

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014519.D
 Acq On : 30 Jun 2023 16:42
 Operator : KP/MD
 Sample : VY0630WBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBL01

Quant Time: Jun 30 23:18:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

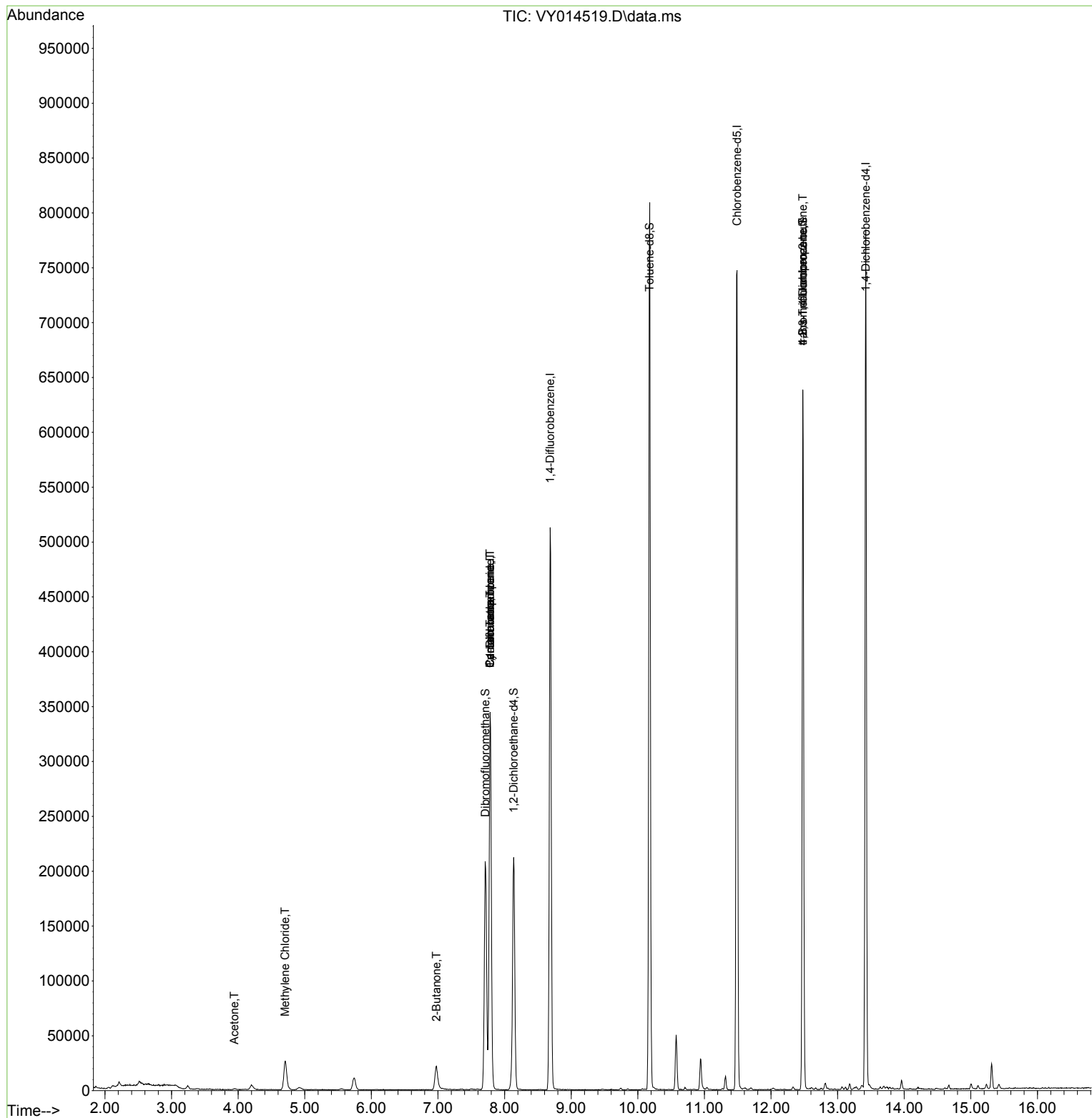
Internal Standards						
1) Pentafluorobenzene	7.783	168	294972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	467857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	447690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	216619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165223	56.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.620%	
35) Dibromofluoromethane	7.710	113	150407	52.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.400%	
50) Toluene-d8	10.179	98	553119	48.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.120%	
62) 4-Bromofluorobenzene	12.477	95	183573	46.417	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.840%	
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	48	Below Cal	#	9
11) Tert butyl alcohol	4.917	59	1241	Below Cal	#	89
13) Acrolein	3.729	56	81	Below Cal		96
16) Acetone	3.942	43	1174	1.281	ug/l #	67
20) Methylene Chloride	4.704	84	21020	1.311	ug/l	84
25) 2-Butanone	6.978	43	1524	1.123	ug/l	98
31) Cyclohexane	7.783	56	4780	1.038	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	19430	4.404	ug/l #	49
38) Carbon Tetrachloride	7.783	117	24882	5.402	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	87124	34.275	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	87124	66.712	ug/l #	11

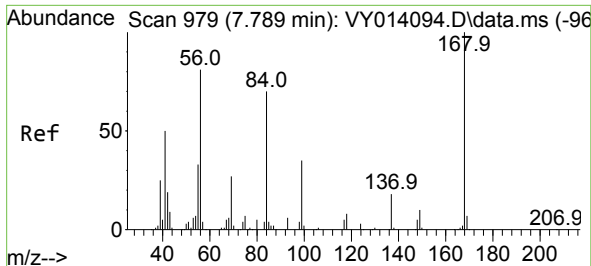
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
Data File : VY014519.D
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Quant Time: Jun 30 23:18:00 2023
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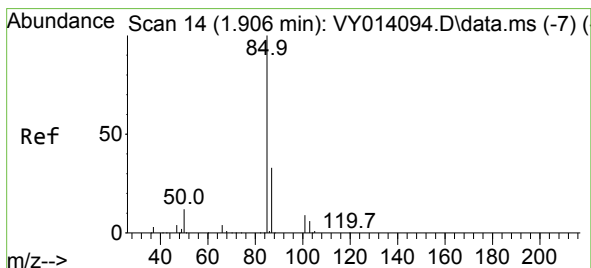
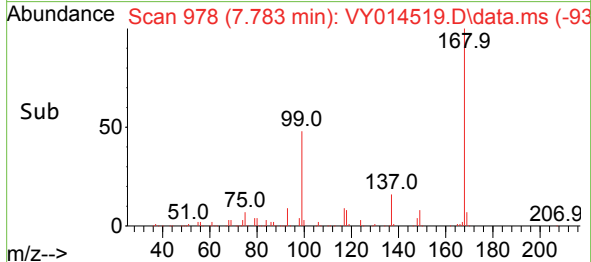
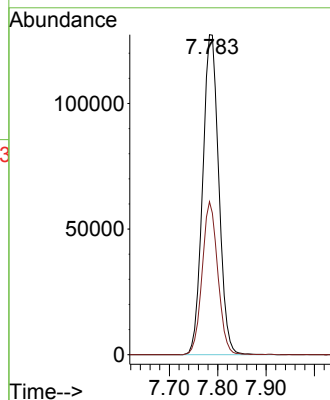
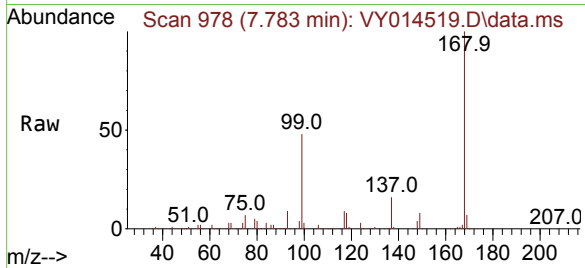




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

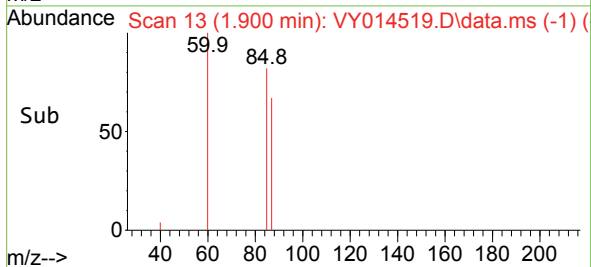
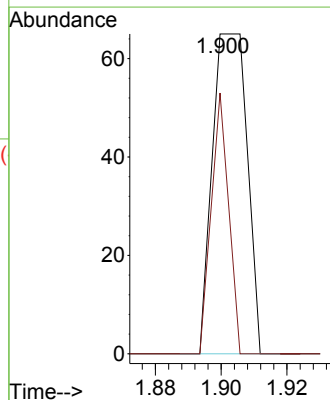
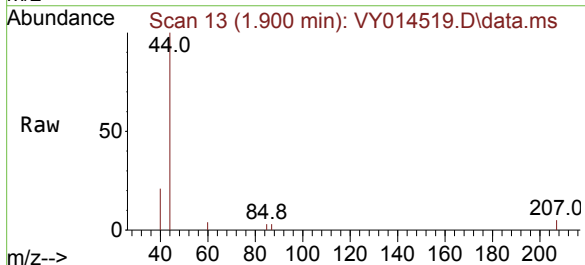
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBL01

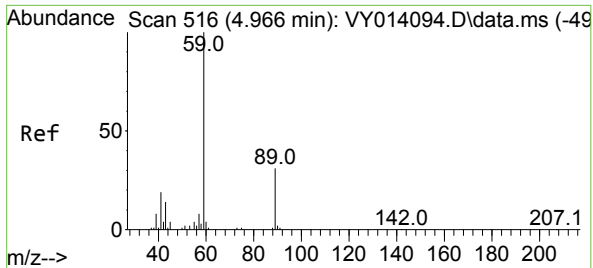
Tgt Ion:168 Resp: 294972
Ion Ratio Lower Upper
168 100
99 47.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

Tgt Ion: 85 Resp: 48
Ion Ratio Lower Upper
85 100
87 81.5 15.6 46.8#

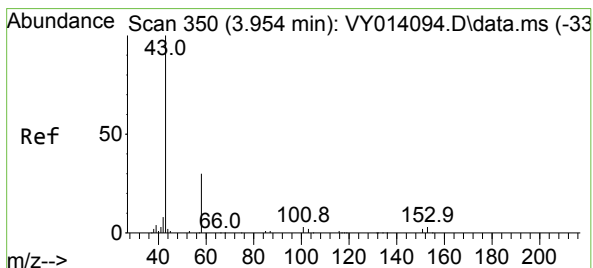
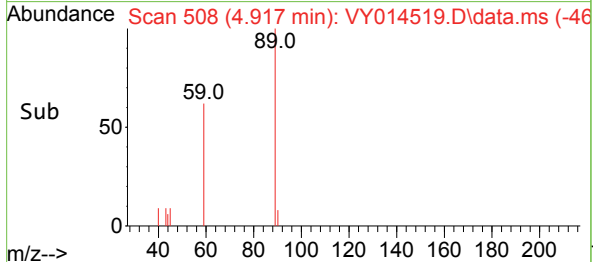
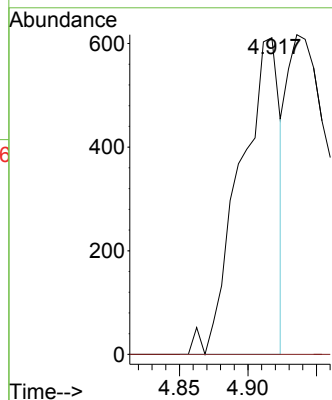
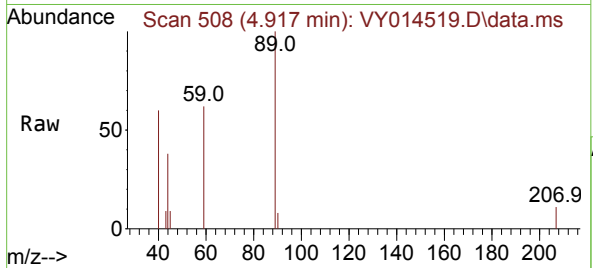




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 50
Delta R.T. -0.049 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

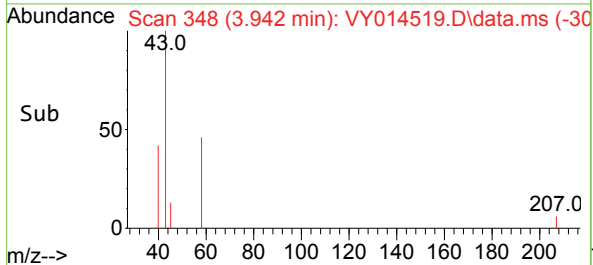
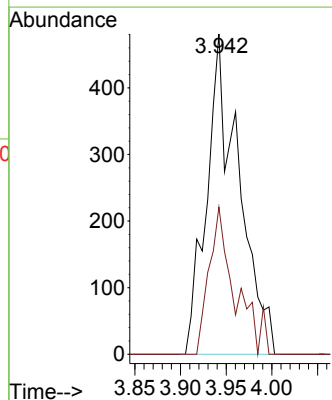
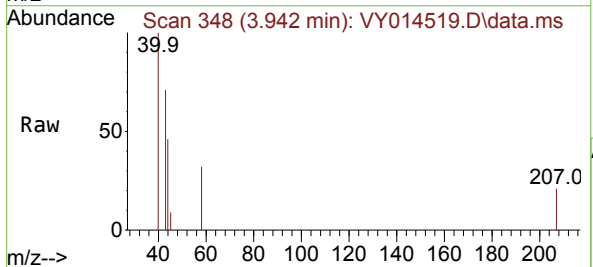
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBL01

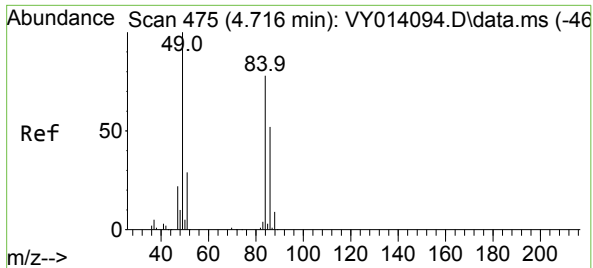
Tgt Ion: 59 Resp: 1241
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 1.281 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

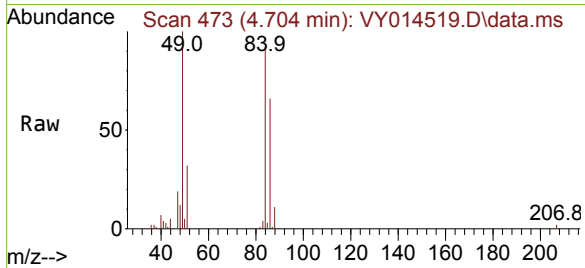
Tgt Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
58 45.9 22.7 34.1#



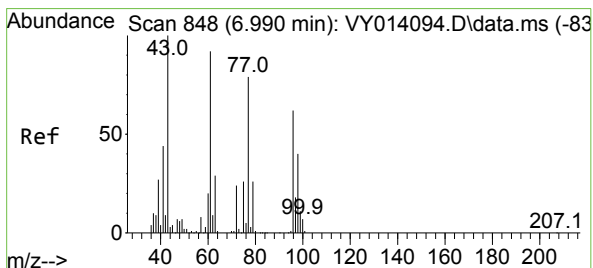
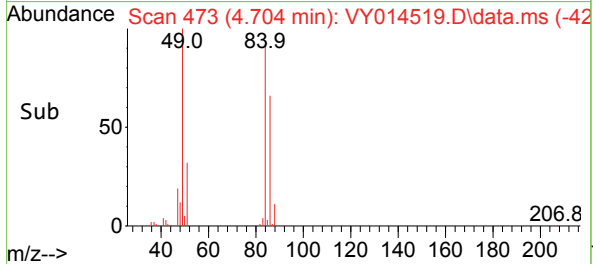
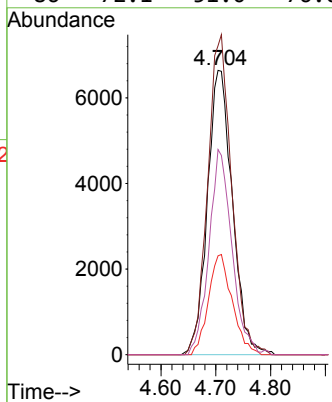


#20
Methylene Chloride
Concen: 1.311 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBL01

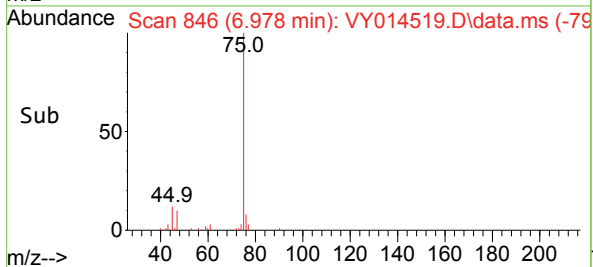
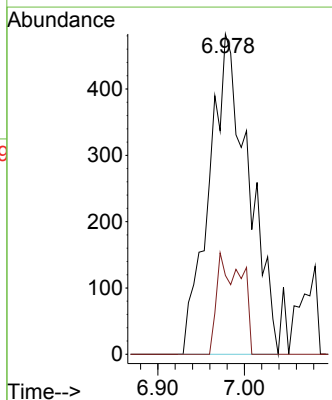
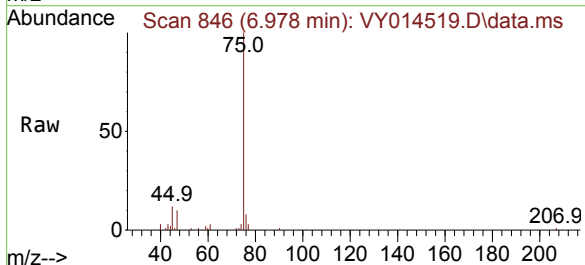


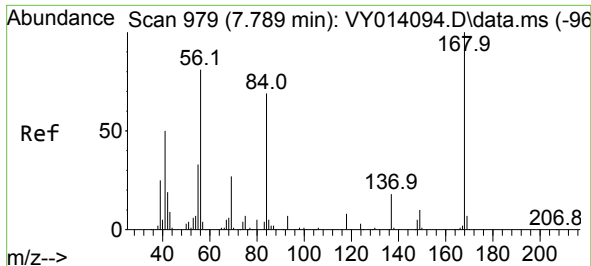
Tgt Ion: 84	Resp: 21020
Ion Ratio	Lower Upper
84 100	
49 108.6	106.9 160.3
51 34.8	33.2 49.8
86 72.1	51.0 76.6



#25
2-Butanone
Concen: 1.123 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

Tgt Ion: 43	Resp: 1524
Ion Ratio	Lower Upper
43 100	
72 24.6	20.5 30.7

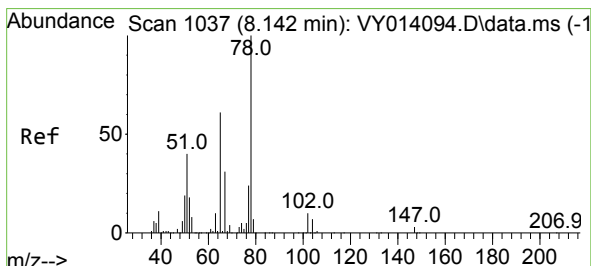
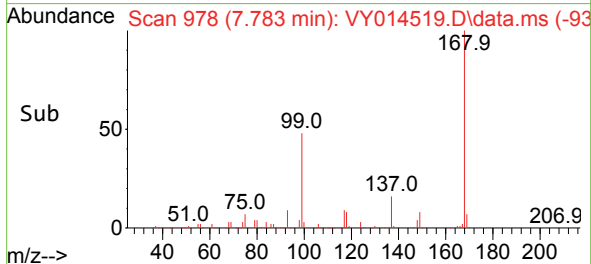
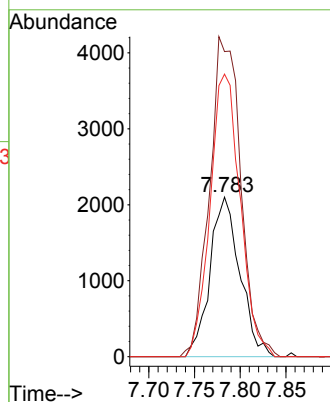
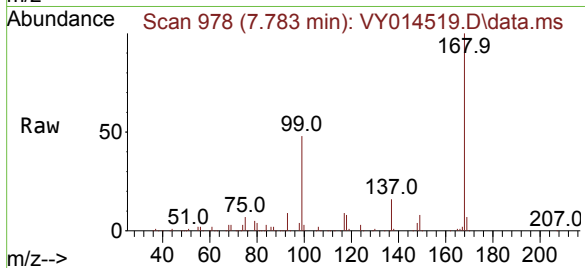




#31
Cyclohexane
Concen: 1.038 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

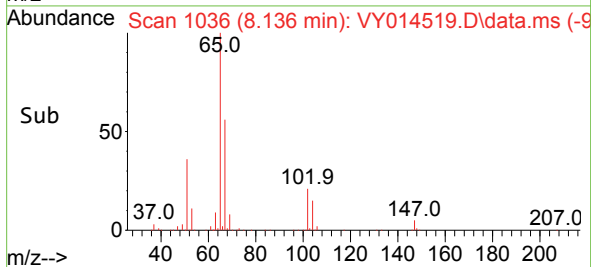
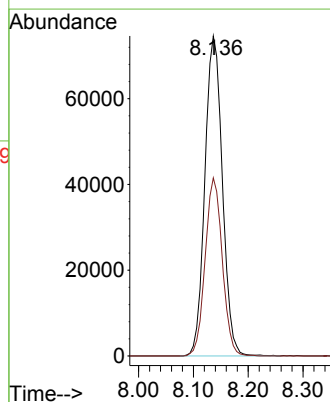
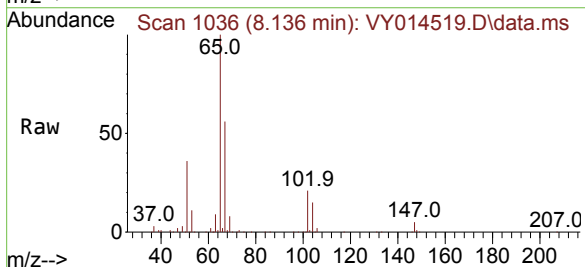
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBL01

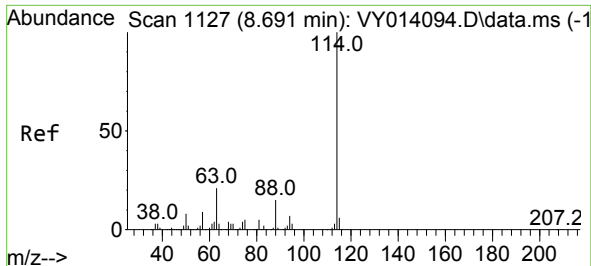
Tgt Ion: 56 Resp: 4780
Ion Ratio Lower Upper
56 100
69 191.3 27.8 41.6#
84 177.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.307 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

Tgt Ion: 65 Resp: 165223
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014519.D

Acq: 30 Jun 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBL01

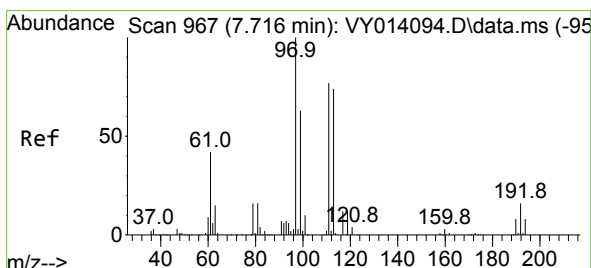
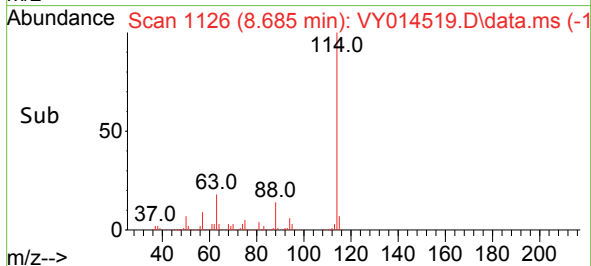
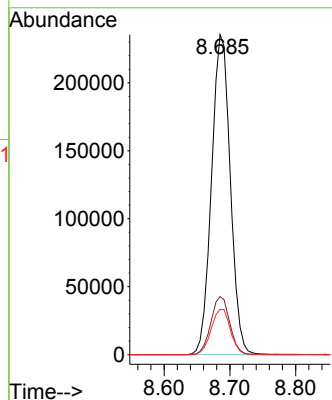
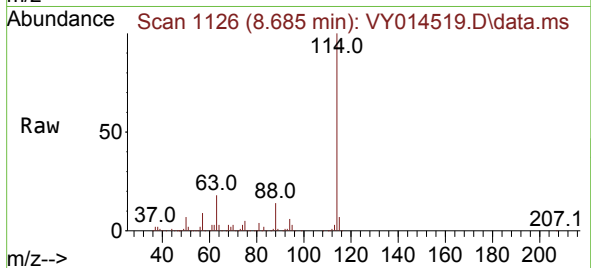
Tgt Ion:114 Resp: 467857

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.205 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014519.D

Acq: 30 Jun 2023 16:42

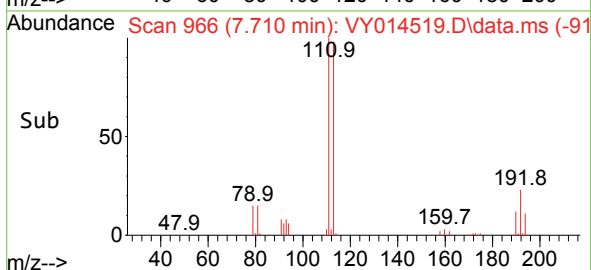
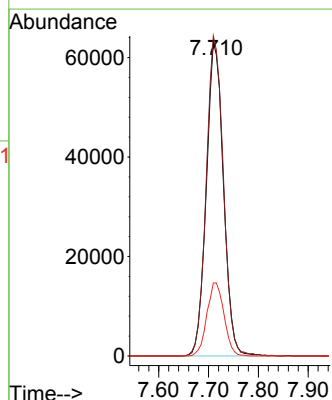
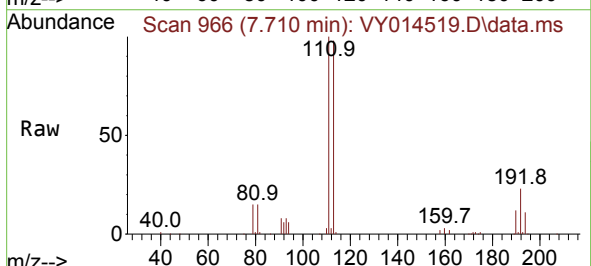
Tgt Ion:113 Resp: 150407

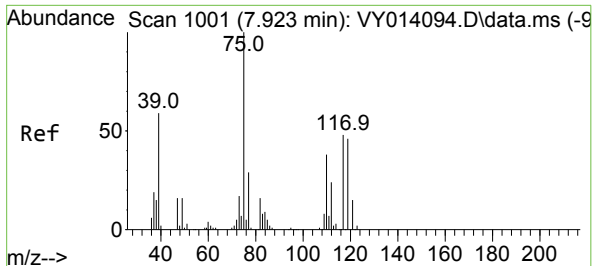
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 23.3 16.9 25.3

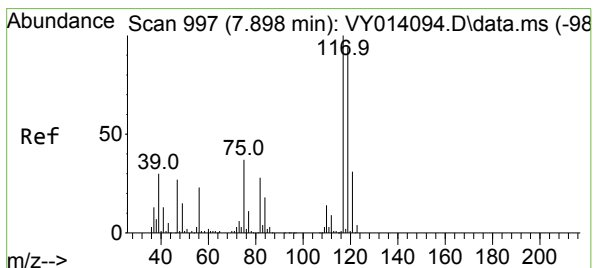
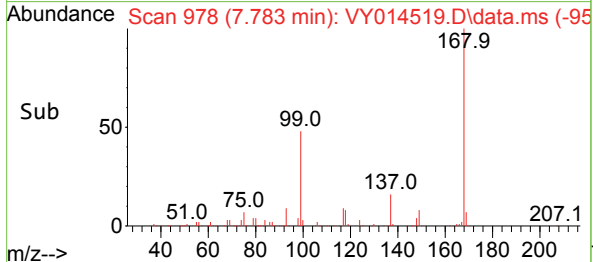
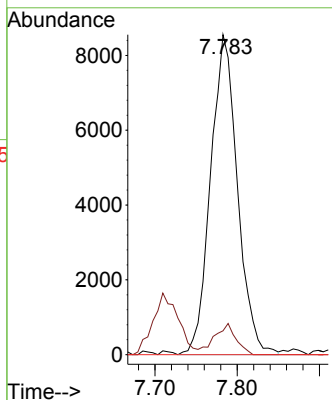
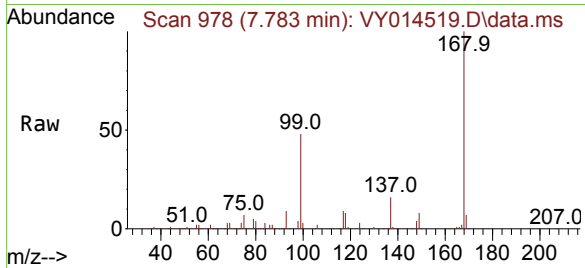




#36
1,1-Dichloropropene
Concen: 4.404 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

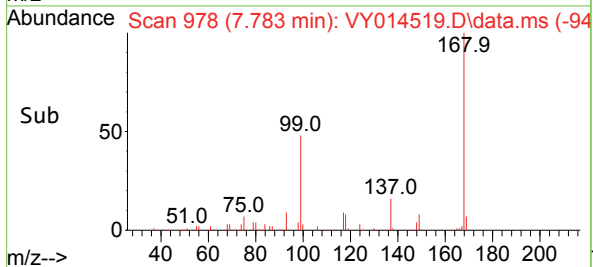
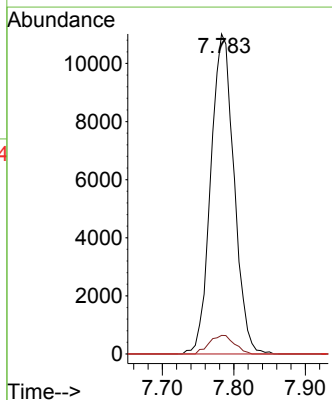
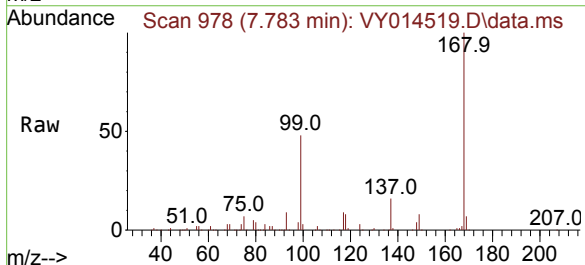
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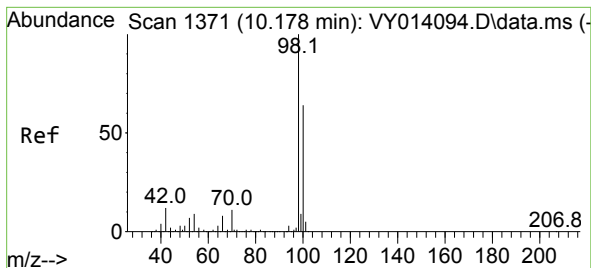
Tgt Ion: 75 Resp: 19430
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.402 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.115 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

Tgt Ion: 117 Resp: 24882
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#

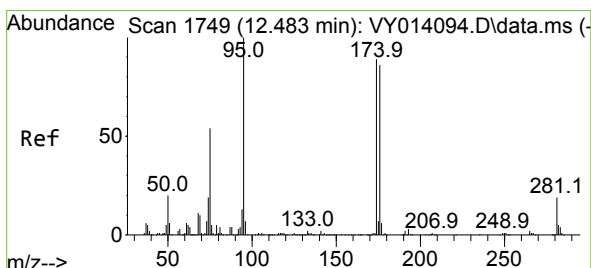
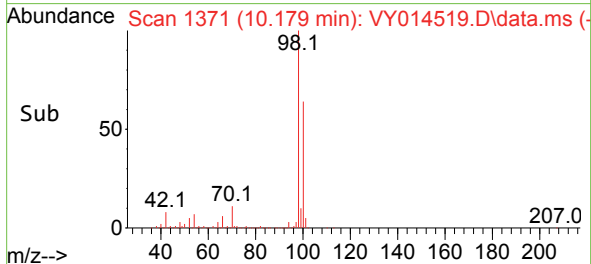
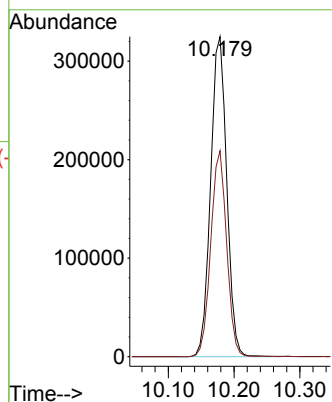
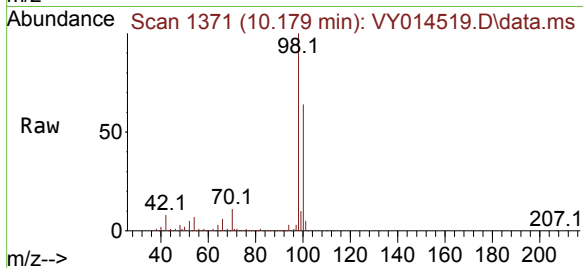




#50
Toluene-d8
Concen: 48.565 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

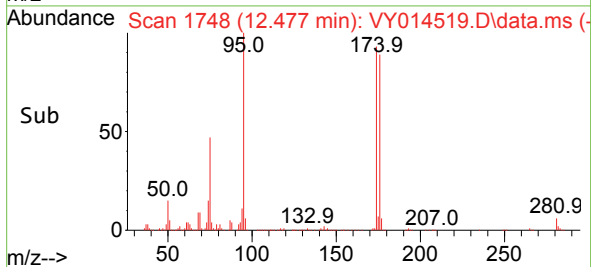
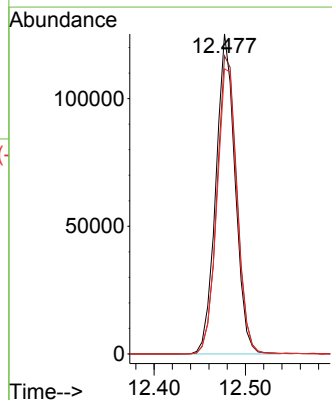
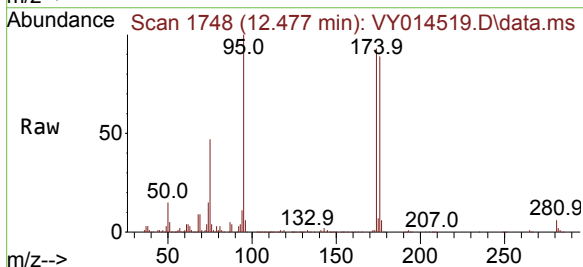
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBL01

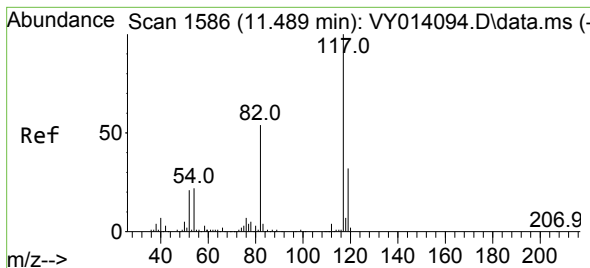
Tgt Ion: 98 Resp: 553119
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.417 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

Tgt Ion: 95 Resp: 183573
Ion Ratio Lower Upper
95 100
174 97.3 0.0 178.2
176 93.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014519.D

Acq: 30 Jun 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBL01

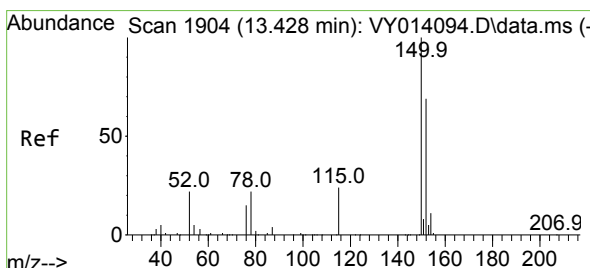
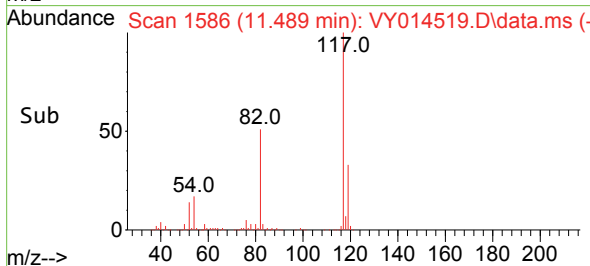
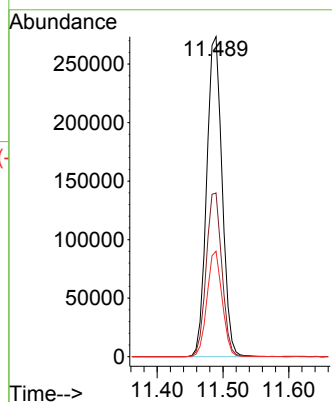
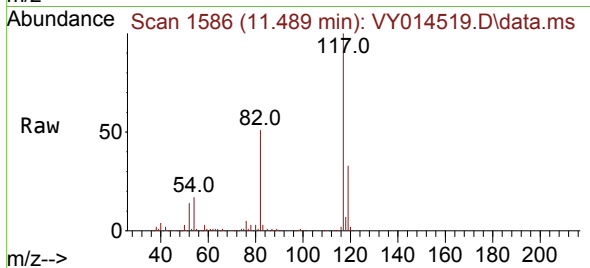
Tgt Ion:117 Resp: 447690

Ion Ratio Lower Upper

117 100

82 51.2 43.4 65.0

119 33.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014519.D

Acq: 30 Jun 2023 16:42

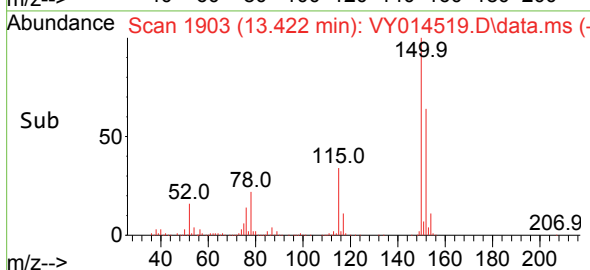
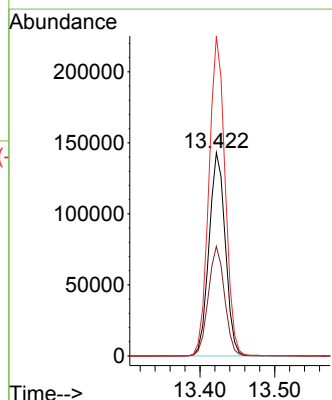
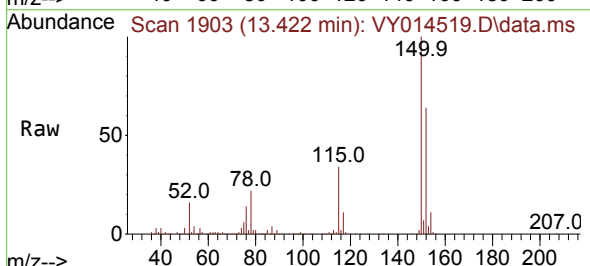
Tgt Ion:152 Resp: 216619

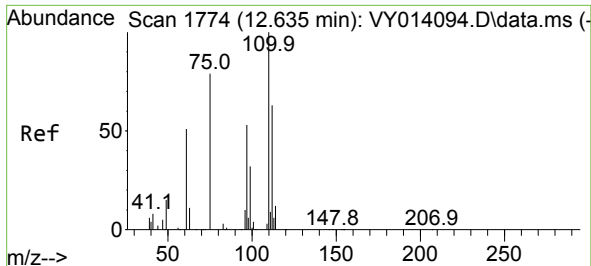
Ion Ratio Lower Upper

152 100

115 53.6 28.8 86.5

150 156.2 0.0 348.8

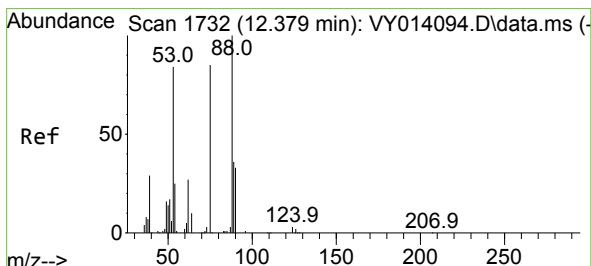
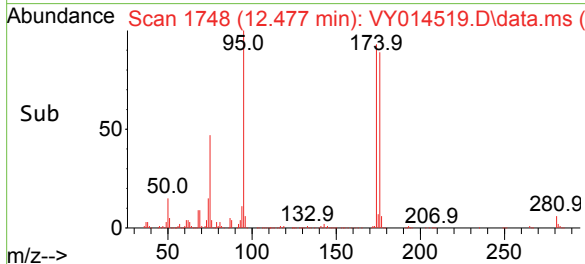
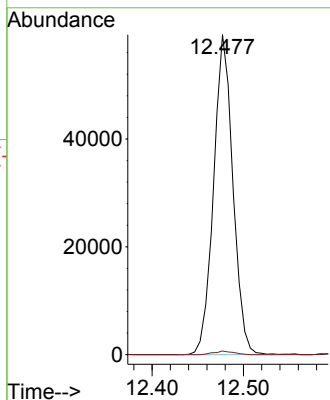
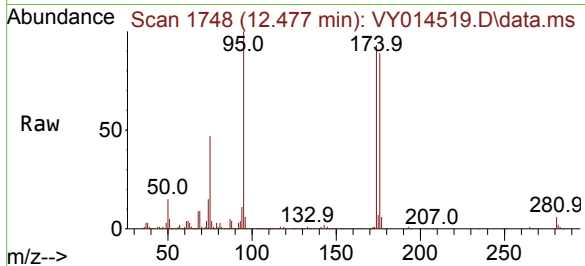




#76
1,2,3-Trichloropropane
Concen: 34.275 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBL01

Tgt Ion: 75 Resp: 87124
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.712 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014519.D
Acq: 30 Jun 2023 16:42

Tgt Ion: 75 Resp: 87124
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#

