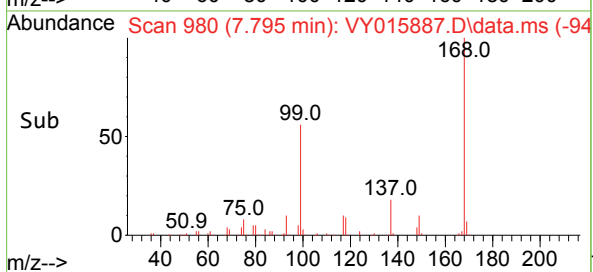
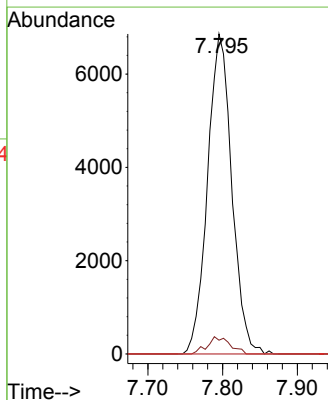
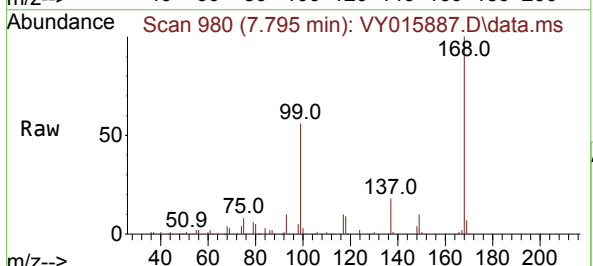
RT: 7.795 min Scan# 980

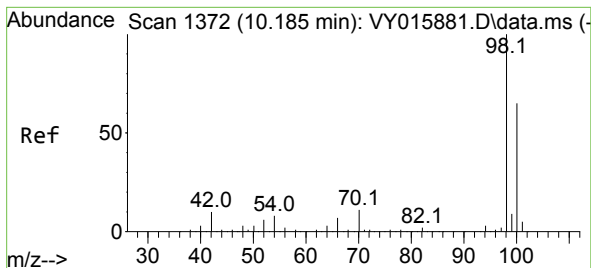
Delta R.T. -0.110 min

Lab File: VY015887.D

Acq: 10 Oct 2023 10:37

Tgt Ion: 117	Resp: 15509
Ion Ratio	Lower Upper
117	100
119	4.3 76.4 114.6#
121	0.0 25.8 38.6#

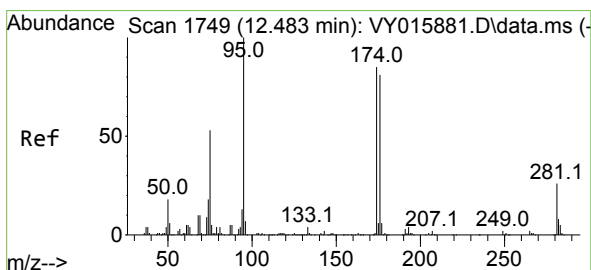
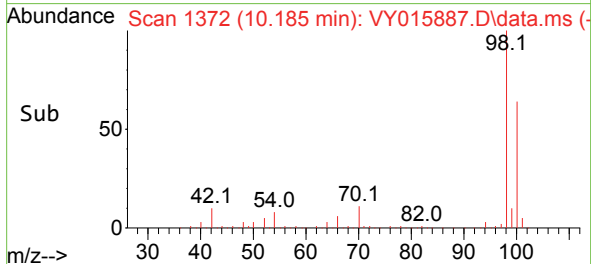
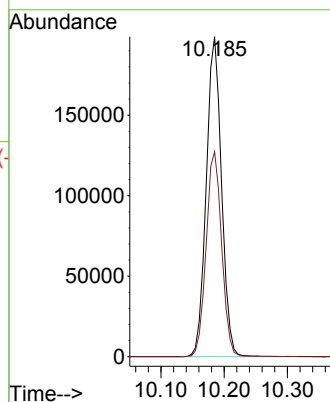
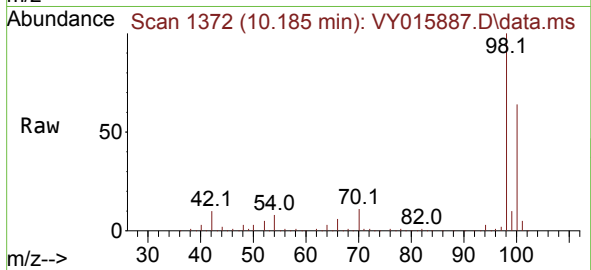




#50
Toluene-d8
Concen: 64.695 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

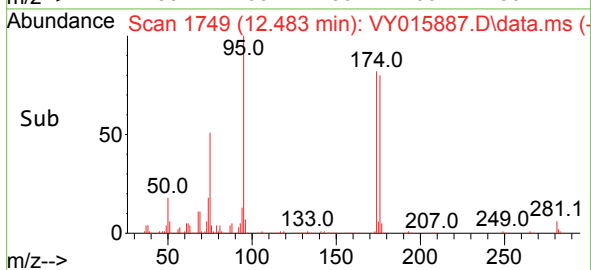
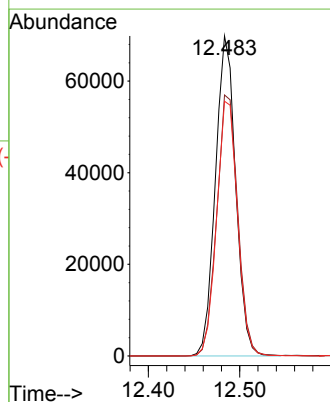
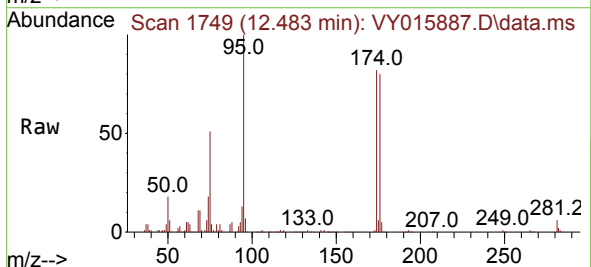
Instrument :
MSVOA_Y
ClientSampleId :

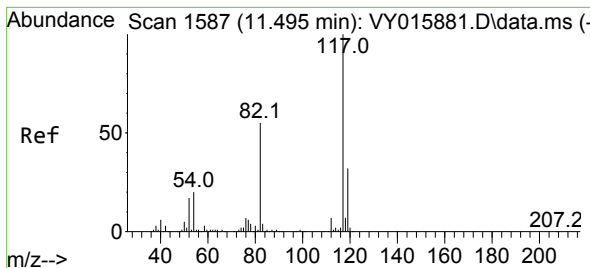
Tgt Ion: 98 Resp: 333494
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.472 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

Tgt Ion: 95 Resp: 107771
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 82.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

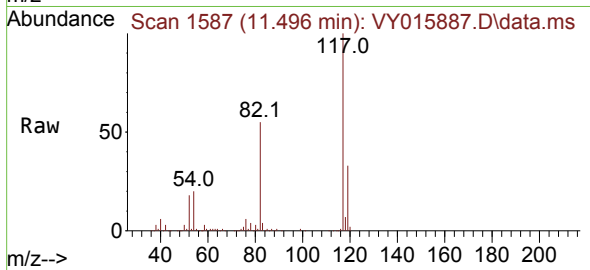
Lab File: VY015887.D

Acq: 10 Oct 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :



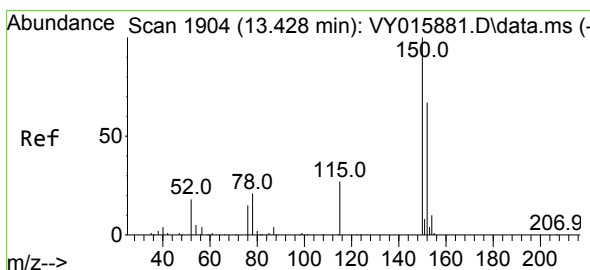
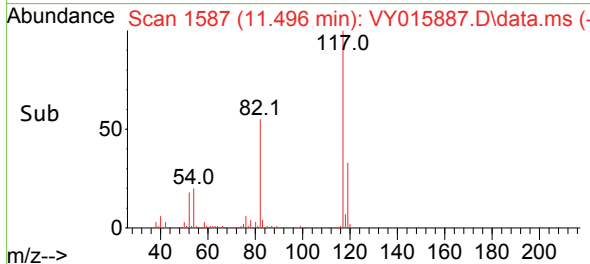
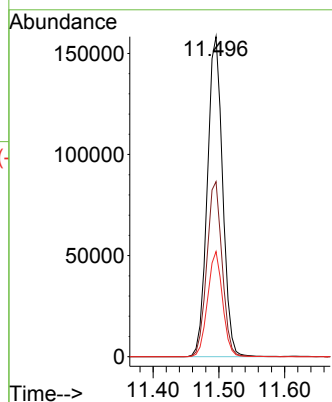
Tgt Ion:117 Resp: 255731

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 32.9 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: VY015887.D

Acq: 10 Oct 2023 10:37

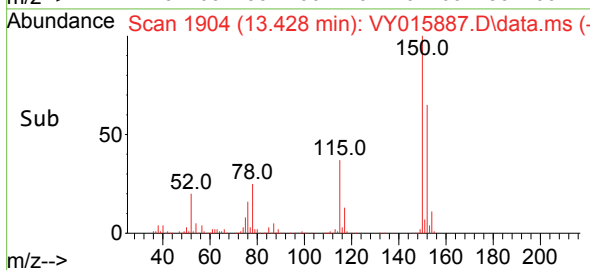
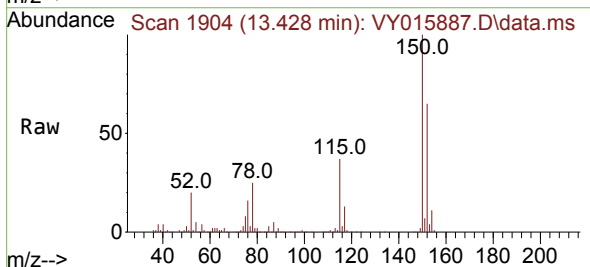
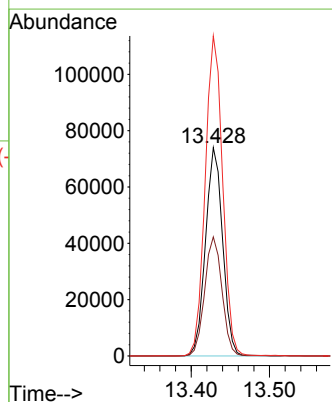
Tgt Ion:152 Resp: 112234

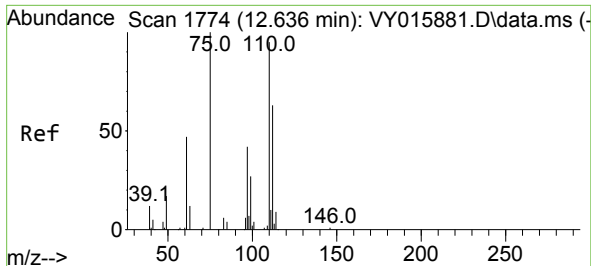
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 156.3 0.0 348.8

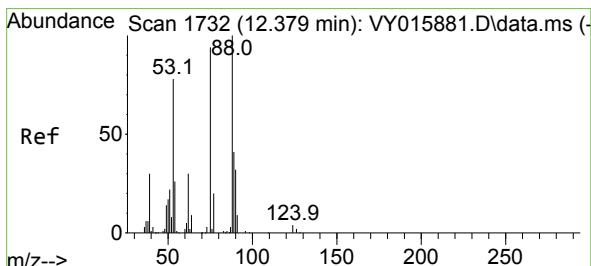
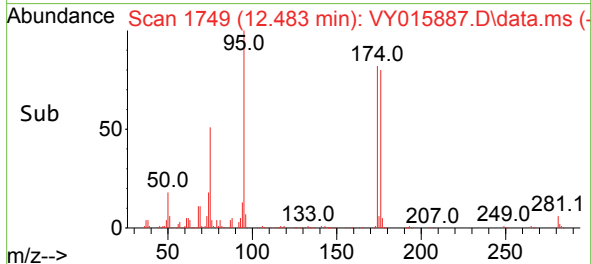
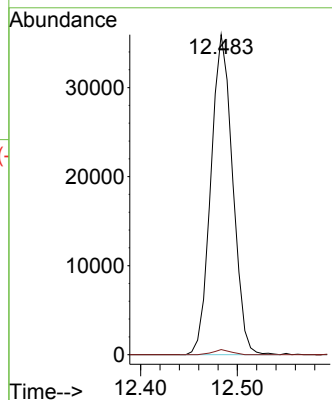
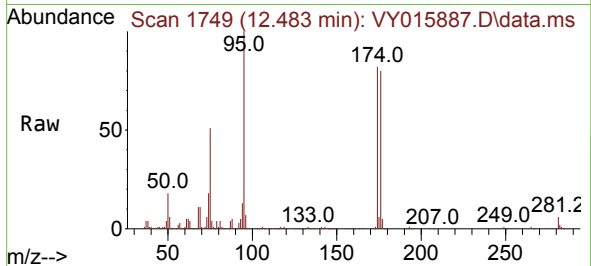




#76
1,2,3-Trichloropropane
Concen: 42.859 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 56154
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.041 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

Tgt Ion: 75 Resp: 56154
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

