

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014489.D
 Acq On : 29 Jun 2023 10:34
 Operator : KP/MD
 Sample : VY0629SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBL01

Quant Time: Jun 30 04:06:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

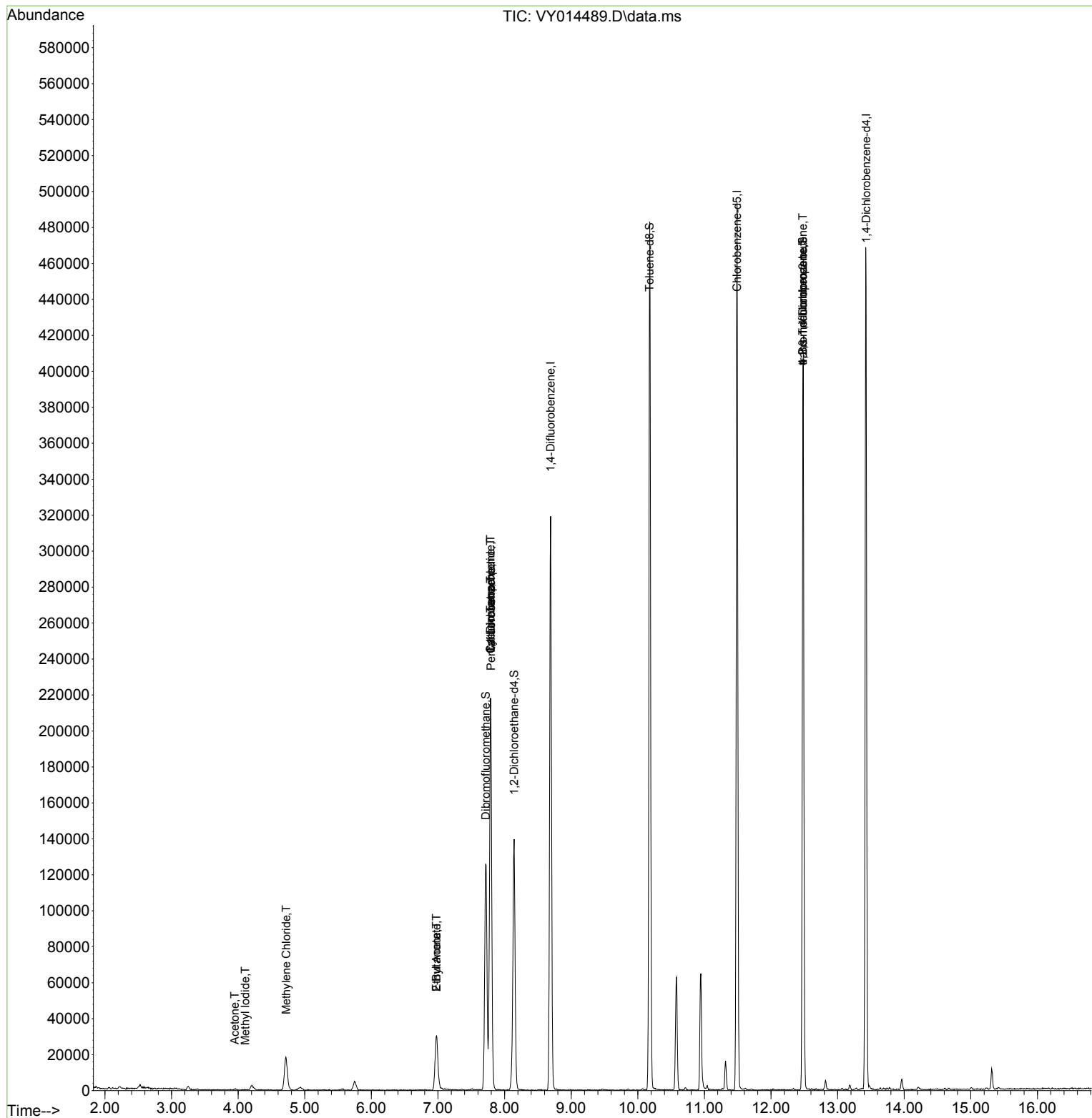
Internal Standards						
1) Pentafluorobenzene	7.795	168	171818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	265739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	260240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	114883	53.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.700%	
35) Dibromofluoromethane	7.716	113	85962	52.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.720%	
50) Toluene-d8	10.179	98	318248	48.764	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.520%	
62) 4-Bromofluorobenzene	12.477	95	104811	44.985	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.960%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	112	2.925	ug/l #	60
11) Tert butyl alcohol	4.930	59	1588	Below Cal	#	89
16) Acetone	3.948	43	1102	1.642	ug/l	96
20) Methylene Chloride	4.722	84	14241	2.013	ug/l #	77
25) 2-Butanone	6.978	43	1798	2.151	ug/l #	49
31) Cyclohexane	7.789	56	3712	1.409	ug/l #	7
36) 1,1-Dichloropropene	7.789	75	12666	5.006	ug/l #	50
37) Ethyl Acetate	6.978	43	1798	1.031	ug/l #	1
38) Carbon Tetrachloride	7.789	117	16448	5.166	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	58617	37.868	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58617	86.212	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
Data File : VY014489.D
Acq On : 29 Jun 2023 10:34
Operator : KP/MD
Sample : VY0629SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

Quant Time: Jun 30 04:06:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

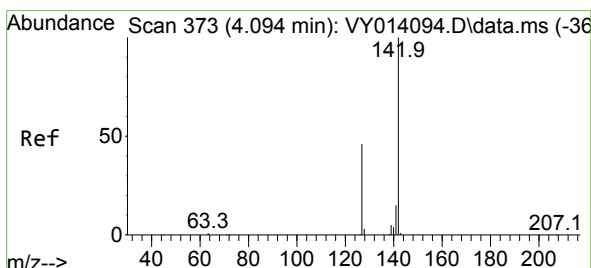
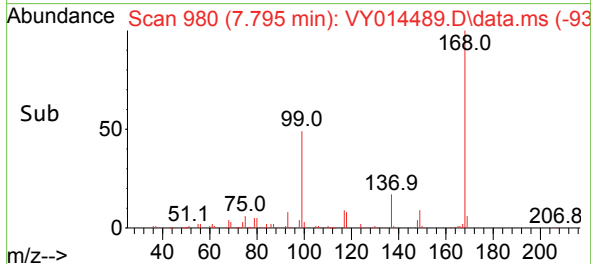
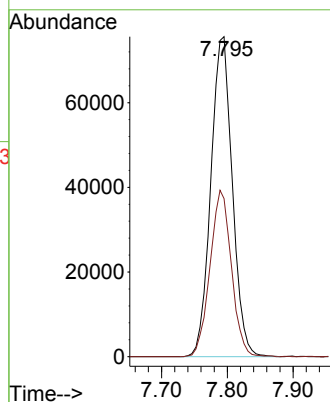
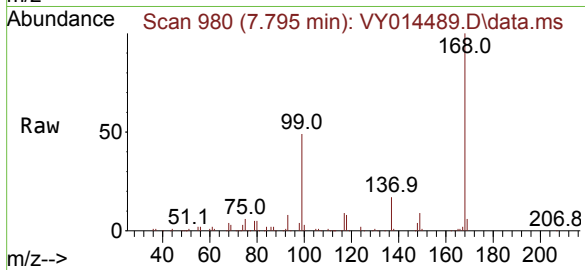




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014489.D
Acq: 29 Jun 2023 10:34

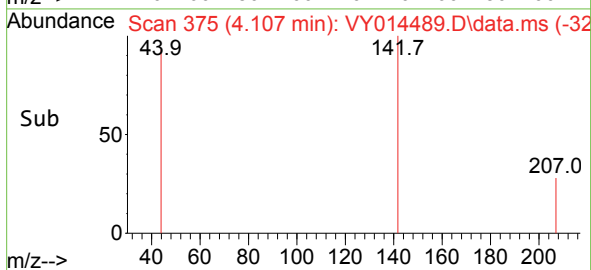
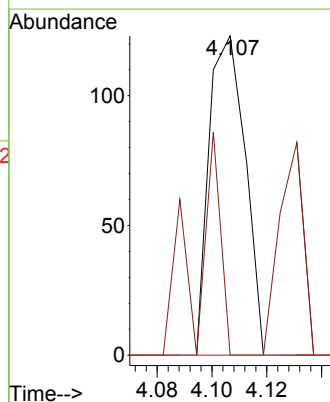
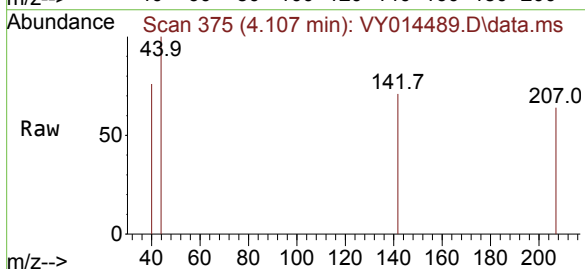
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

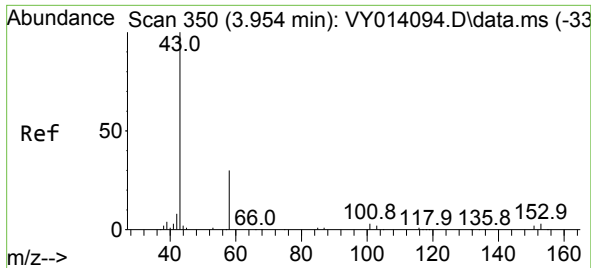
Tgt Ion:168 Resp: 171818
Ion Ratio Lower Upper
168 100
99 49.4 43.4 65.0



#10
Methyl Iodide
Concen: 2.925 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.013 min
Lab File: VY014489.D
Acq: 29 Jun 2023 10:34

Tgt Ion:142 Resp: 112
Ion Ratio Lower Upper
142 100
127 19.6 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 1.642 ug/l

RT: 3.948 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY014489.D

Acq: 29 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

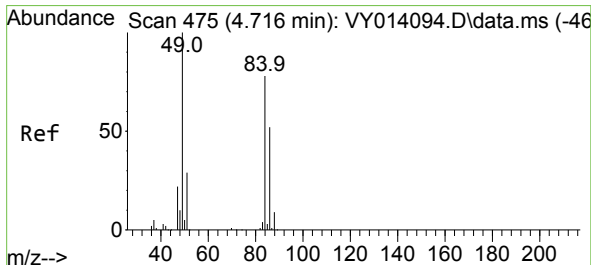
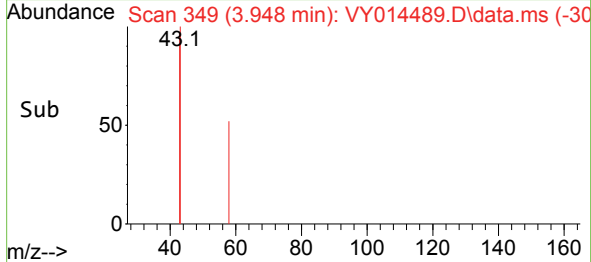
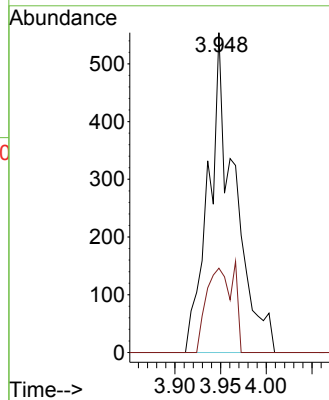
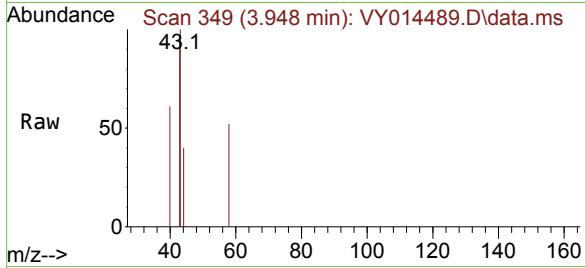
VY0629SBL01

Tgt Ion: 43 Resp: 1102

Ion Ratio Lower Upper

43 100

58 26.4 22.7 34.1



#20

Methylene Chloride

Concen: 2.013 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY014489.D

Acq: 29 Jun 2023 10:34

Tgt Ion: 84 Resp: 14241

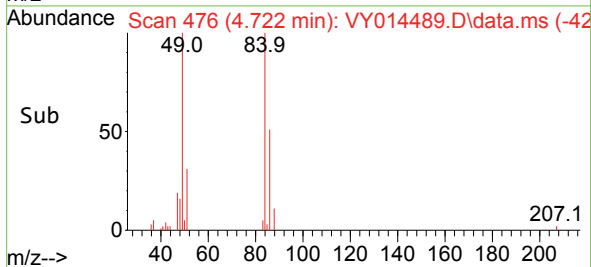
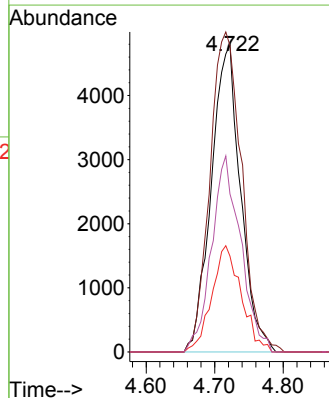
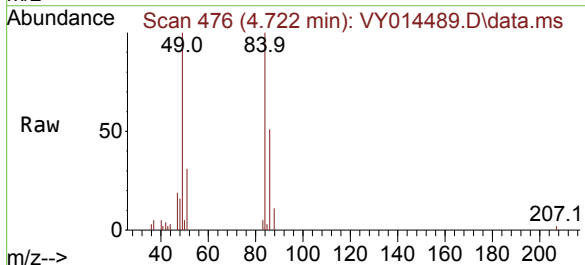
Ion Ratio Lower Upper

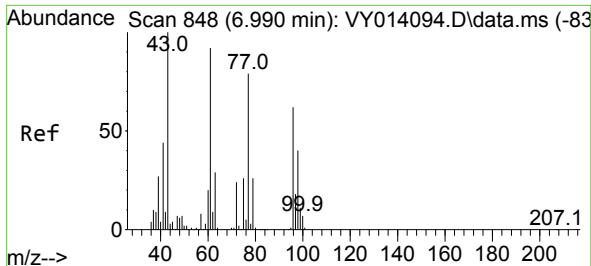
84 100

49 99.7 106.9 160.3#

51 31.2 33.2 49.8#

86 51.4 51.0 76.6

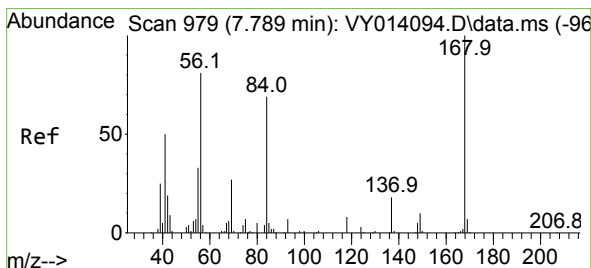
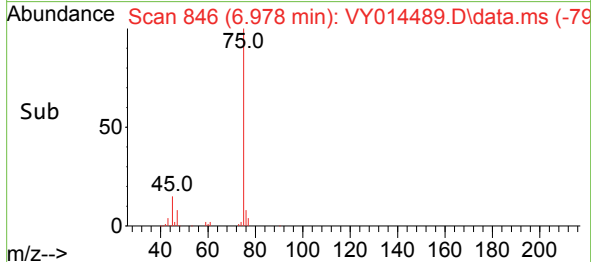
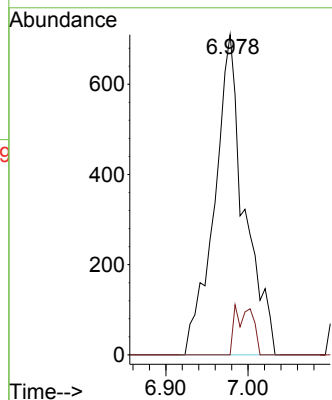
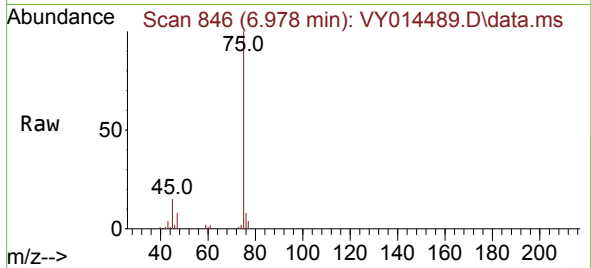




#25
2-Butanone
Concen: 2.151 ug/l
RT: 6.978 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY014489.D
Acq: 29 Jun 2023 10:34

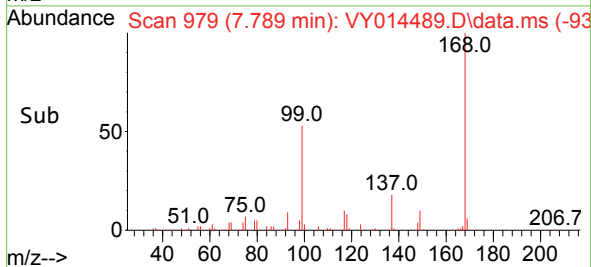
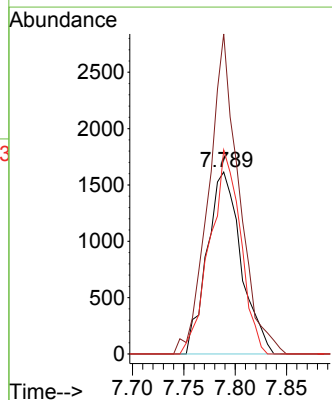
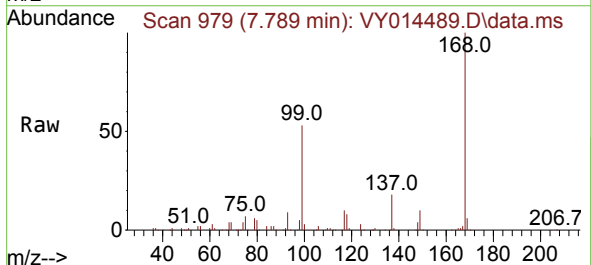
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

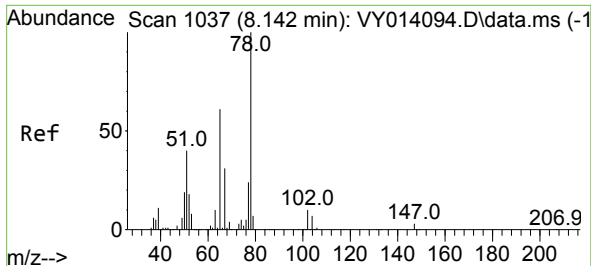
Tgt Ion: 43 Resp: 1798
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.409 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014489.D
Acq: 29 Jun 2023 10:34

Tgt Ion: 56 Resp: 3712
Ion Ratio Lower Upper
56 100
69 172.8 27.8 41.6#
84 112.1 66.4 99.6#



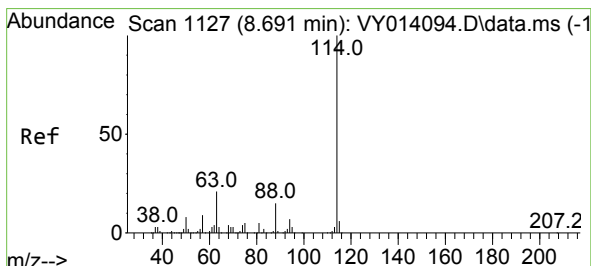
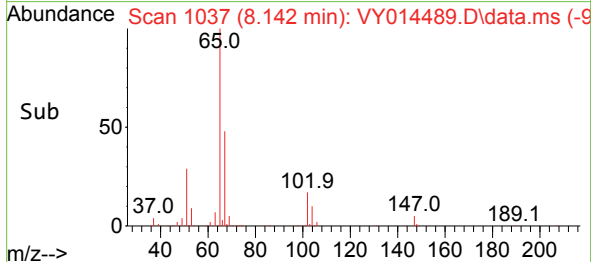
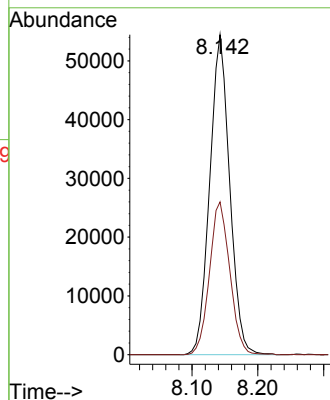
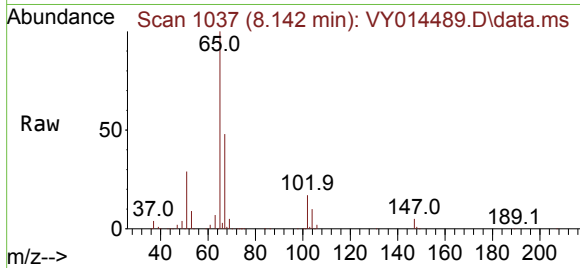


#33
 1,2-Dichloroethane-d4
 Concen: 53.853 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014489.D
 Acq: 29 Jun 2023 10:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBL01

Tgt Ion: 65 Resp: 114883

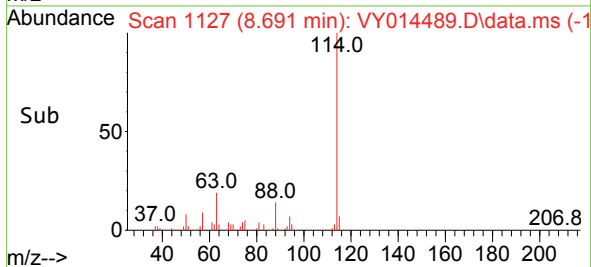
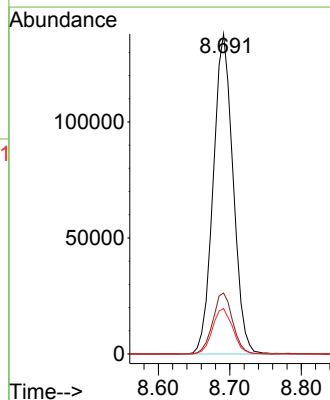
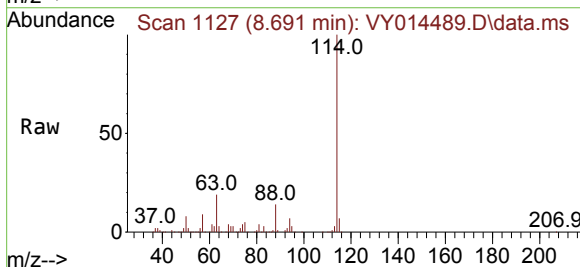
Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	101.8

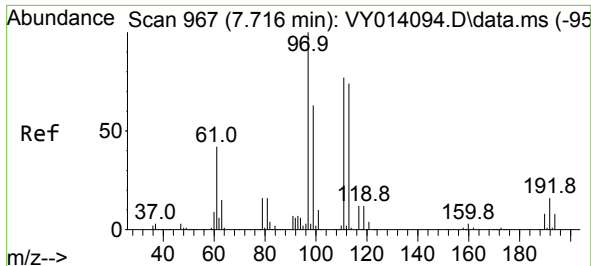


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014489.D
 Acq: 29 Jun 2023 10:34

Tgt Ion: 114 Resp: 265739

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	42.4
88	14.2	0.0	30.6

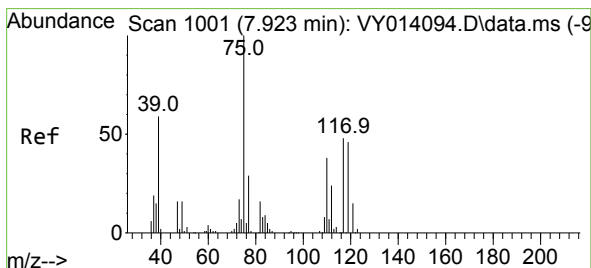
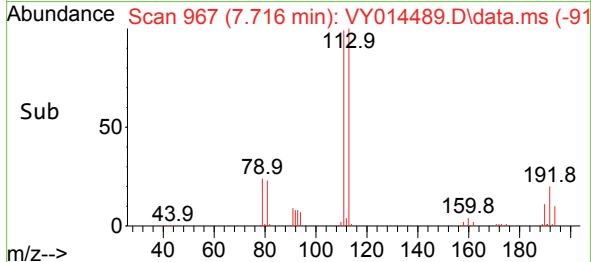
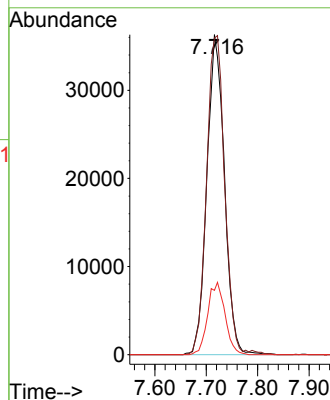
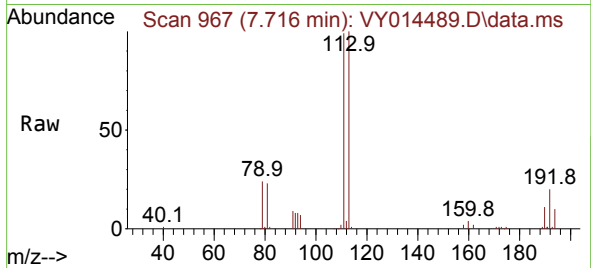




#35
Dibromofluoromethane
Concen: 52.359 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014489.D
Acq: 29 Jun 2023 10:34

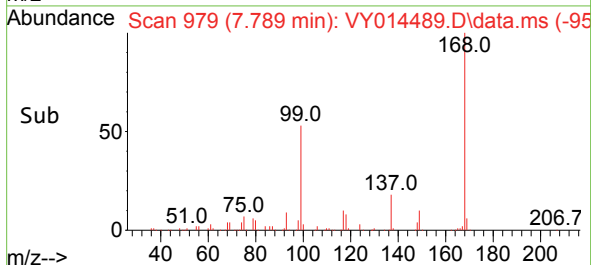
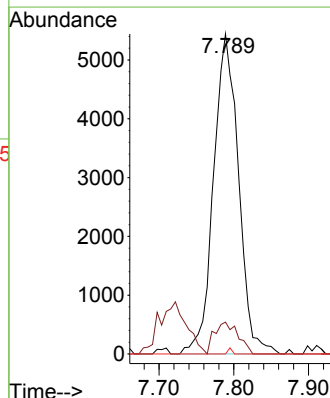
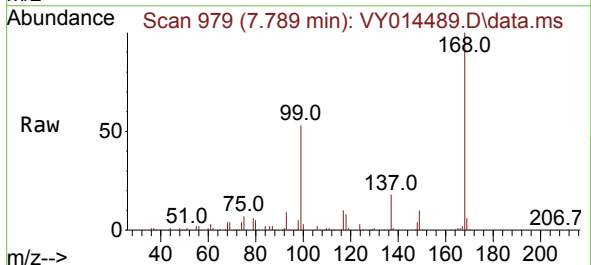
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

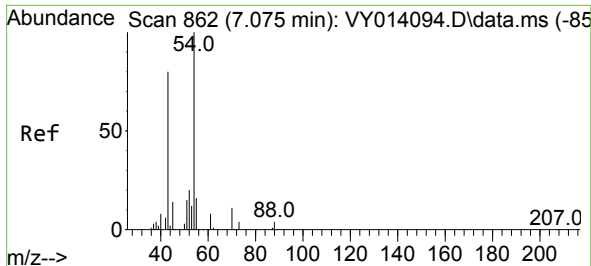
Tgt Ion:113 Resp: 85962
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 22.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.006 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014489.D
Acq: 29 Jun 2023 10:34

Tgt Ion: 75 Resp: 12666
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.3 24.4 36.6#

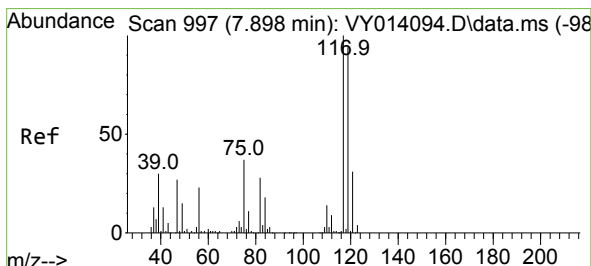
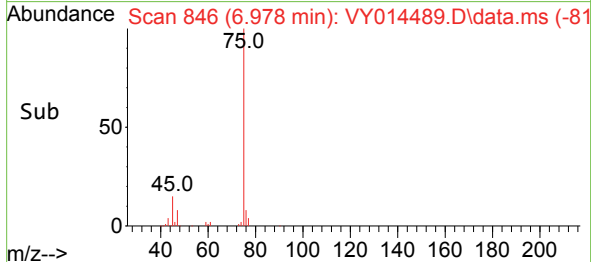
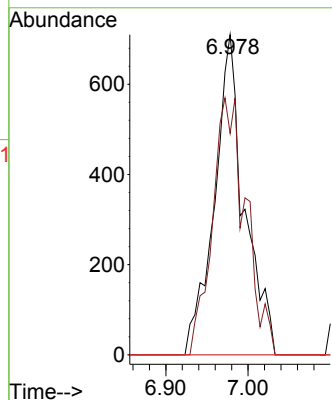
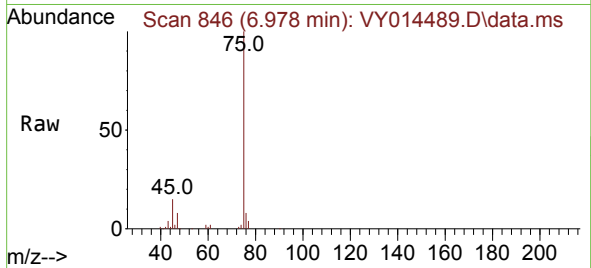




#37
Ethyl Acetate
Concen: 1.031 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.097 min
Lab File: VY014489.D
Acq: 29 Jun 2023 10:34

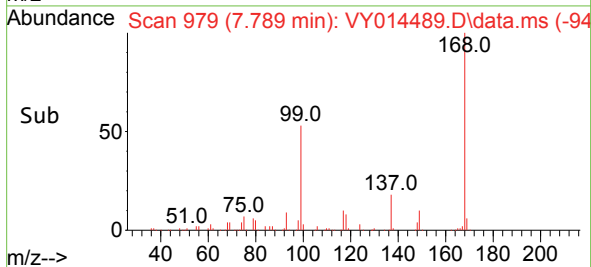
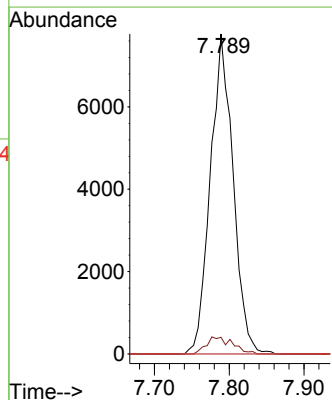
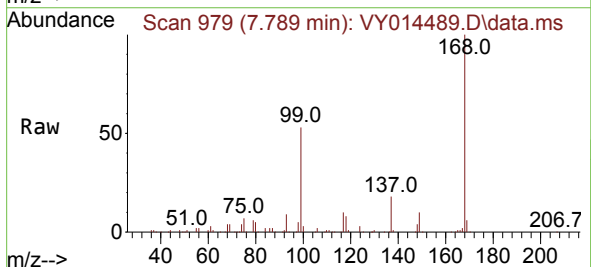
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

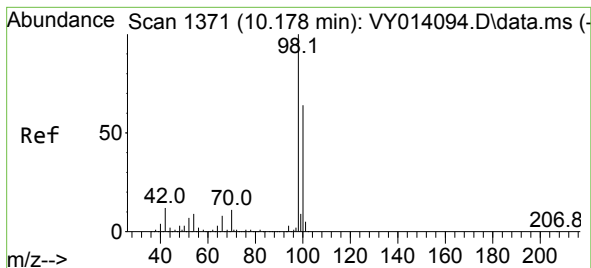
Tgt Ion: 43 Resp: 1798
Ion Ratio Lower Upper
43 100
61 90.1 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.166 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014489.D
Acq: 29 Jun 2023 10:34

Tgt Ion: 117 Resp: 16448
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#

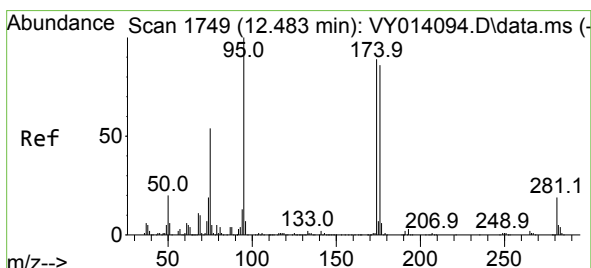
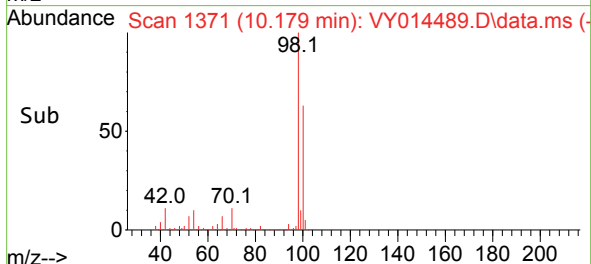
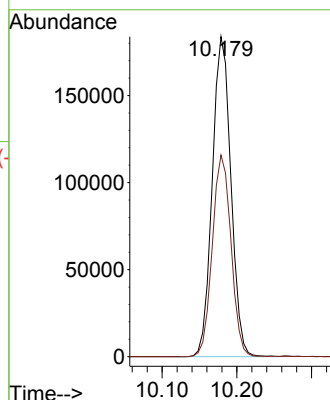
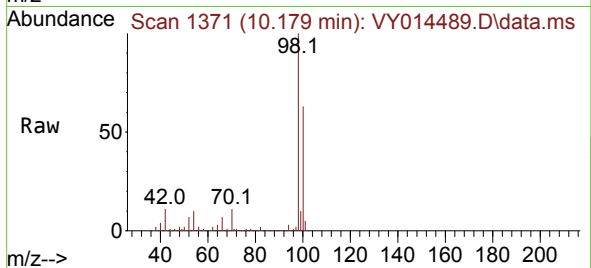




#50
Toluene-d8
Concen: 48.764 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY014489.D
Acq: 29 Jun 2023 10:34

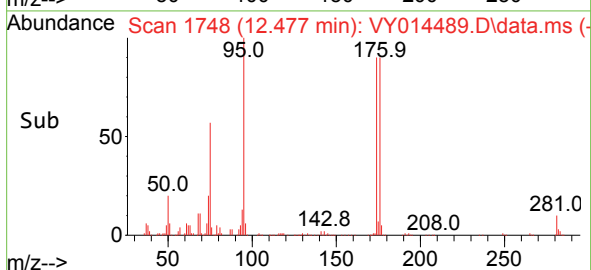
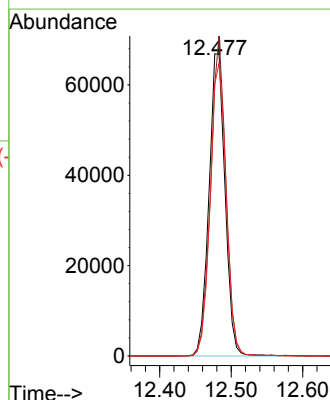
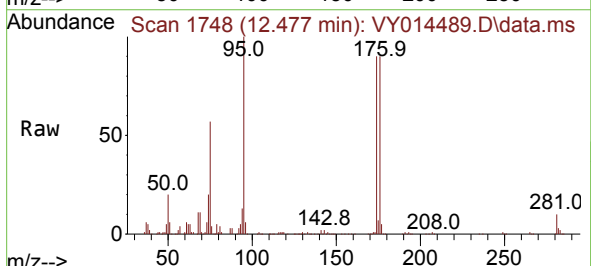
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

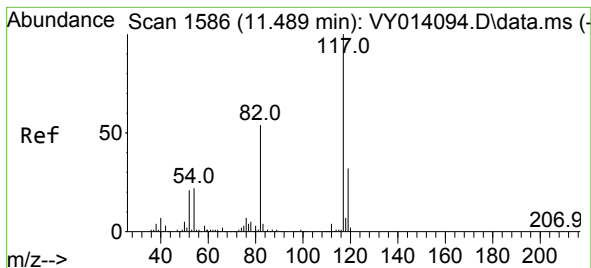
Tgt Ion: 98 Resp: 318248
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.985 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014489.D
Acq: 29 Jun 2023 10:34

Tgt Ion: 95 Resp: 104811
Ion Ratio Lower Upper
95 100
174 99.7 0.0 178.2
176 95.7 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: VY014489.D

Acq: 29 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBL01

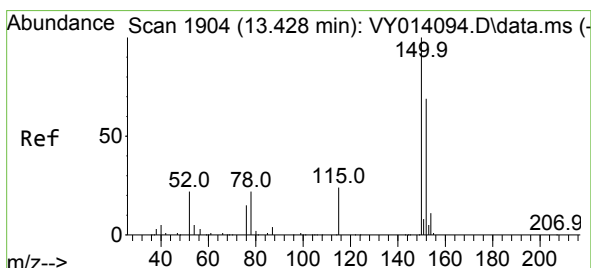
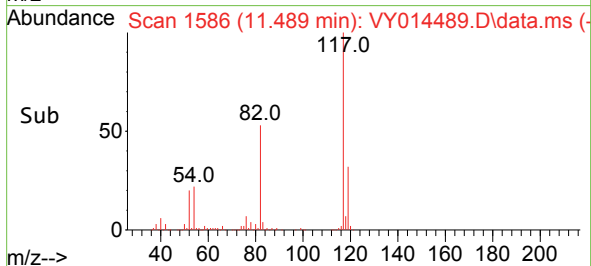
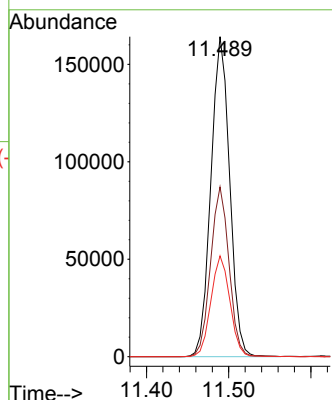
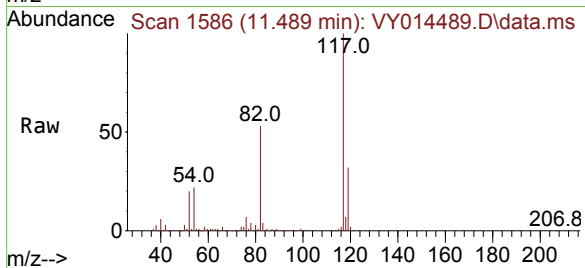
Tgt Ion:117 Resp: 260240

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 31.5 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: VY014489.D

Acq: 29 Jun 2023 10:34

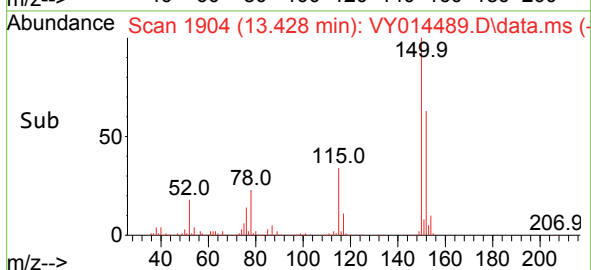
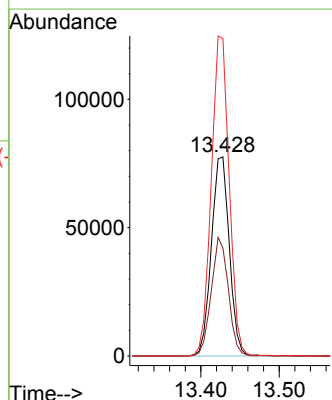
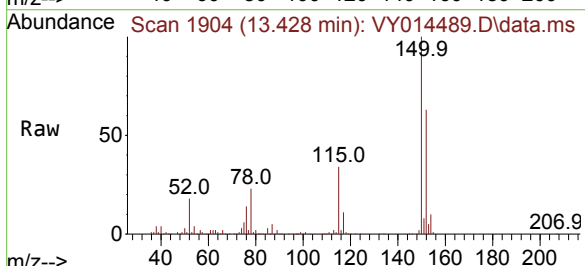
Tgt Ion:152 Resp: 123399

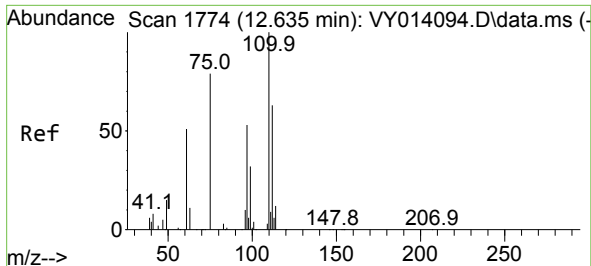
Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 160.0 0.0 348.8

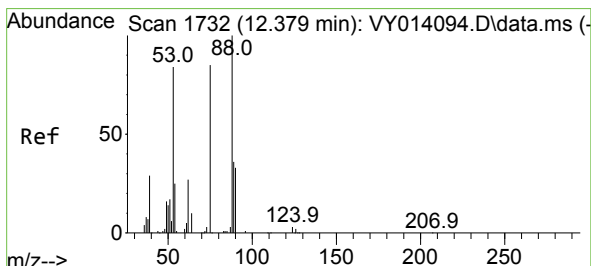
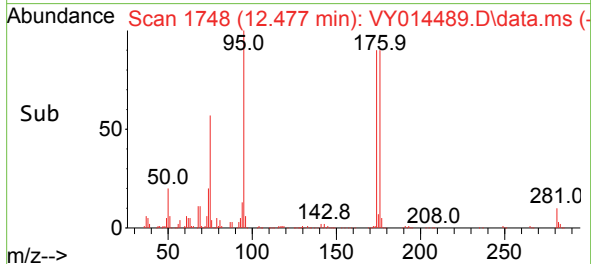
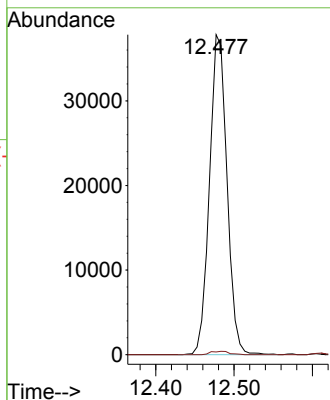
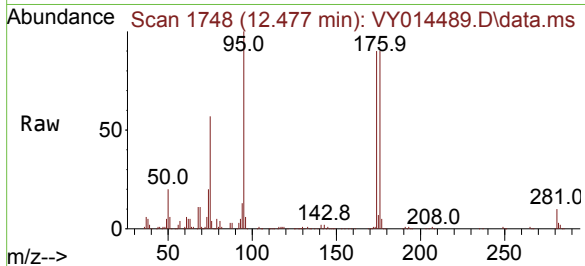




#76
1,2,3-Trichloropropane
Concen: 37.868 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014489.D
Acq: 29 Jun 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

Tgt Ion: 75 Resp: 58617
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.212 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014489.D
Acq: 29 Jun 2023 10:34

Tgt Ion: 75 Resp: 58617
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

