

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014678.D
 Acq On : 17 Jul 2023 17:30
 Operator : SY/MD
 Sample : 03631-04
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04(2-4)

Quant Time: Jul 18 06:12:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

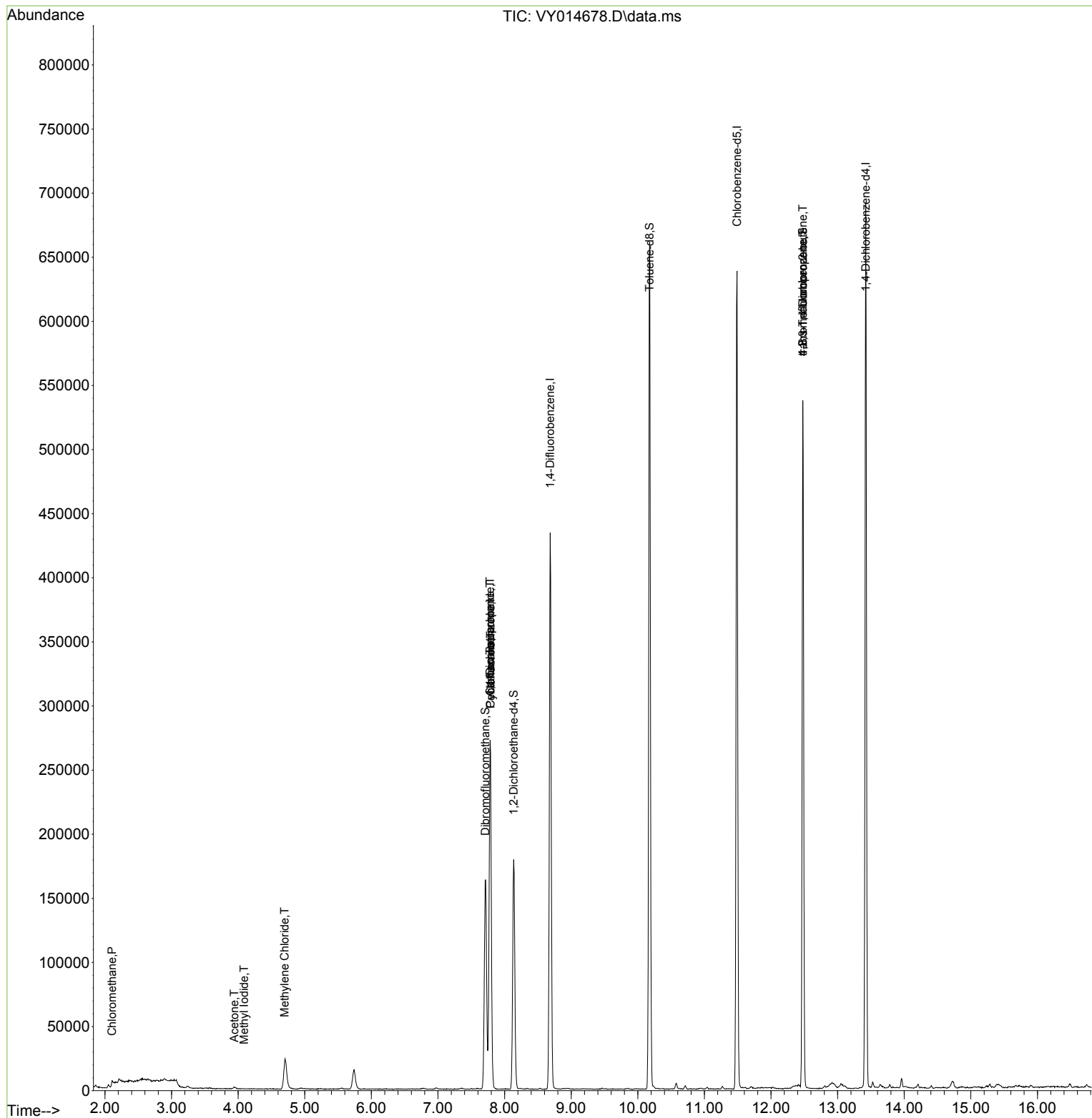
Internal Standards						
1) Pentafluorobenzene	7.789	168	211735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140201	58.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.220%	
35) Dibromofluoromethane	7.710	113	118095	50.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.340%	
50) Toluene-d8	10.179	98	441186	50.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.477	95	169373	50.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	2608	1.345	ug/l	94
10) Methyl Iodide	4.088	142	108	2.413	ug/l #	38
11) Tert butyl alcohol	4.930	59	448	Below Cal	#	94
16) Acetone	3.942	43	1932	2.527	ug/l #	80
20) Methylene Chloride	4.698	84	17317	3.003	ug/l #	87
31) Cyclohexane	7.789	56	4591	1.146	ug/l #	14
36) 1,1-Dichloropropene	7.783	75	15860	4.505	ug/l #	50
38) Carbon Tetrachloride	7.783	117	21496	5.777	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	87882	40.423	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	87882	78.267	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
Data File : VY014678.D
Acq On : 17 Jul 2023 17:30
Operator : SY/MD
Sample : 03631-04
Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-04(2-4)

Quant Time: Jul 18 06:12:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

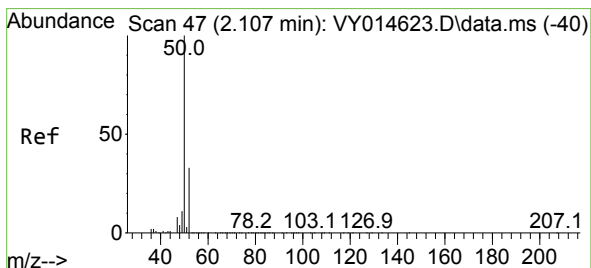
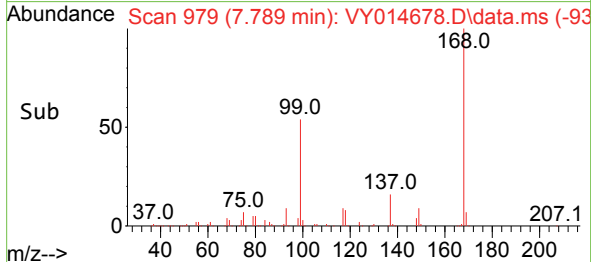
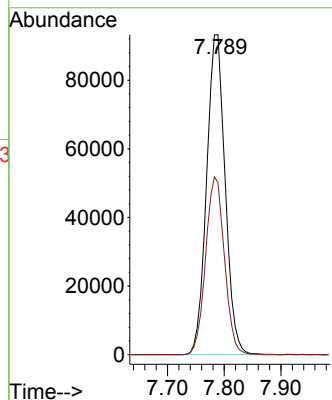
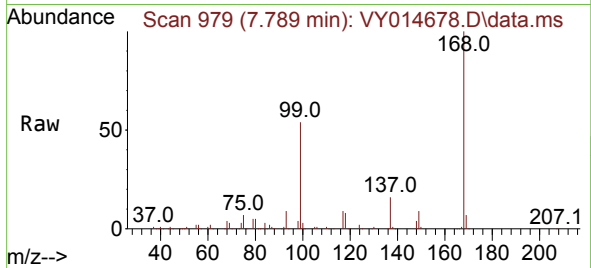




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

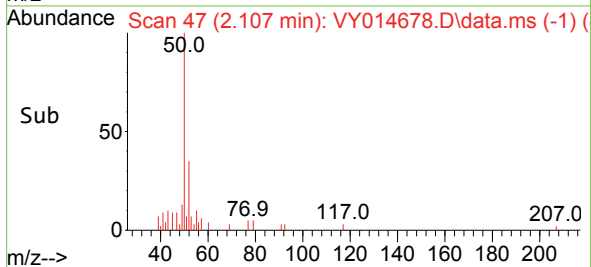
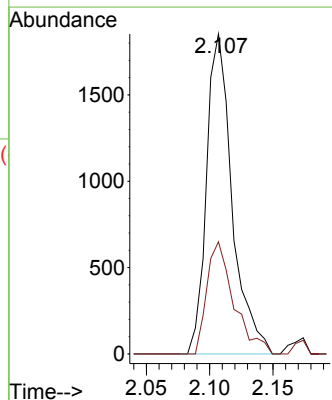
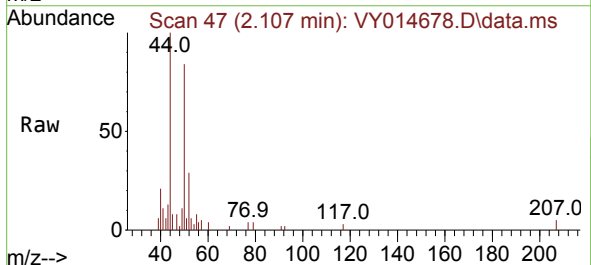
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(2-4)

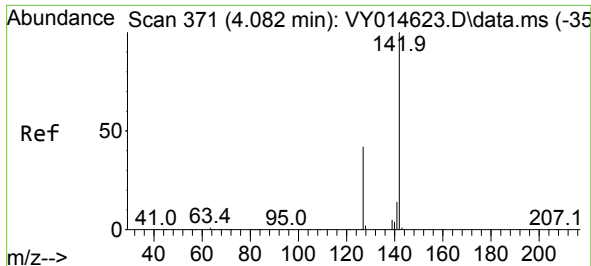
Tgt Ion:168 Resp: 211735
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#3
Chloromethane
Concen: 1.345 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

Tgt Ion: 50 Resp: 2608
Ion Ratio Lower Upper
50 100
52 35.0 25.4 38.2

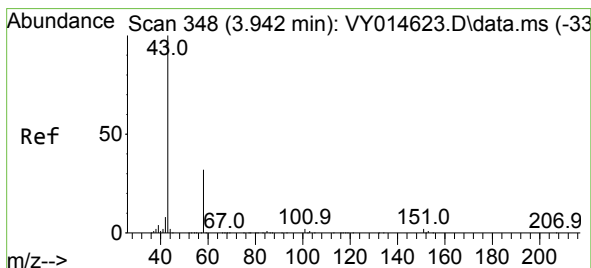
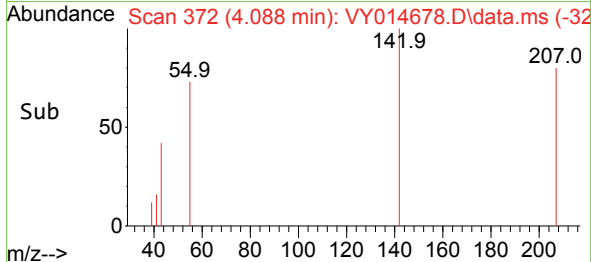
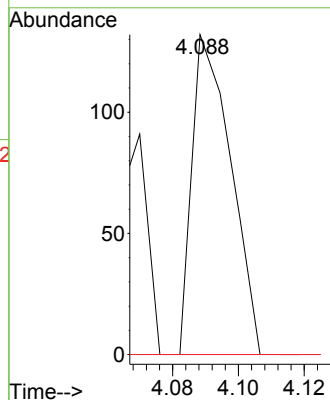
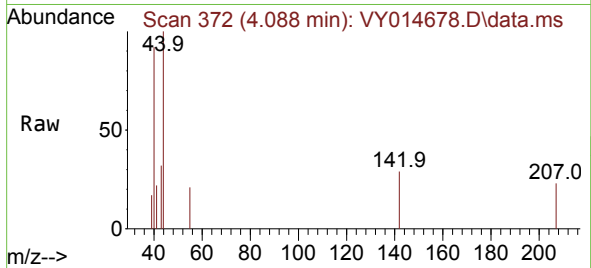




#10
Methyl Iodide
Concen: 2.413 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

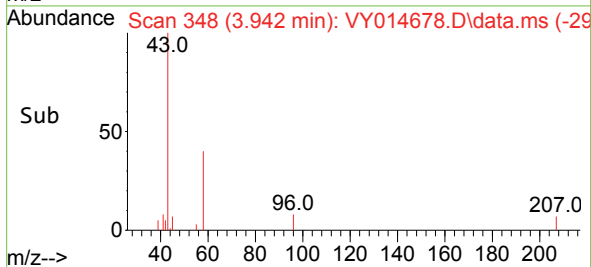
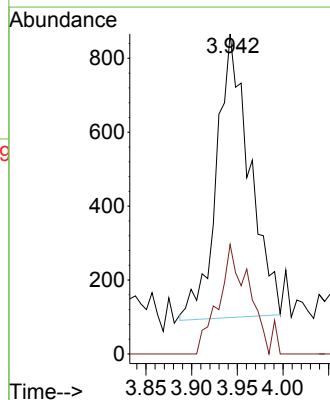
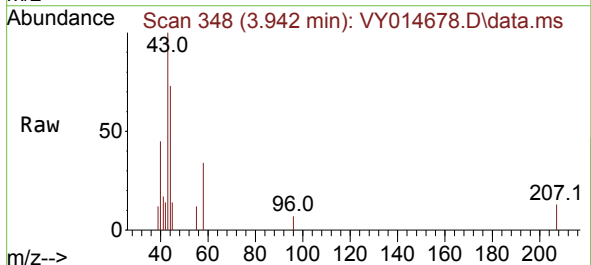
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(2-4)

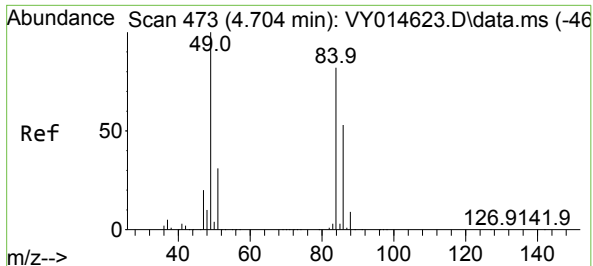
Tgt Ion:142 Resp: 108
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 2.527 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

Tgt Ion: 43 Resp: 1932
Ion Ratio Lower Upper
43 100
58 38.9 22.7 34.1#

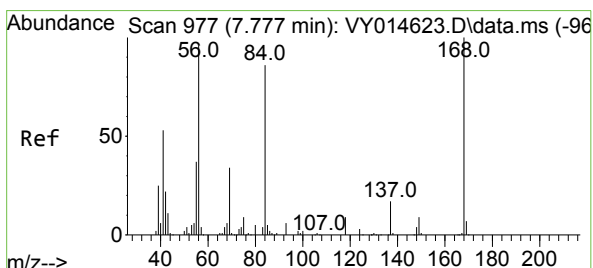
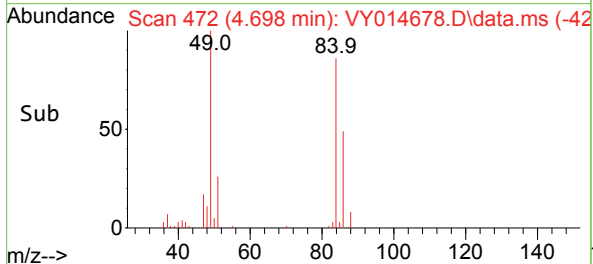
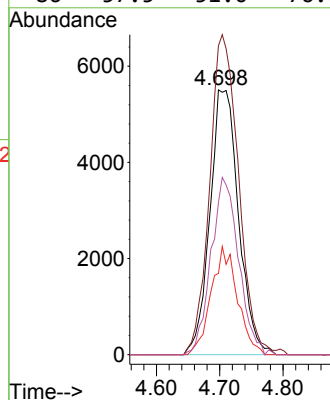
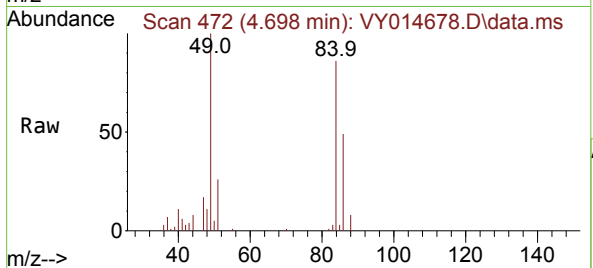




#20
Methylene Chloride
Concen: 3.003 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

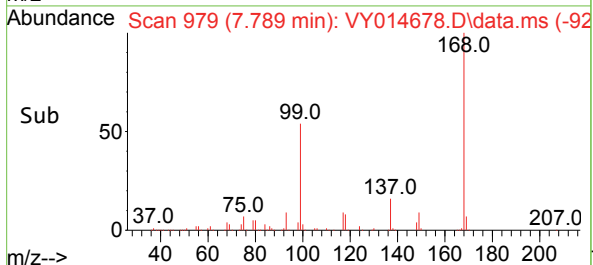
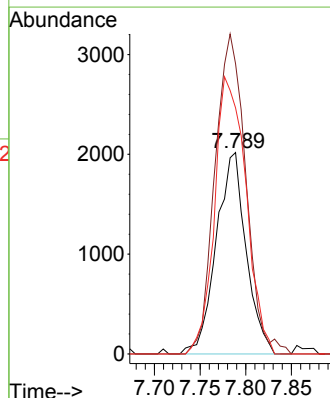
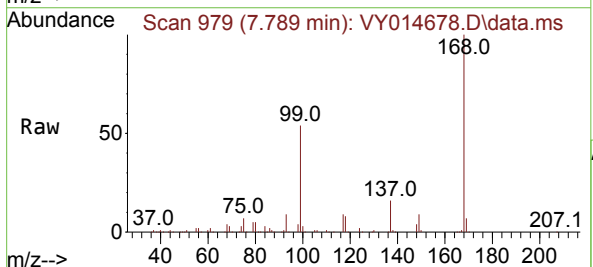
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(2-4)

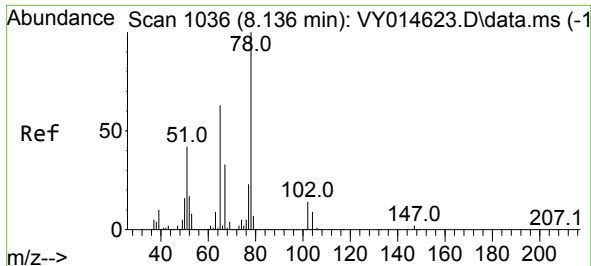
Tgt Ion:	84	Resp:	17317
Ion	Ratio	Lower	Upper
84	100		
49	116.7	106.9	160.3
51	30.7	33.2	49.8#
86	57.5	51.0	76.6



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

Tgt Ion:	56	Resp:	4591
Ion	Ratio	Lower	Upper
56	100		
69	144.0	27.8	41.6#
84	122.1	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.107 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014678.D

Acq: 17 Jul 2023 17:30

Instrument :

MSVOA_Y

ClientSampleId :

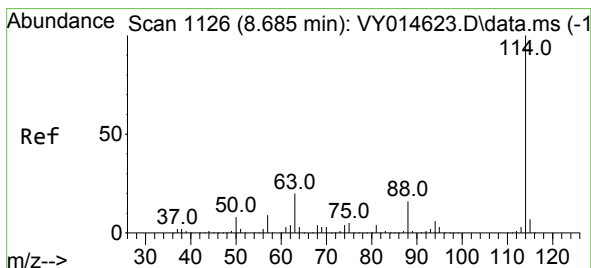
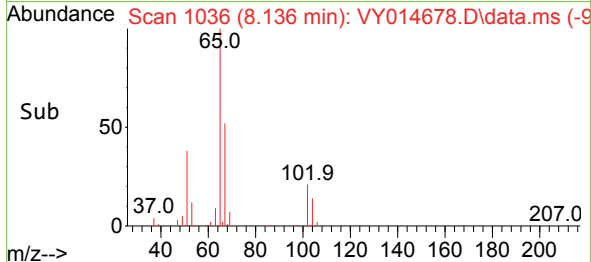
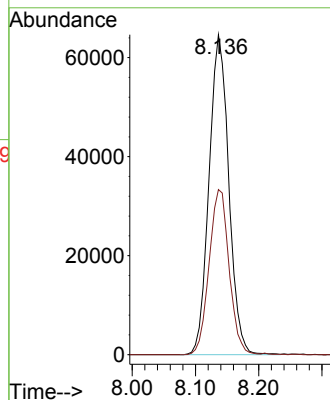
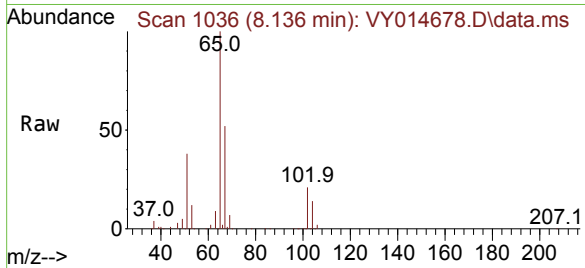
SB-04(2-4)

Tgt Ion: 65 Resp: 140201

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014678.D

Acq: 17 Jul 2023 17:30

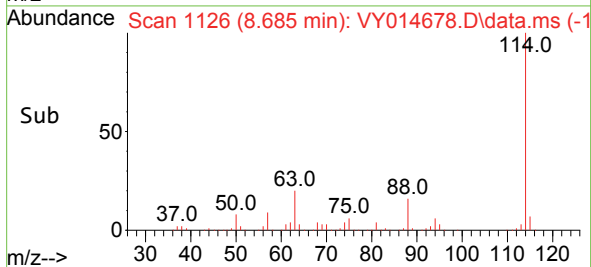
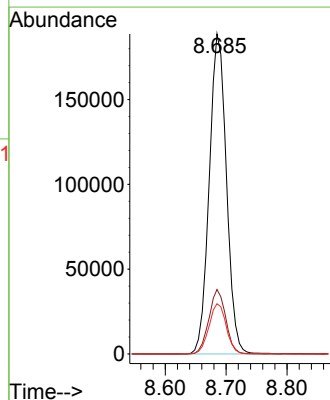
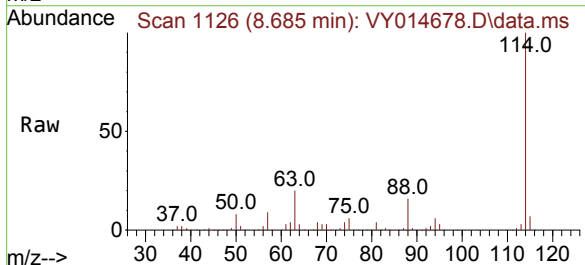
Tgt Ion: 114 Resp: 369783

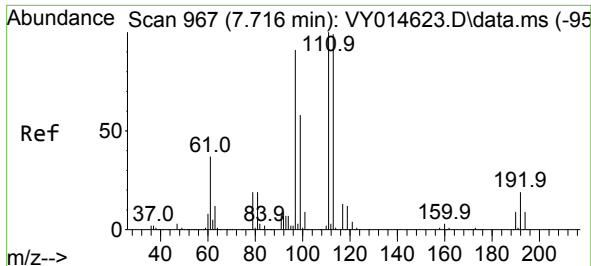
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.7 0.0 30.6

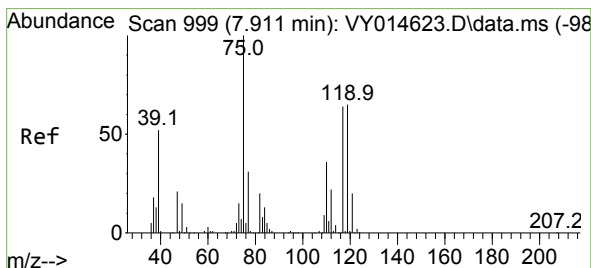
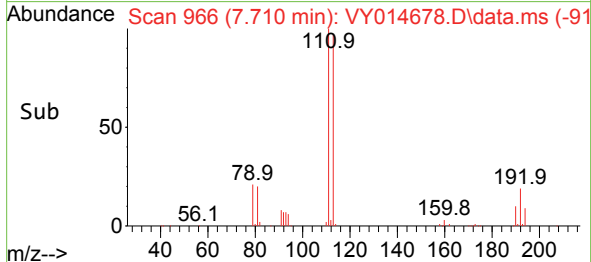
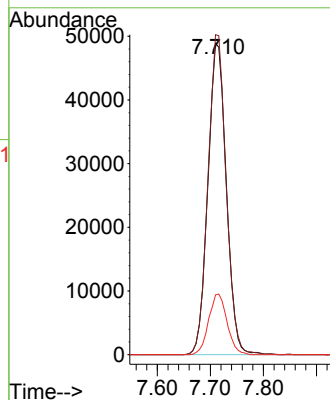
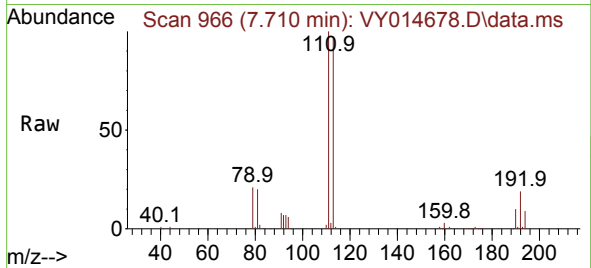




#35
Dibromofluoromethane
Concen: 50.169 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

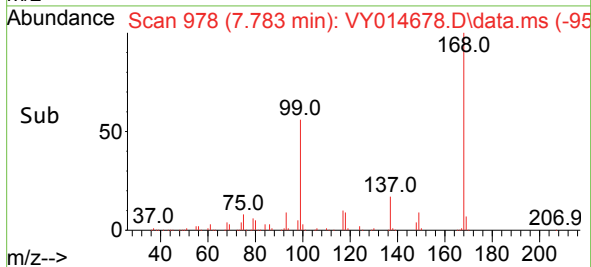
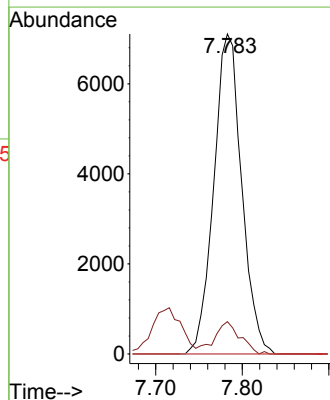
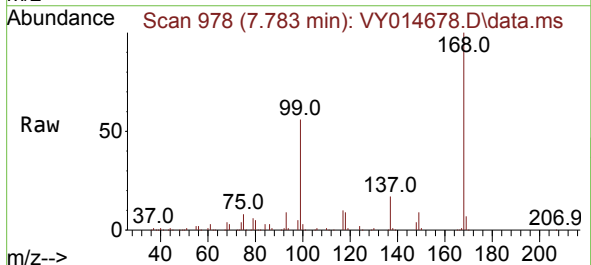
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(2-4)

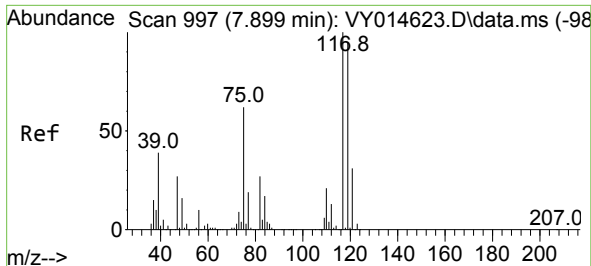
Tgt Ion:113 Resp: 118095
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.505 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

Tgt Ion: 75 Resp: 15860
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#

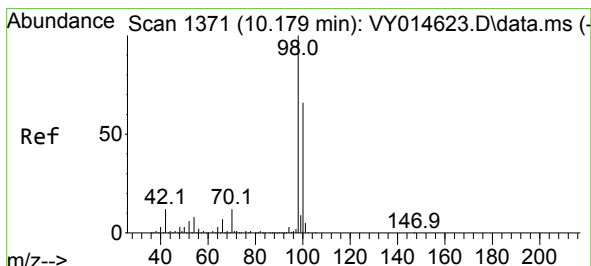
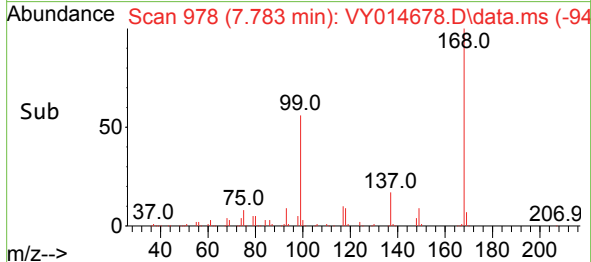
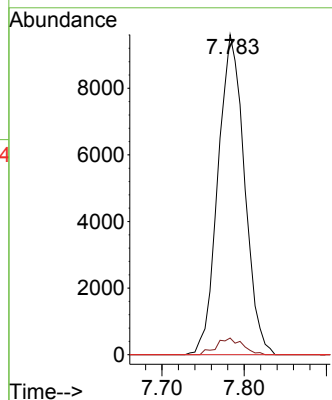
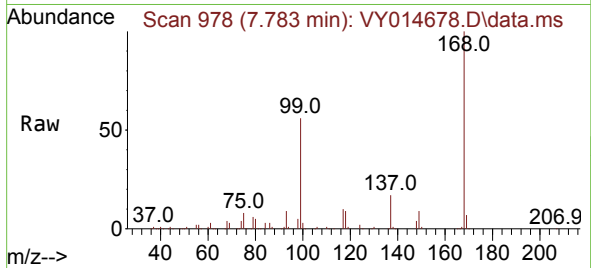




#38
Carbon Tetrachloride
Concen: 5.777 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

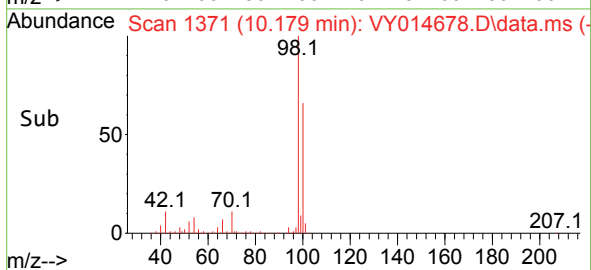
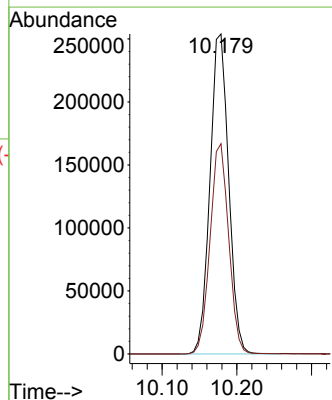
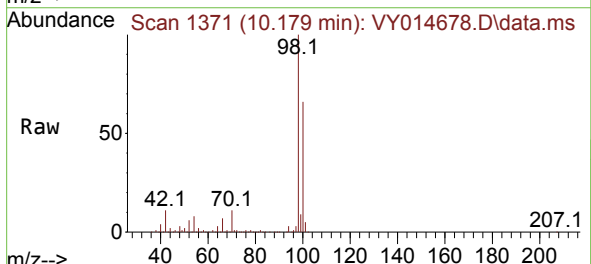
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(2-4)

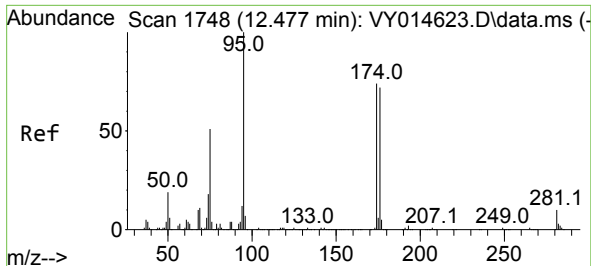
Tgt Ion:117 Resp: 21496
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.837 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

Tgt Ion: 98 Resp: 441186
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

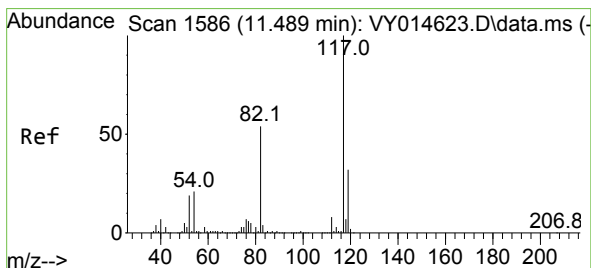
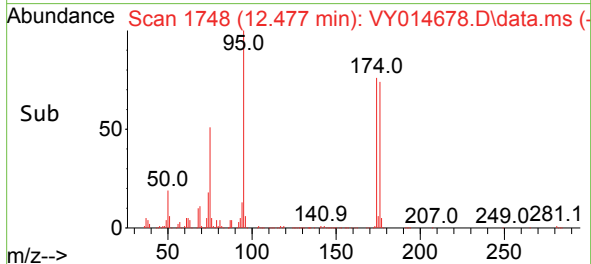
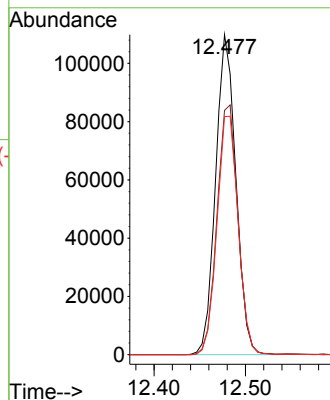
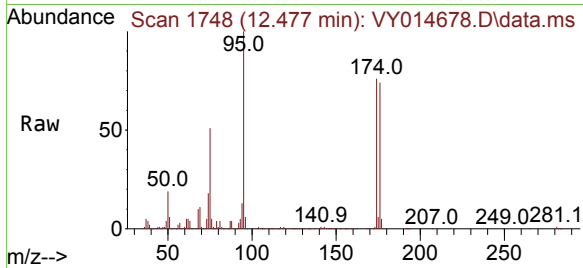




#62
4-Bromofluorobenzene
Concen: 50.898 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

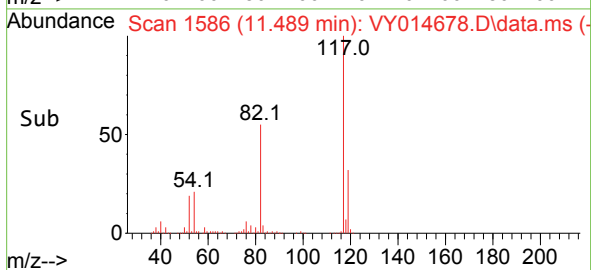
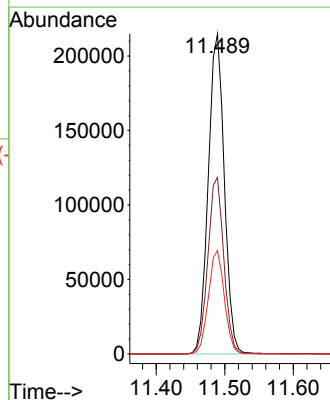
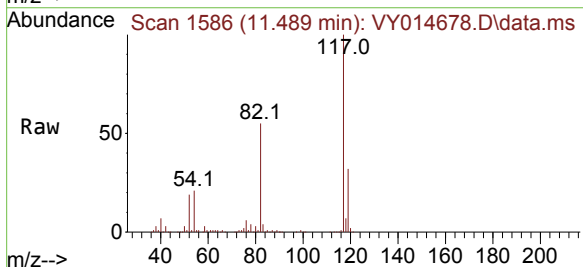
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(2-4)

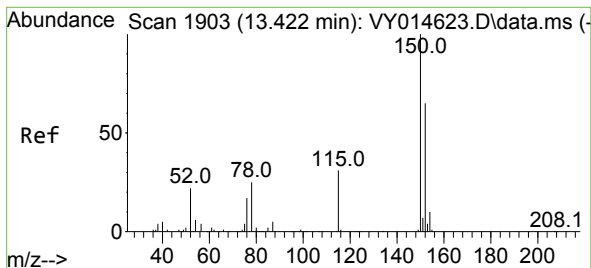
Tgt Ion: 95 Resp: 169373
Ion Ratio Lower Upper
95 100
174 80.4 0.0 178.2
176 77.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

Tgt Ion: 117 Resp: 350135
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.3 26.3 39.5

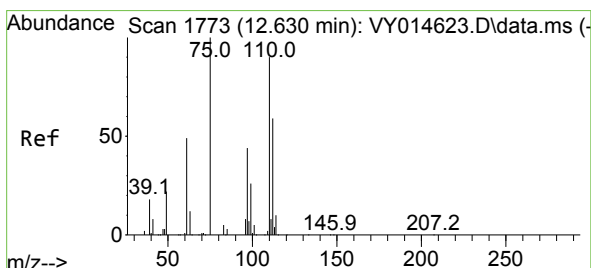
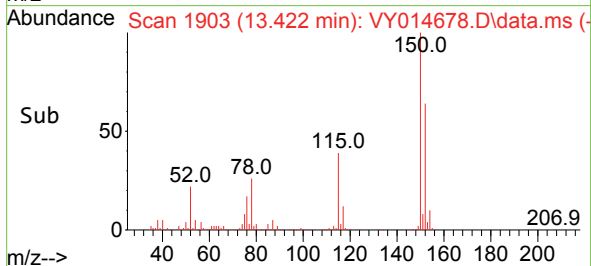
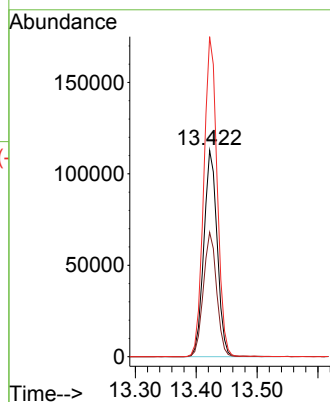
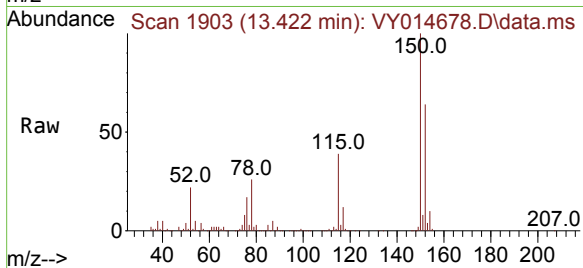




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY014678.D
 Acq: 17 Jul 2023 17:30

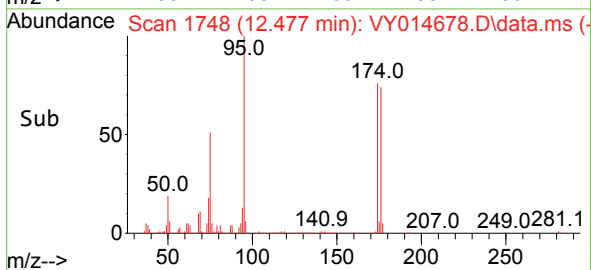
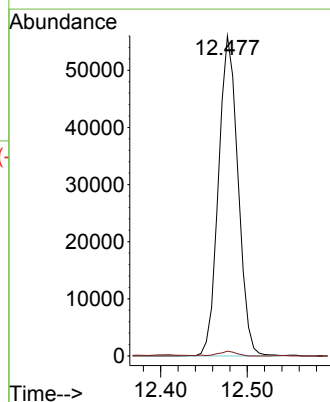
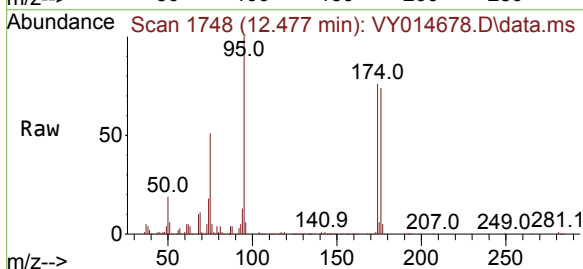
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04(2-4)

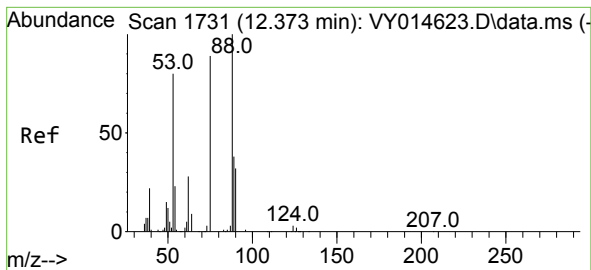
Tgt Ion:152 Resp: 172137
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.8 86.5
 150 155.7 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 40.423 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY014678.D
 Acq: 17 Jul 2023 17:30

Tgt Ion: 75 Resp: 87882
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.267 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014678.D
 Acq: 17 Jul 2023 17:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04(2-4)

Tgt Ion: 75 Resp: 87882
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

