

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014550.D
 Acq On : 03 Jul 2023 21:05
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 04 03:07:20 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)

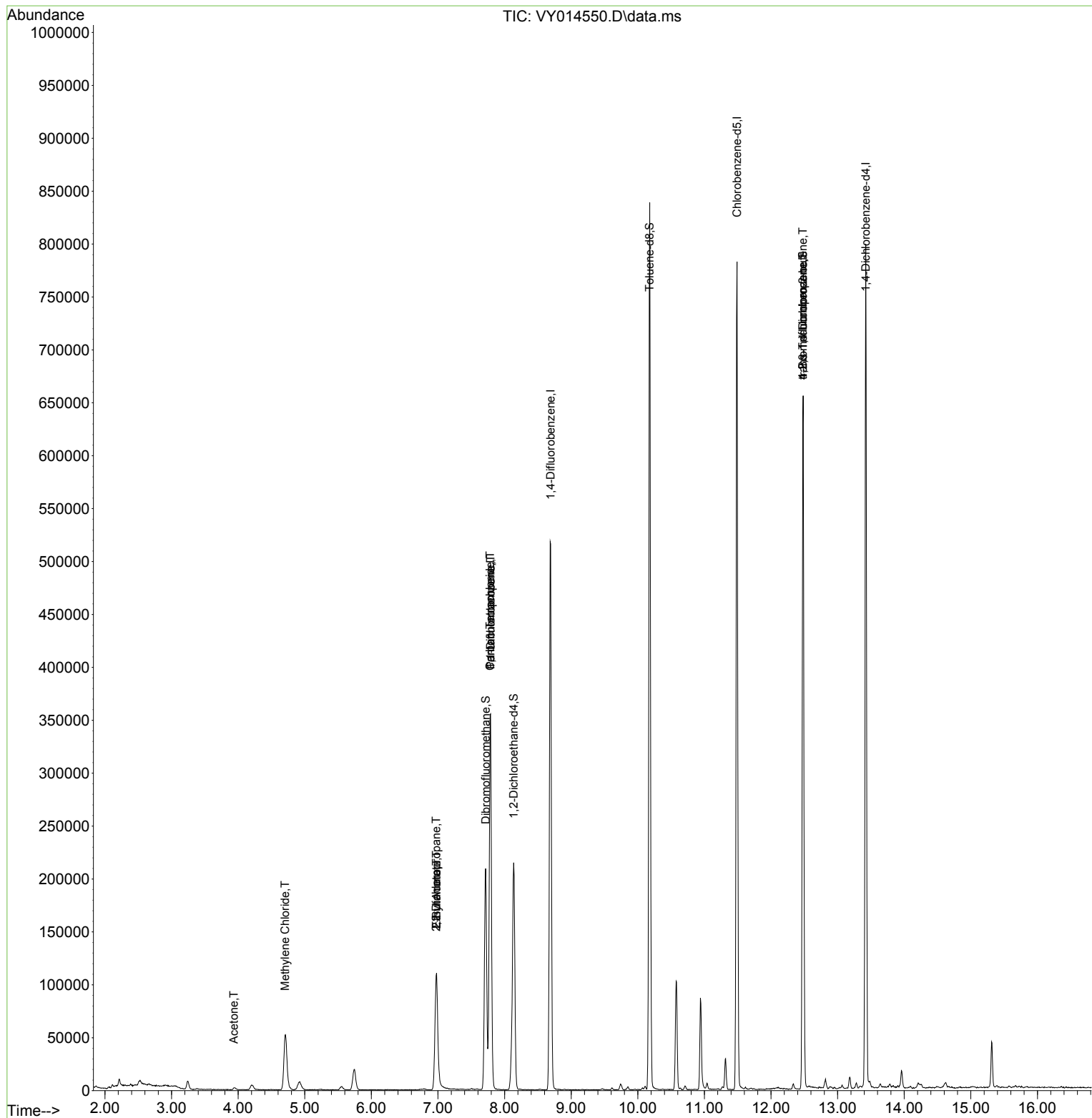
Internal Standards						
1) Pentafluorobenzene	7.789	168	310038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	481197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	460018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	222153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	159481	51.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.420%	
35) Dibromofluoromethane	7.716	113	151670	51.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.360%	
50) Toluene-d8	10.179	98	569319	48.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.200%	
62) 4-Bromofluorobenzene	12.477	95	189350	46.551	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.100%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	363	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	8110	Below Cal	#	89
16) Acetone	3.936	43	1286	1.335	ug/l #	73
20) Methylene Chloride	4.704	84	44359	8.453	ug/l #	85
25) 2-Butanone	6.978	43	4962	3.479	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	8673	1.795	ug/l #	54
36) 1,1-Dichloropropene	7.789	75	19284	4.250	ug/l #	49
37) Ethyl Acetate	6.978	43	4962	1.594	ug/l #	1
38) Carbon Tetrachloride	7.783	117	26567	5.608	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	87927	33.729	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	87927	65.650	ug/l #	11

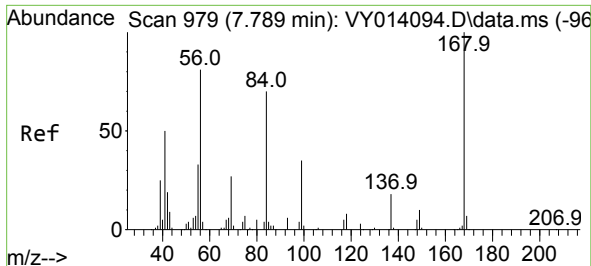
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
Data File : VY014550.D
Acq On : 03 Jul 2023 21:05
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Jul 04 03:07:20 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

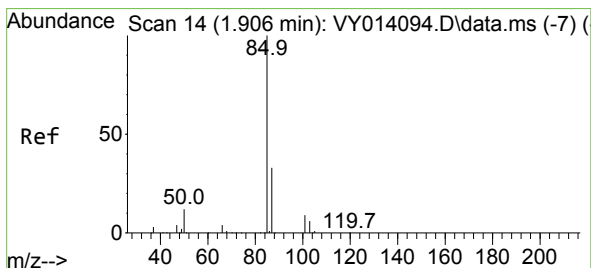
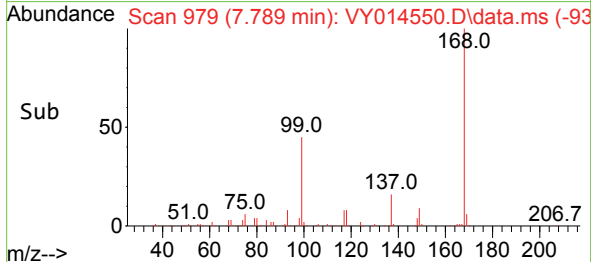
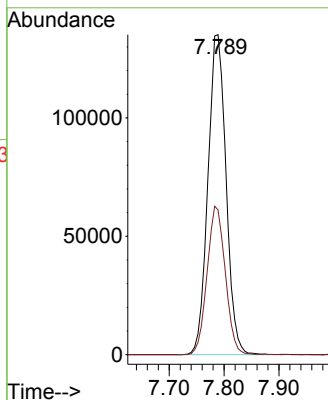
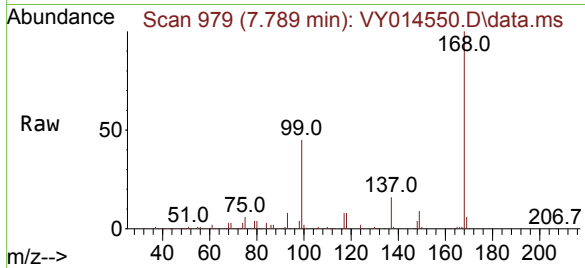




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

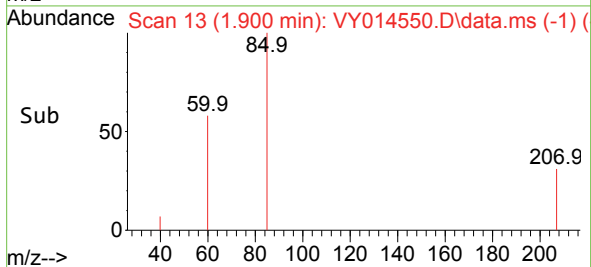
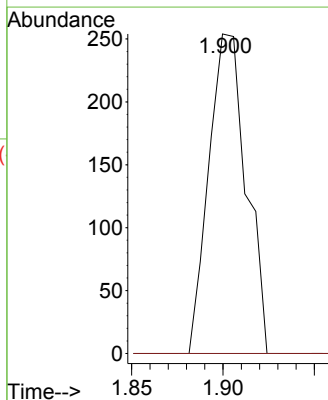
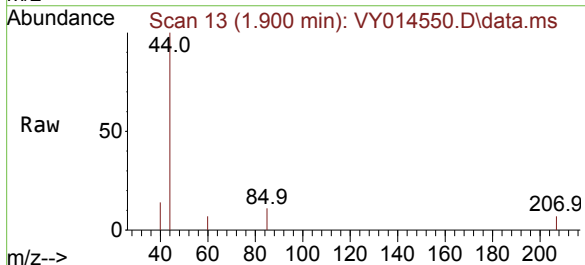
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

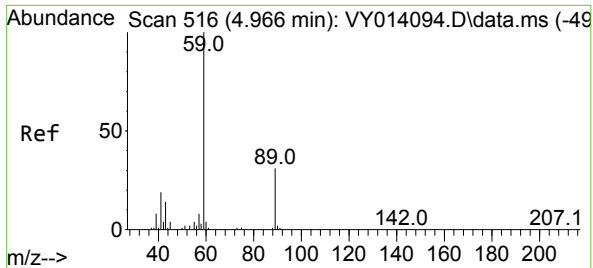
Tgt Ion:168 Resp: 310038
Ion Ratio Lower Upper
168 100
99 45.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

Tgt Ion: 85 Resp: 363
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

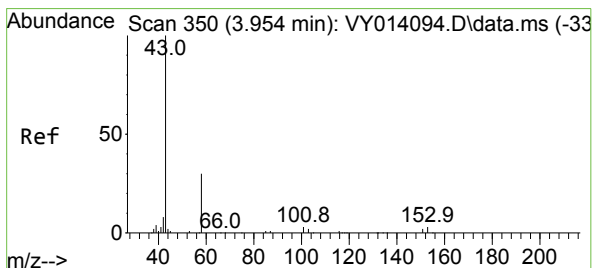
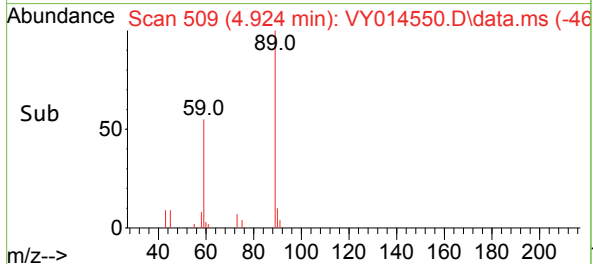
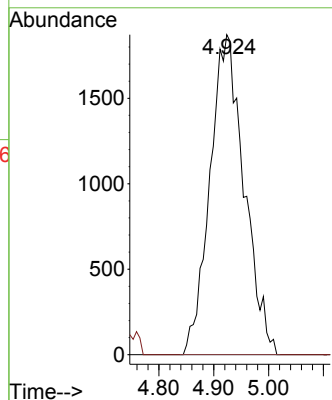
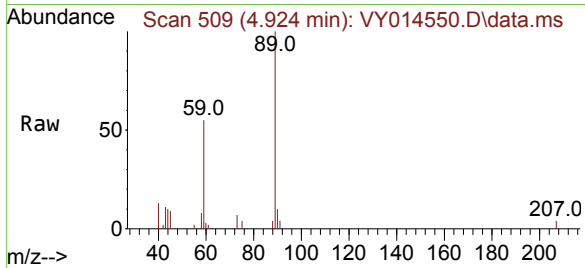




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.042 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

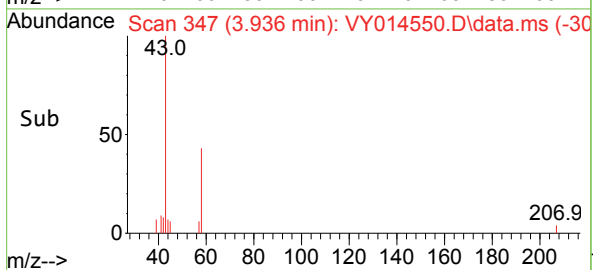
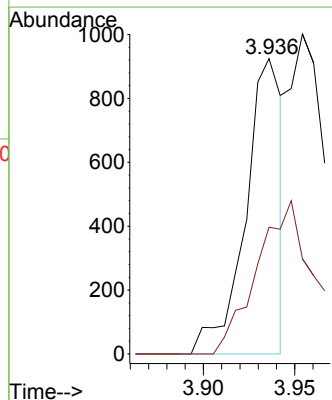
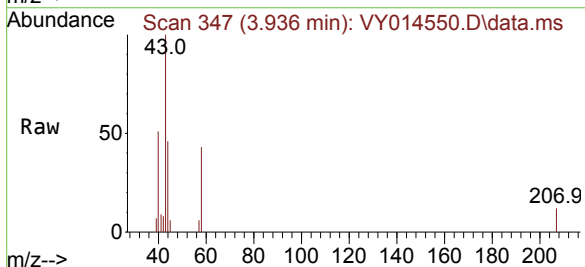
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

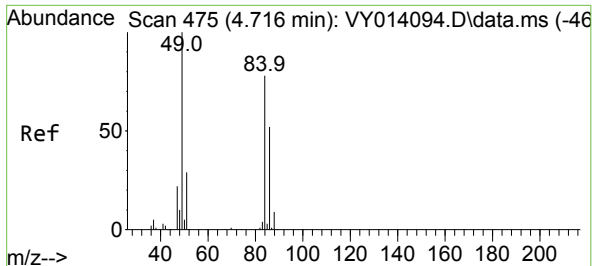
Tgt Ion: 59 Resp: 8110
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 1.335 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

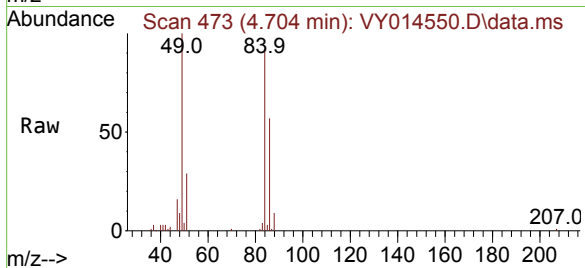
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 42.9 22.7 34.1#



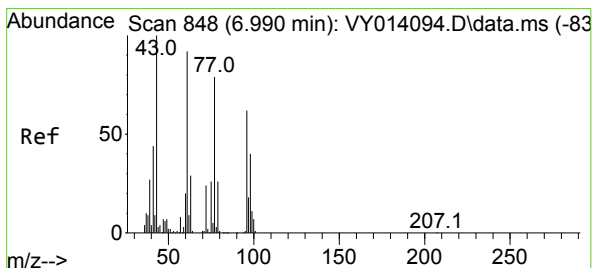
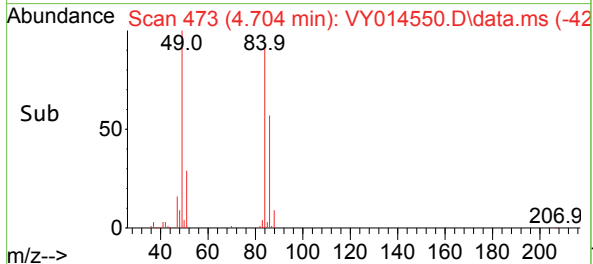
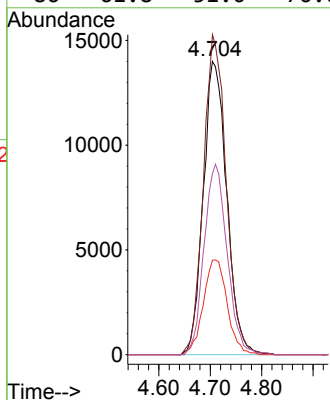


#20
Methylene Chloride
Concen: 8.453 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

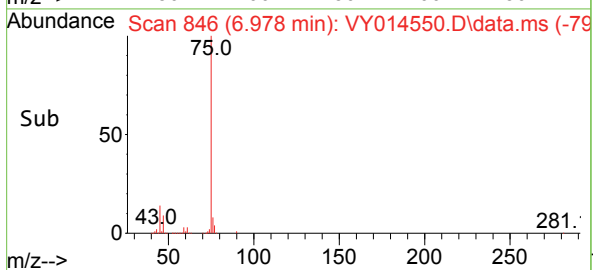
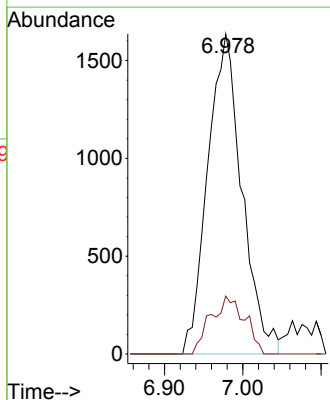
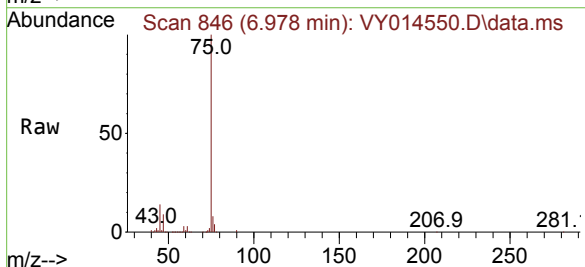


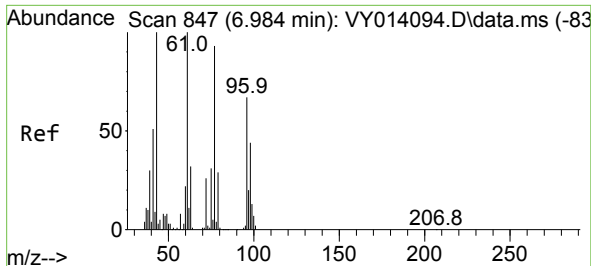
Tgt Ion:	84	Resp:	44359
Ion	Ratio	Lower	Upper
84	100		
49	109.1	106.9	160.3
51	32.2	33.2	49.8#
86	61.8	51.0	76.6



#25
2-Butanone
Concen: 3.479 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

Tgt Ion:	43	Resp:	4962
Ion	Ratio	Lower	Upper
43	100		
72	18.1	20.5	30.7#

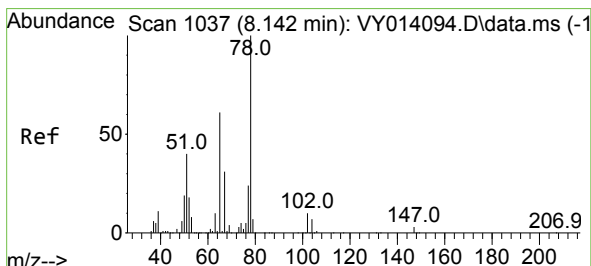
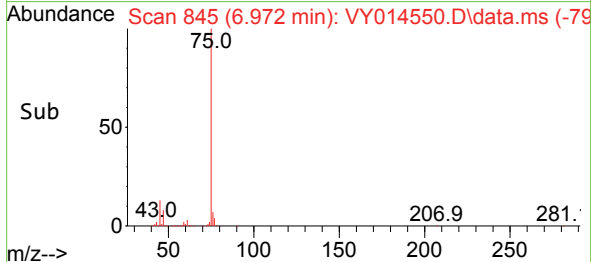
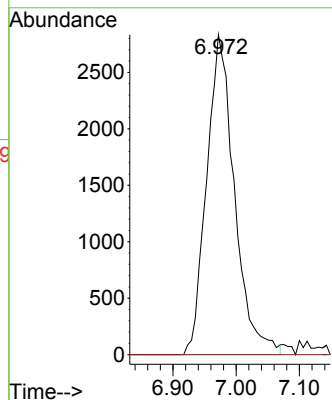
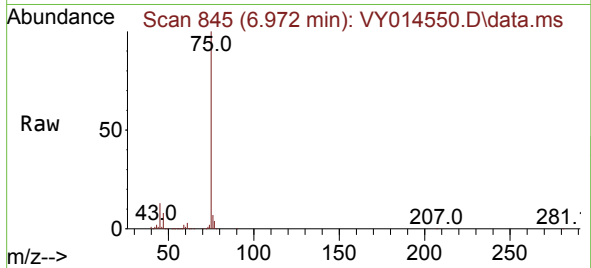




#26
2,2-Dichloropropane
Concen: 1.795 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

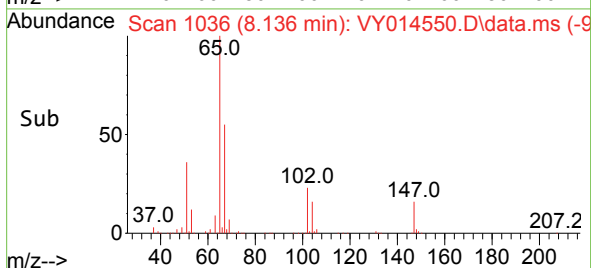
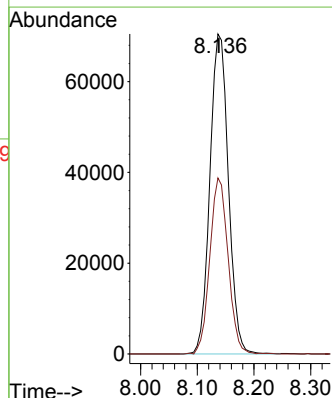
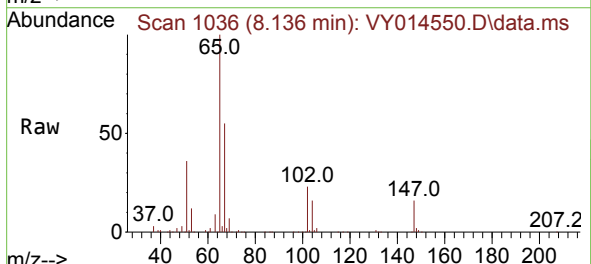
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 77 Resp: 8673
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#33
1,2-Dichloroethane-d4
Concen: 51.709 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

Tgt Ion: 65 Resp: 159481
Ion Ratio Lower Upper
65 100
67 54.5 0.0 101.8

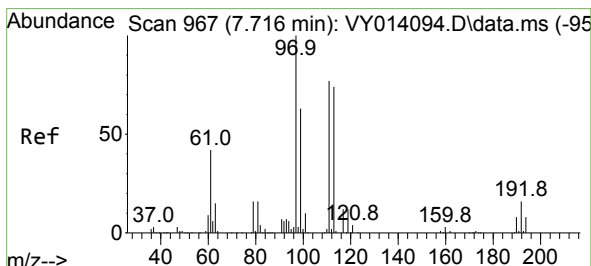
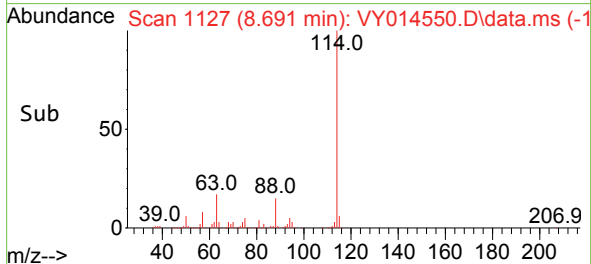
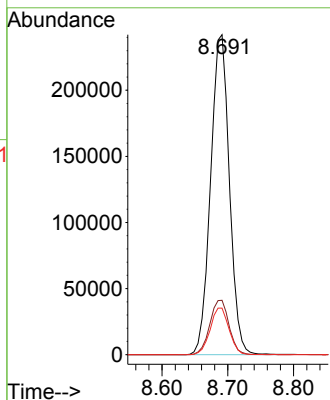
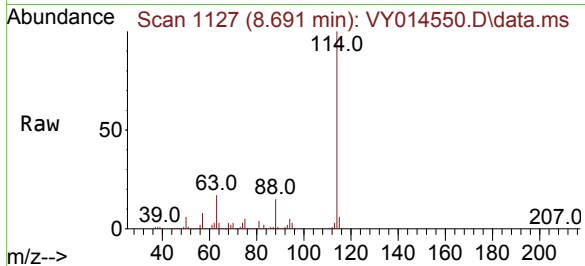




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

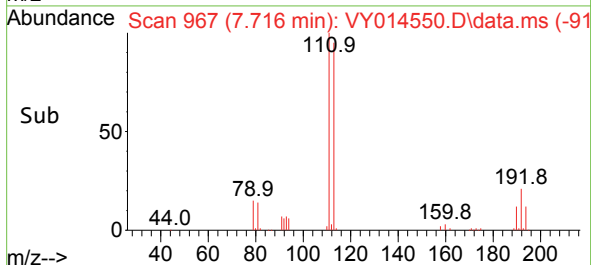
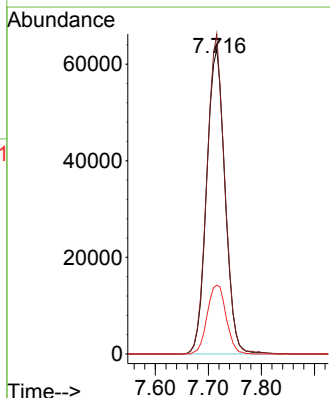
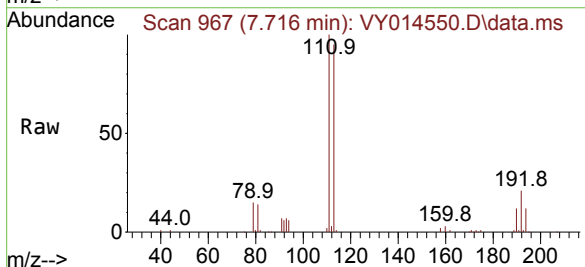
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

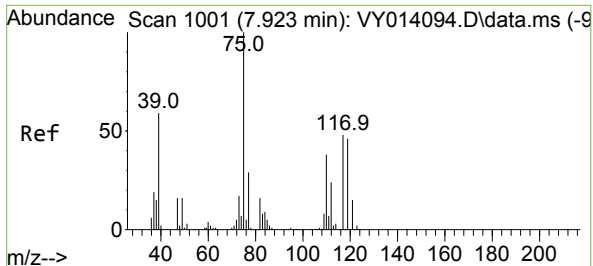
Tgt Ion:	114	Resp:	481197
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	42.4
88	14.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 51.184 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

Tgt Ion:	113	Resp:	151670
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.3	121.9
192	23.3	16.9	25.3

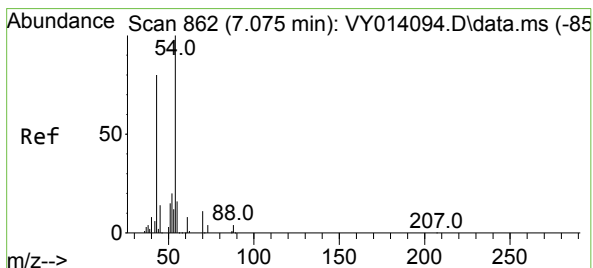
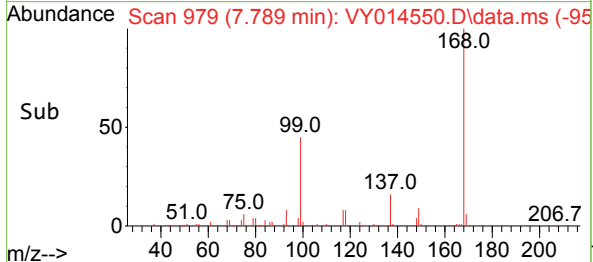
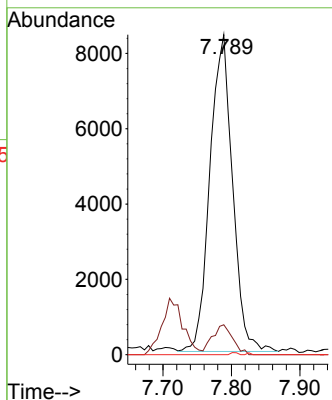
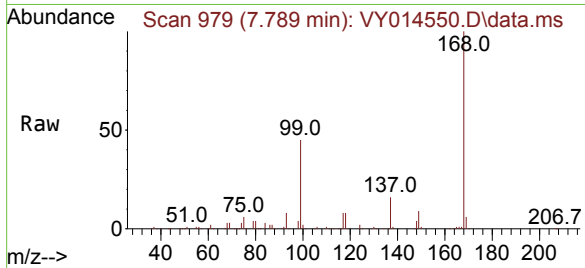




#36
 1,1-Dichloropropene
 Concen: 4.250 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY014550.D
 Acq: 03 Jul 2023 21:05

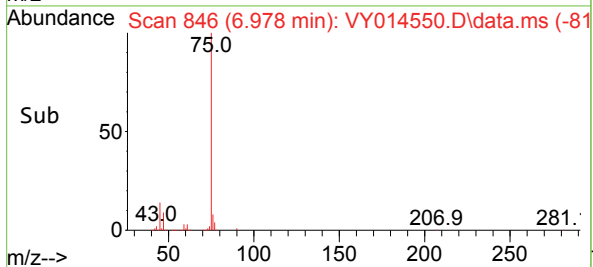
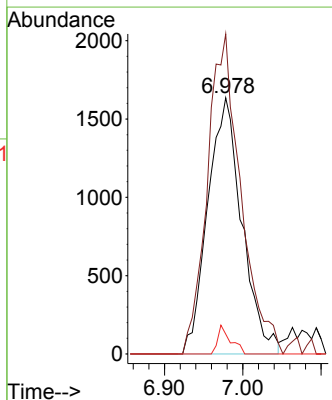
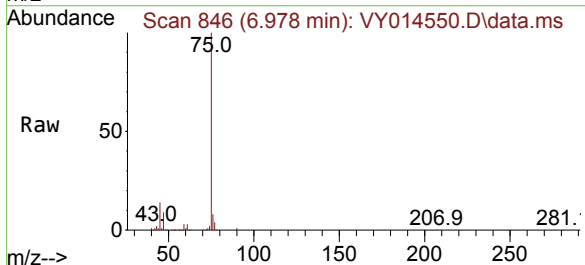
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

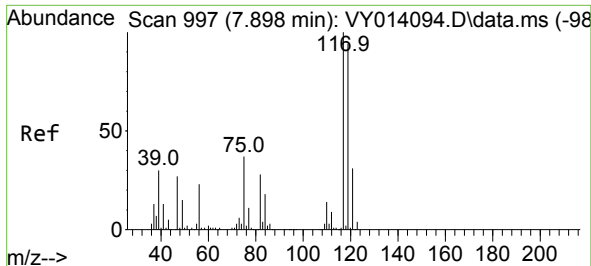
Tgt Ion: 75 Resp: 19284
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.8 53.5#
 77 0.2 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 1.594 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.097 min
 Lab File: VY014550.D
 Acq: 03 Jul 2023 21:05

Tgt Ion: 43 Resp: 4962
 Ion Ratio Lower Upper
 43 100
 61 122.0 10.1 15.1#
 70 4.2 7.1 10.7#

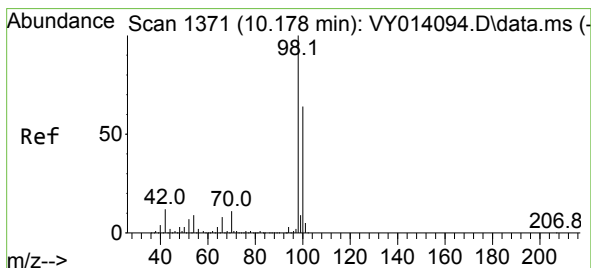
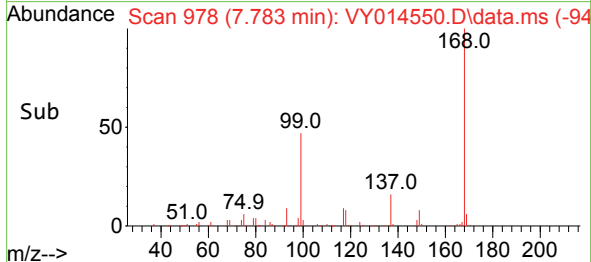
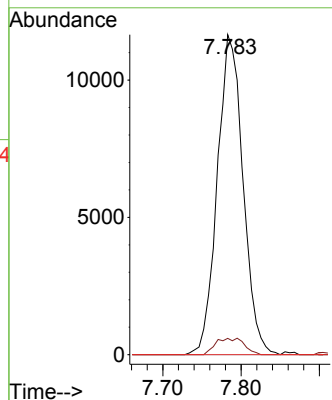
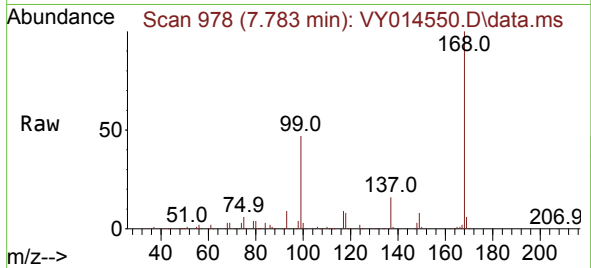




#38
Carbon Tetrachloride
Concen: 5.608 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

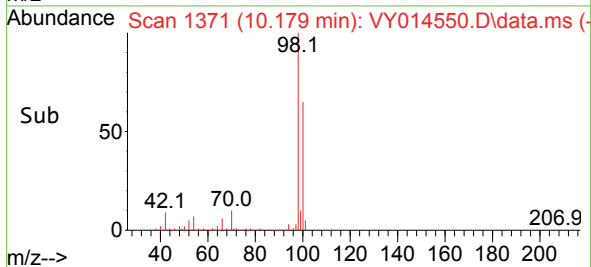
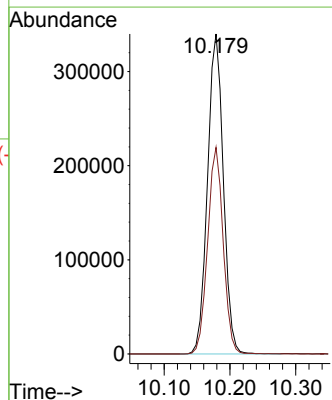
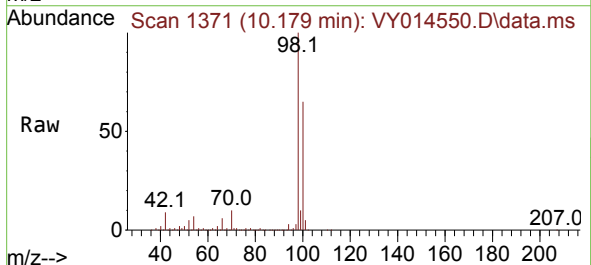
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

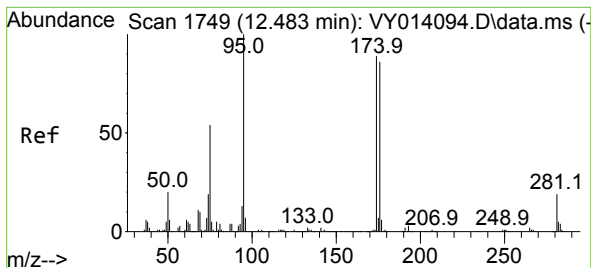
Tgt Ion:117 Resp: 26567
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.601 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

Tgt Ion: 98 Resp: 569319
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1

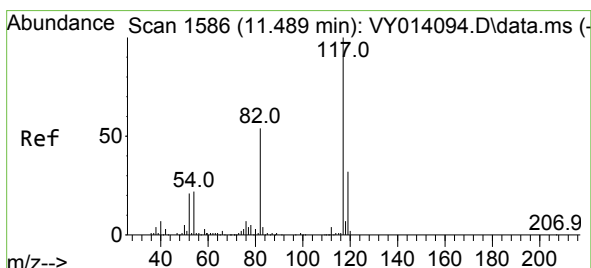
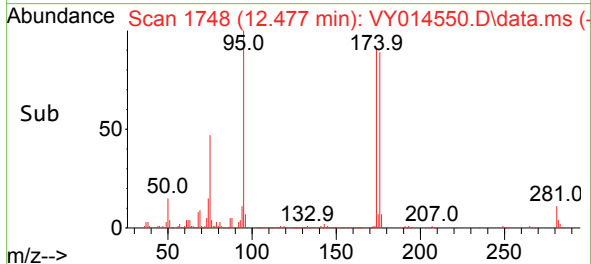
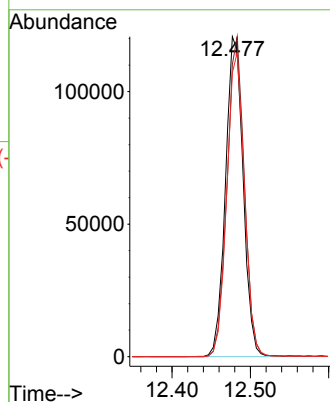
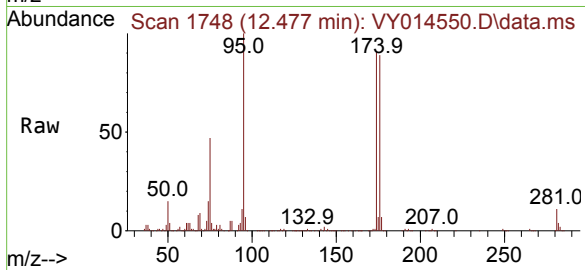




#62
4-Bromofluorobenzene
Concen: 46.551 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

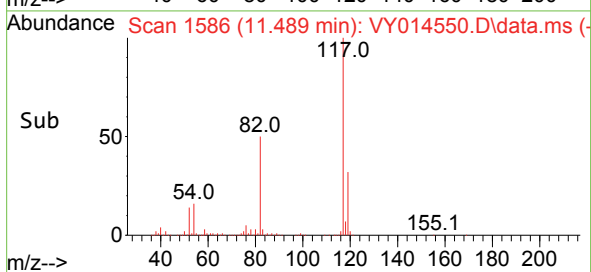
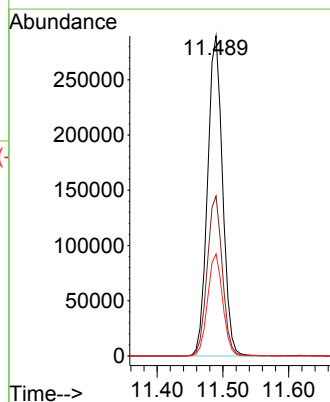
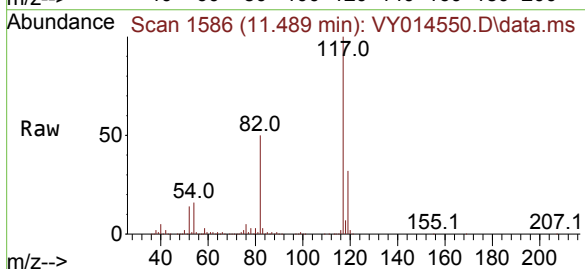
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

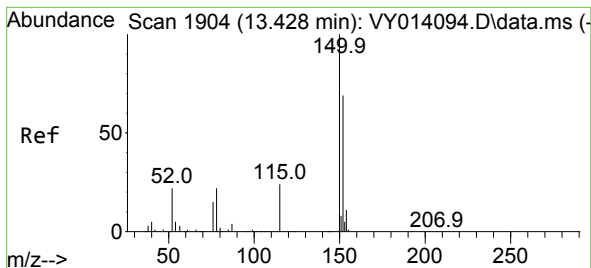
Tgt Ion: 95 Resp: 189350
Ion Ratio Lower Upper
95 100
174 97.9 0.0 178.2
176 94.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014550.D
Acq: 03 Jul 2023 21:05

Tgt Ion: 117 Resp: 460018
Ion Ratio Lower Upper
117 100
82 50.0 43.4 65.0
119 31.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY014550.D

Acq: 03 Jul 2023 21:05

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

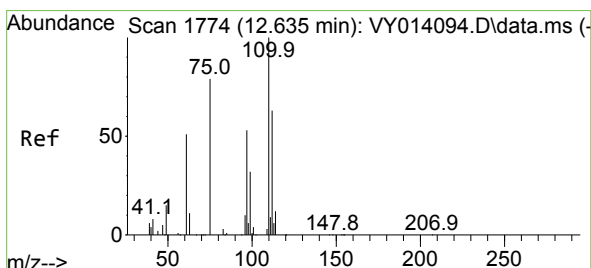
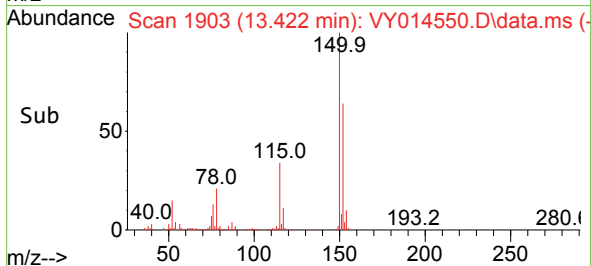
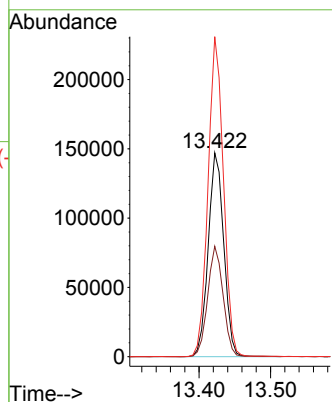
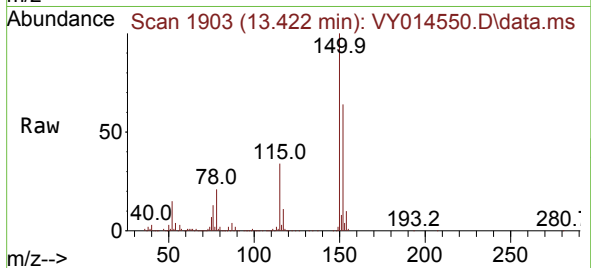
Tgt Ion:152 Resp: 222153

Ion Ratio Lower Upper

152 100

115 54.0 28.8 86.5

150 155.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 33.729 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014550.D

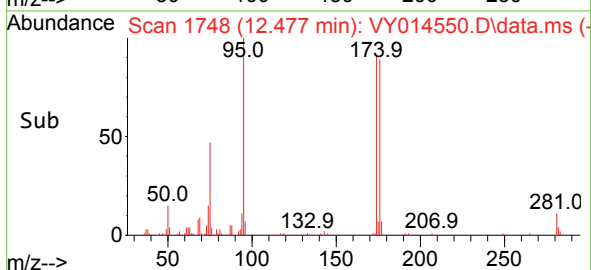
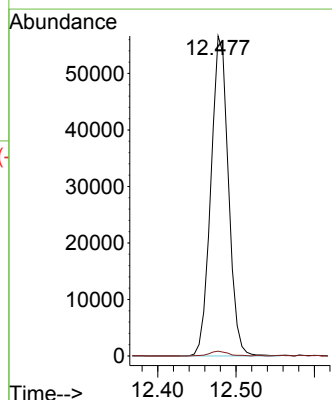
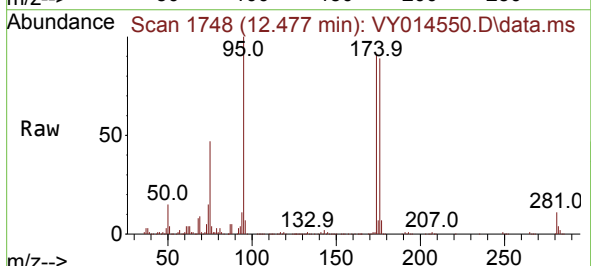
Acq: 03 Jul 2023 21:05

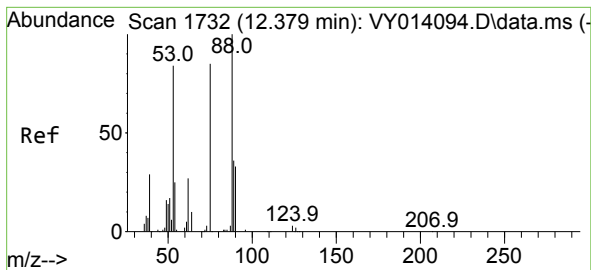
Tgt Ion: 75 Resp: 87927

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.650 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014550.D
 Acq: 03 Jul 2023 21:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 87927
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.8 116.8#
 89 0.0 37.4 56.0#

