

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014680.D
 Acq On : 17 Jul 2023 18:18
 Operator : SY/MD
 Sample : 03631-06
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09(3-5)

Quant Time: Jul 18 06:12:56 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)

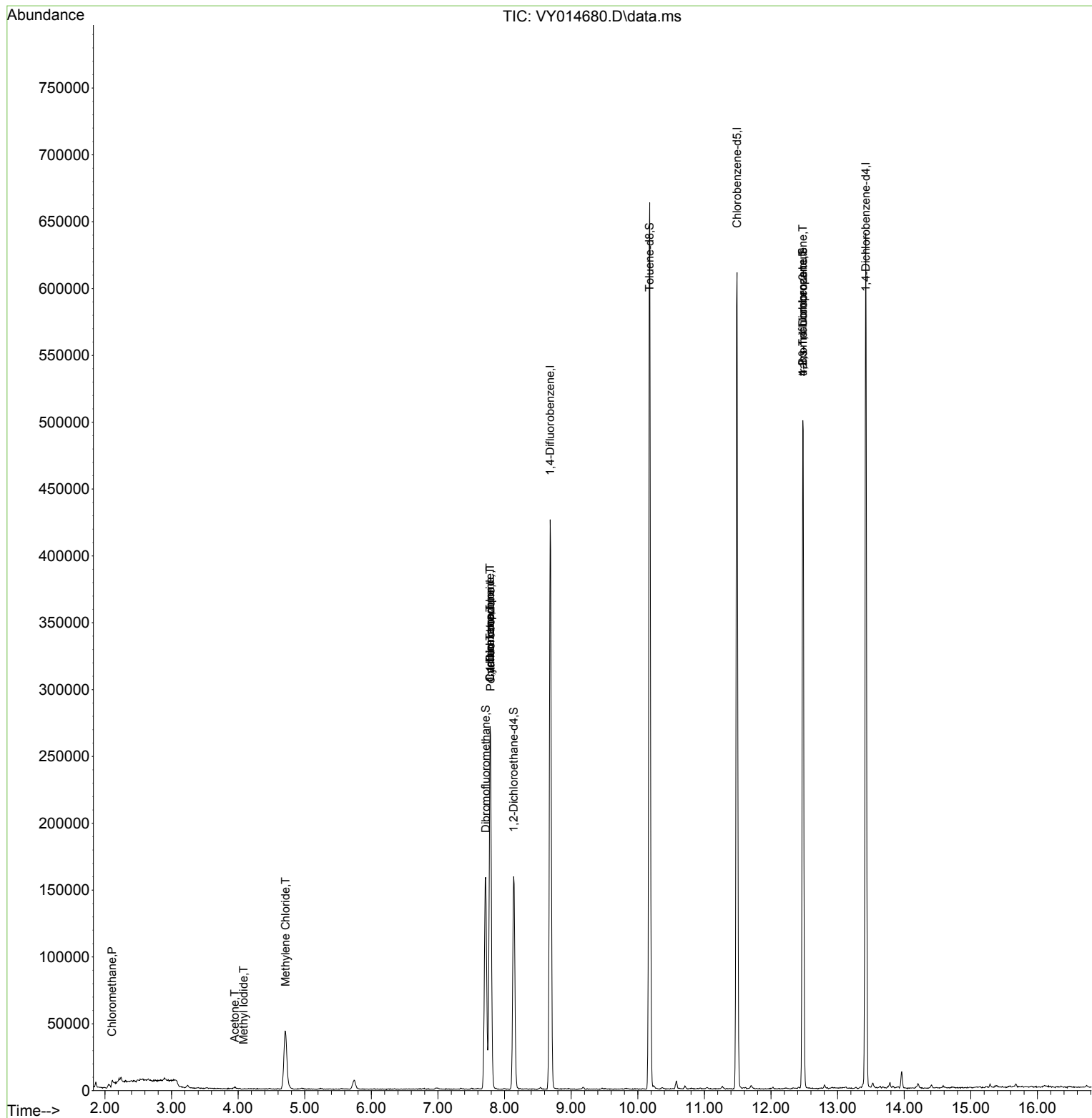
Internal Standards						
1) Pentafluorobenzene	7.789	168	210931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	339192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	127046	52.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.720%	
35) Dibromofluoromethane	7.716	113	114289	48.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.800%	
50) Toluene-d8	10.179	98	436971	50.710	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	12.477	95	161990	49.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	2498	1.293	ug/l	98
10) Methyl Iodide	4.082	142	22	2.378	ug/l #	38
11) Tert butyl alcohol	4.960	59	936	Below Cal	#	93
16) Acetone	3.948	43	1875	2.462	ug/l	91
20) Methylene Chloride	4.710	84	34134	10.455	ug/l	85
31) Cyclohexane	7.783	56	4607	1.155	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16475	4.713	ug/l #	50
38) Carbon Tetrachloride	7.783	117	20868	5.648	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	83387	41.089	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	83387	79.556	ug/l #	10

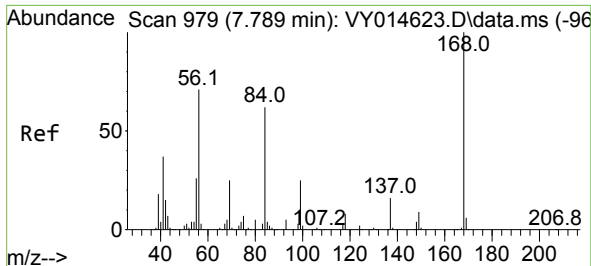
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 18 06:12:56 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

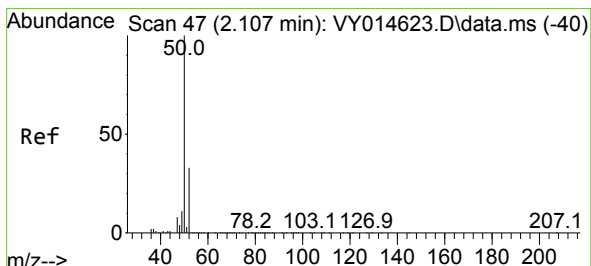
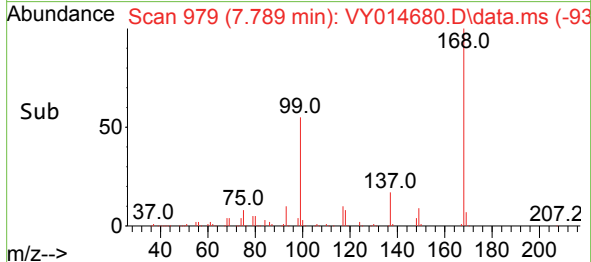
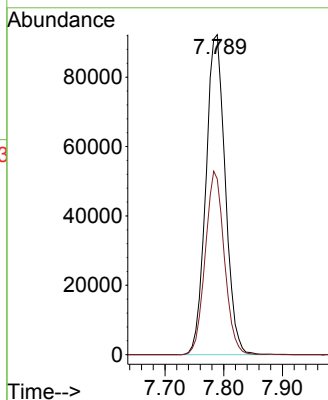
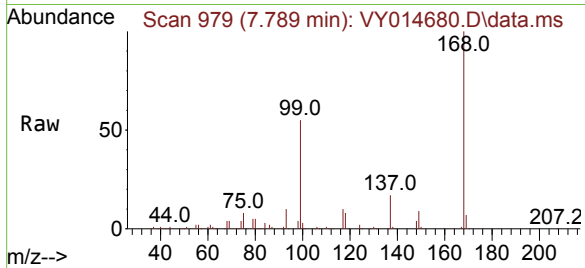




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

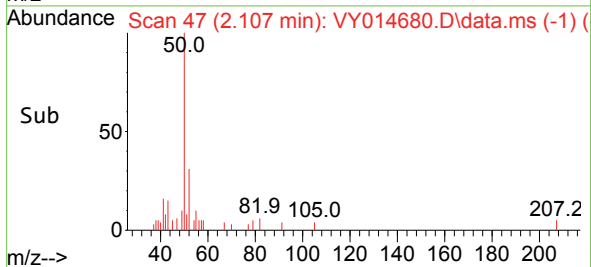
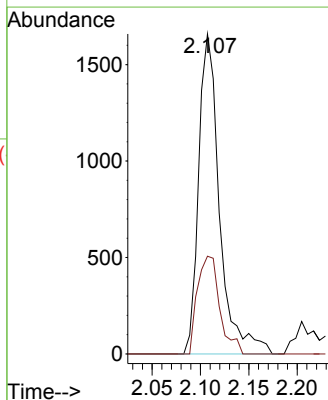
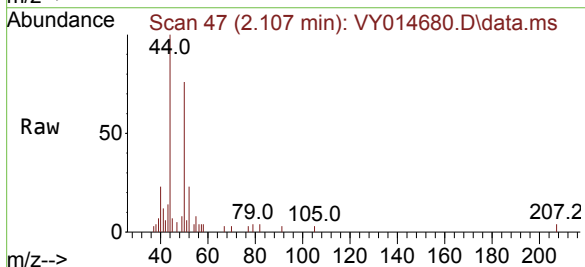
Instrument :
MSVOA_Y
ClientSampleId :
SB-09(3-5)

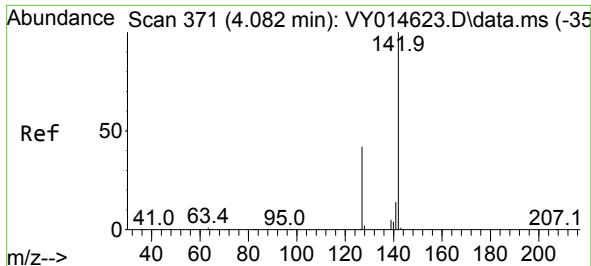
Tgt Ion:168 Resp: 210931
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#3
Chloromethane
Concen: 1.293 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

Tgt Ion: 50 Resp: 2498
Ion Ratio Lower Upper
50 100
52 30.6 25.4 38.2

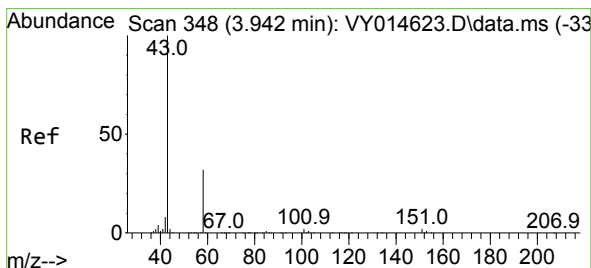
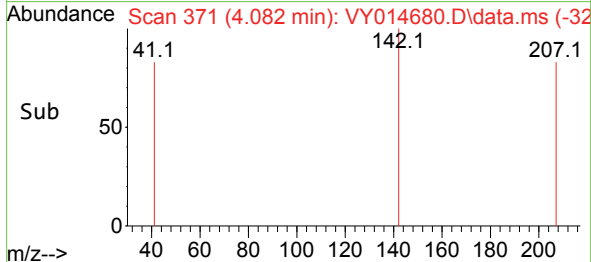
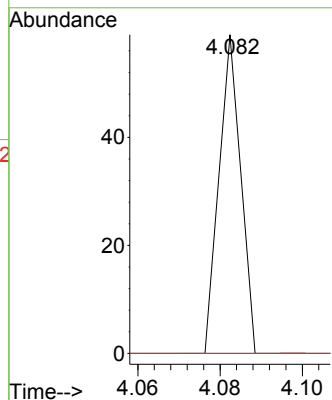
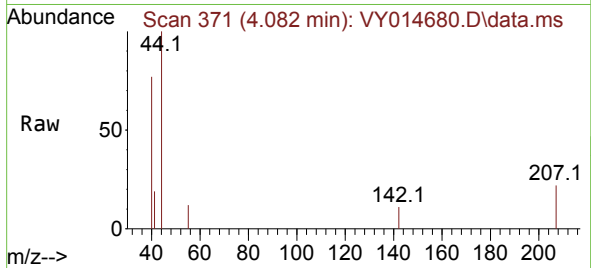




#10
Methyl Iodide
Concen: 2.378 ug/l
RT: 4.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

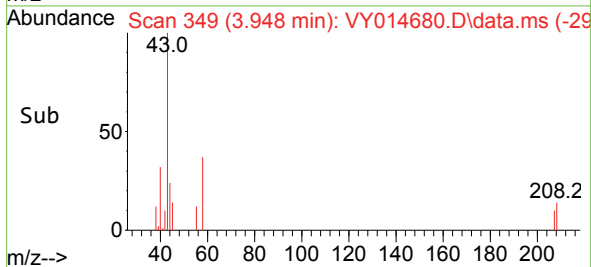
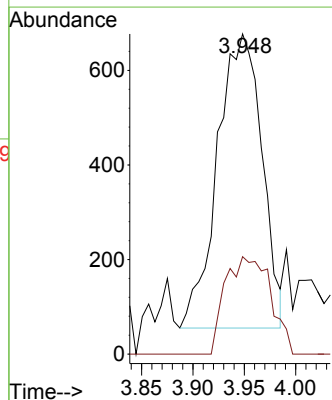
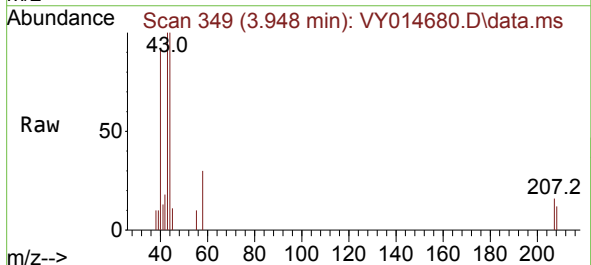
Instrument :
MSVOA_Y
ClientSampleId :
SB-09(3-5)

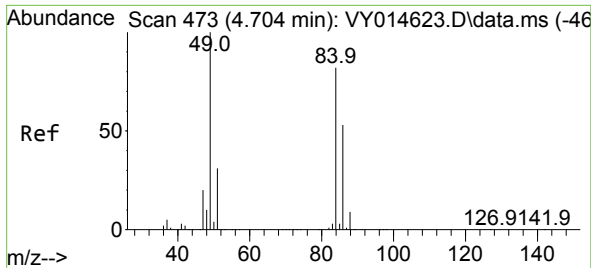
Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 2.462 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

Tgt Ion: 43 Resp: 1875
Ion Ratio Lower Upper
43 100
58 33.1 22.7 34.1

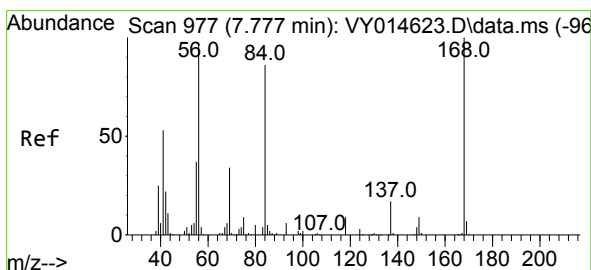
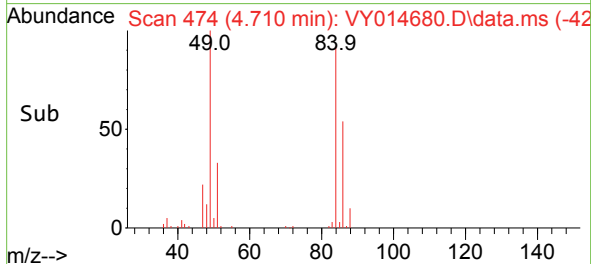
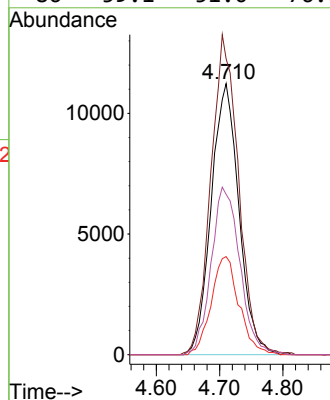
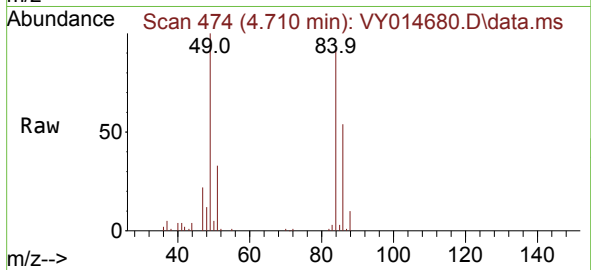




#20
Methylene Chloride
Concen: 10.455 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

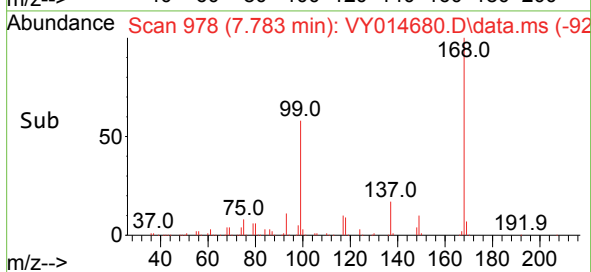
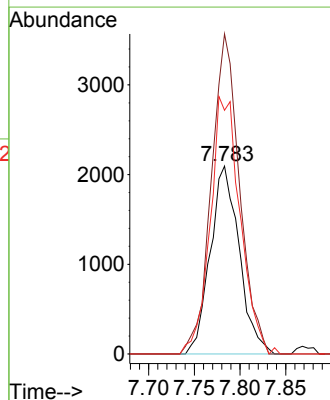
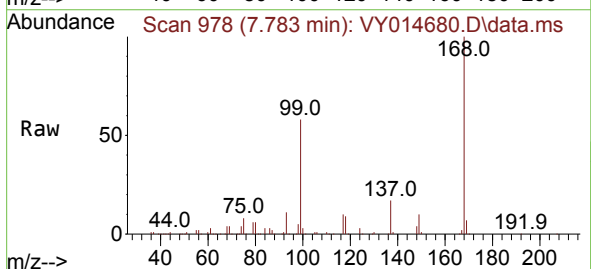
Instrument :
MSVOA_Y
ClientSampleId :
SB-09(3-5)

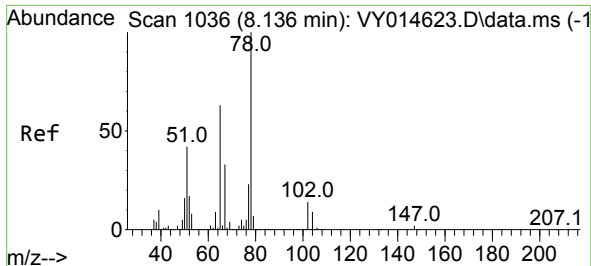
Tgt Ion:	84	Resp:	34134
Ion	Ratio	Lower	Upper
84	100		
49	109.1	106.9	160.3
51	36.2	33.2	49.8
86	59.1	51.0	76.6



#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

Tgt Ion:	56	Resp:	4607
Ion	Ratio	Lower	Upper
56	100		
69	170.4	27.8	41.6#
84	129.8	66.4	99.6#

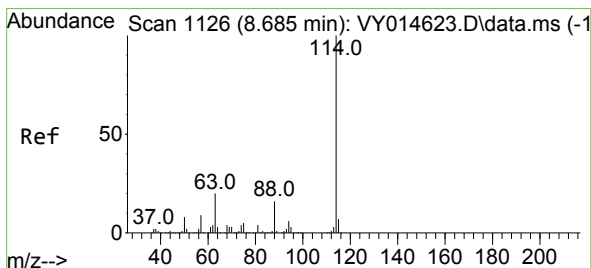
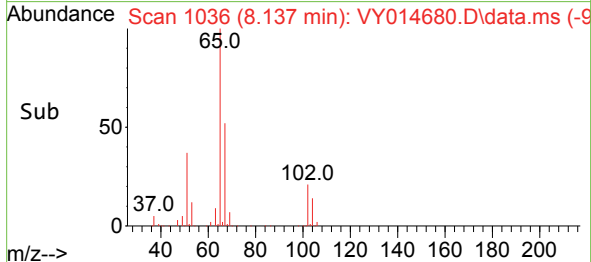
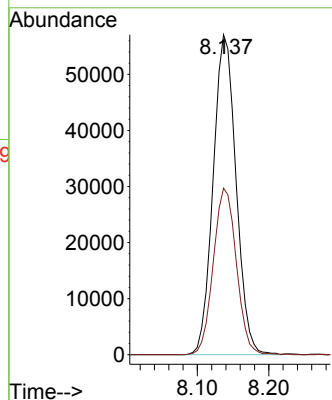
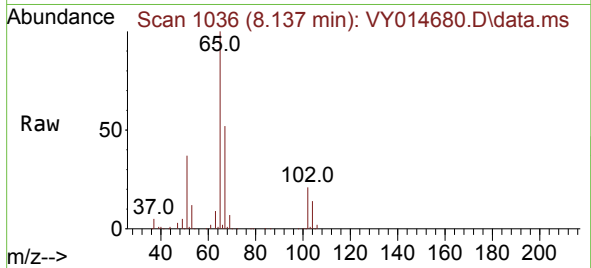




#33
 1,2-Dichloroethane-d4
 Concen: 52.856 ug/l
 RT: 8.137 min Scan# 1103
 Delta R.T. 0.001 min
 Lab File: VY014680.D
 Acq: 17 Jul 2023 18:18

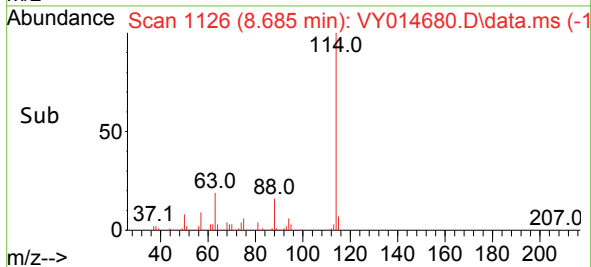
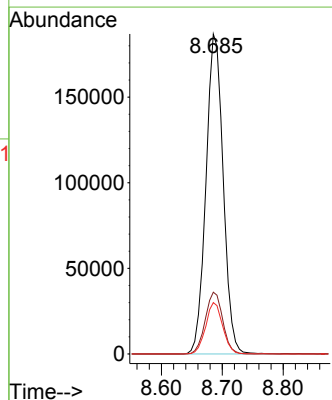
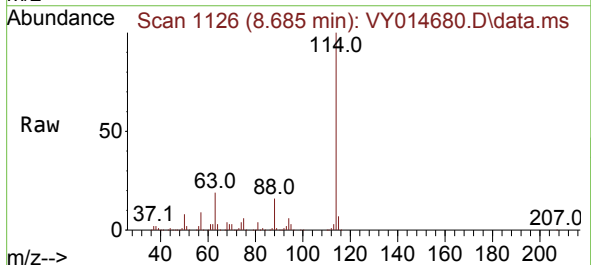
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09(3-5)

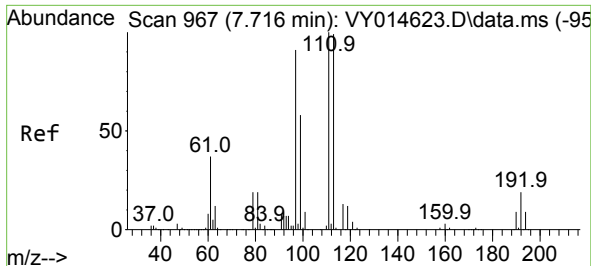
Tgt Ion: 65 Resp: 127046
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014680.D
 Acq: 17 Jul 2023 18:18

Tgt Ion:114 Resp: 367164
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 16.0 0.0 30.6

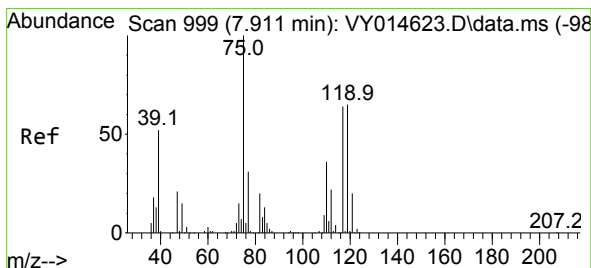
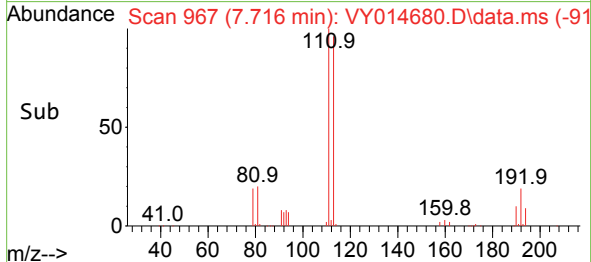
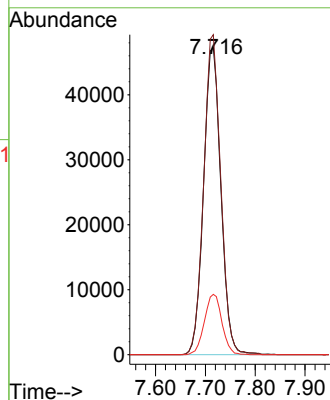
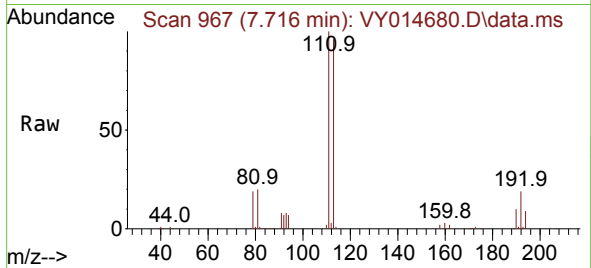




#35
Dibromofluoromethane
Concen: 48.898 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

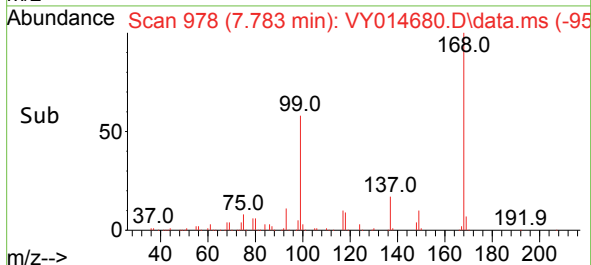
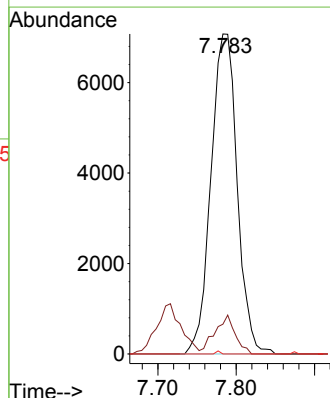
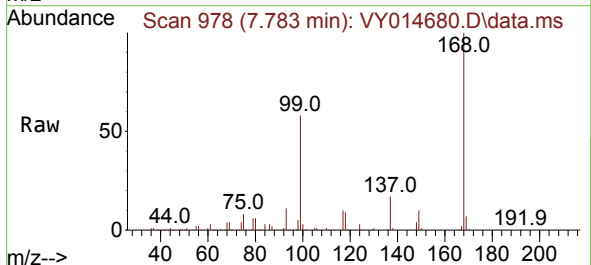
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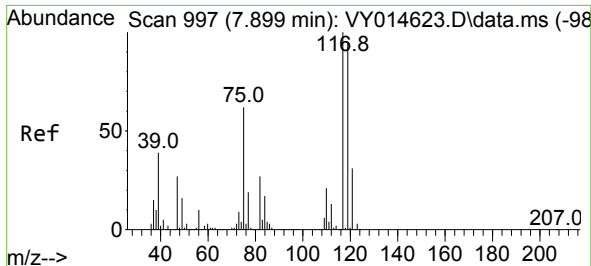
Tgt Ion:113 Resp: 114289
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.713 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

Tgt Ion: 75 Resp: 16475
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.2 24.4 36.6#

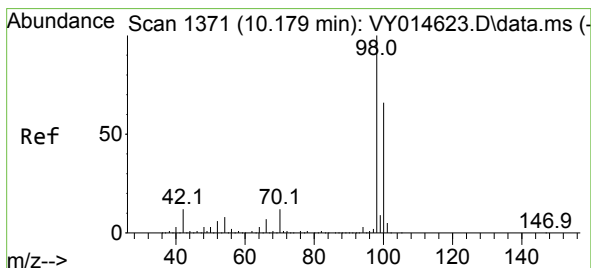
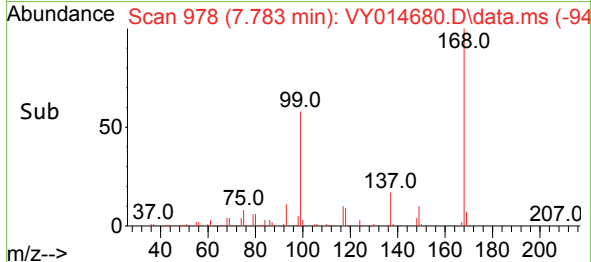
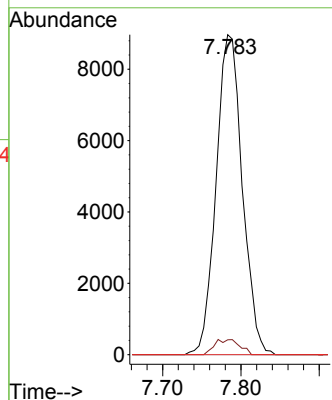
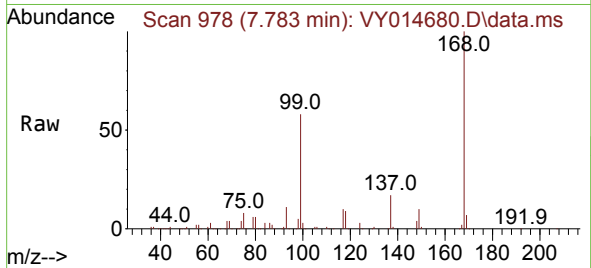




#38
Carbon Tetrachloride
Concen: 5.648 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

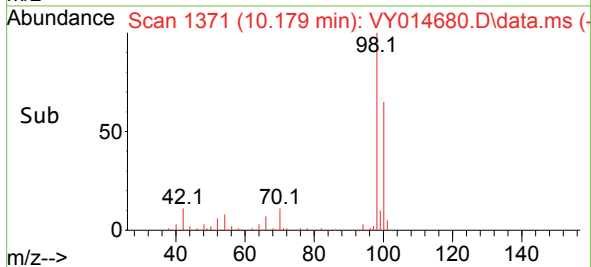
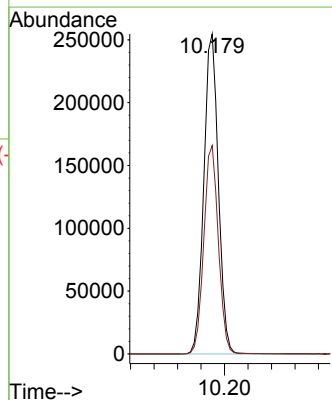
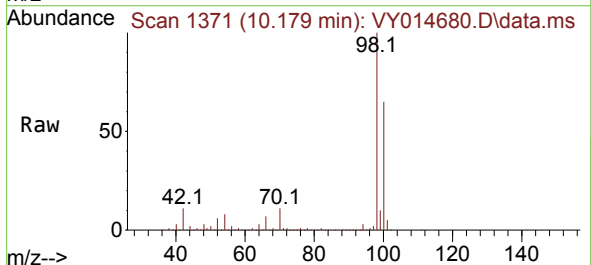
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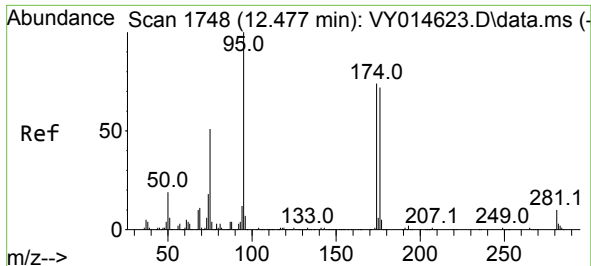
Tgt Ion:117 Resp: 20868
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.710 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

Tgt Ion: 98 Resp: 436971
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

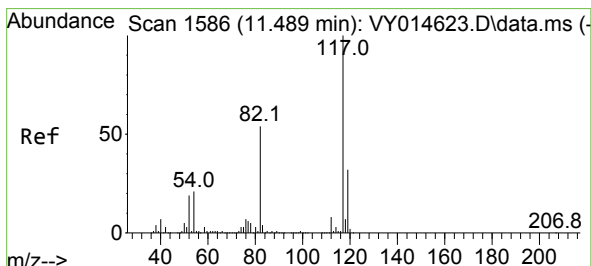
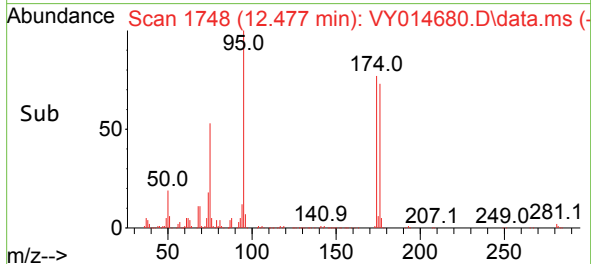
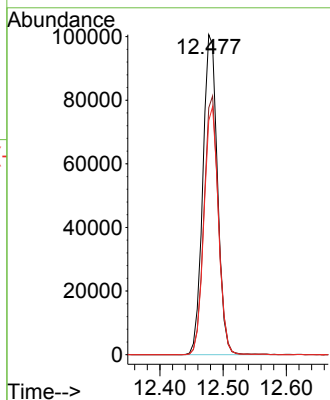
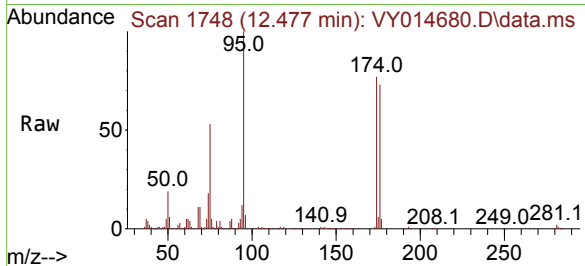




#62
4-Bromofluorobenzene
Concen: 49.027 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

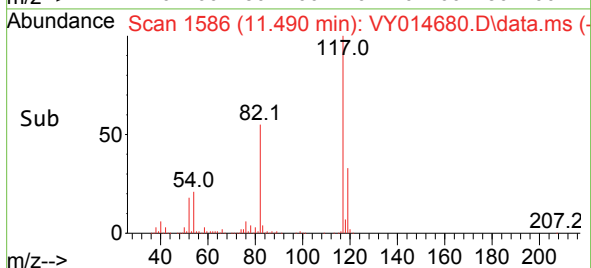
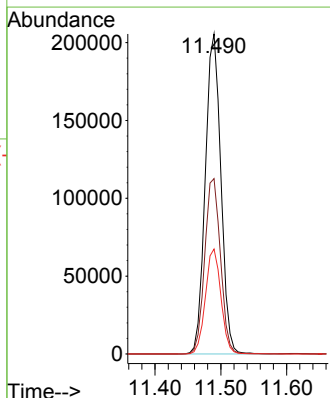
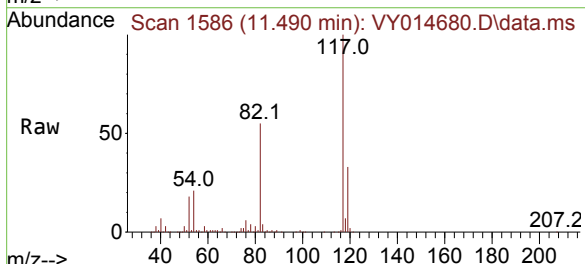
Instrument :
MSVOA_Y
ClientSampleId :
SB-09(3-5)

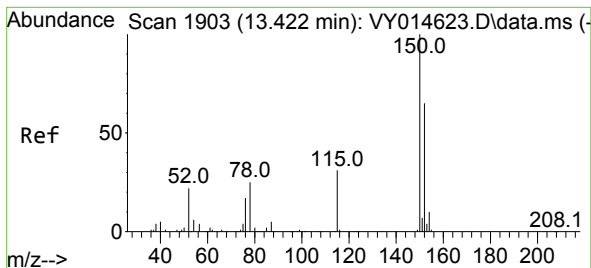
Tgt Ion: 95 Resp: 161990
Ion Ratio Lower Upper
95 100
174 79.5 0.0 178.2
176 76.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

Tgt Ion: 117 Resp: 339192
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.8 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: VY014680.D

Acq: 17 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-09(3-5)

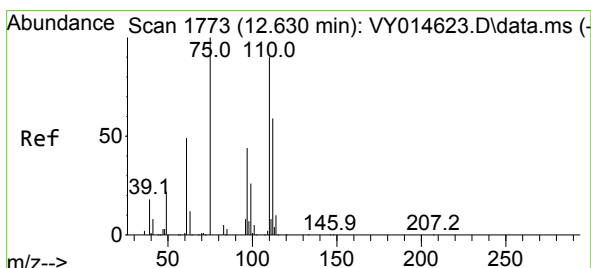
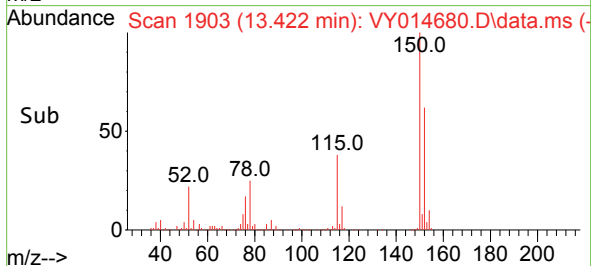
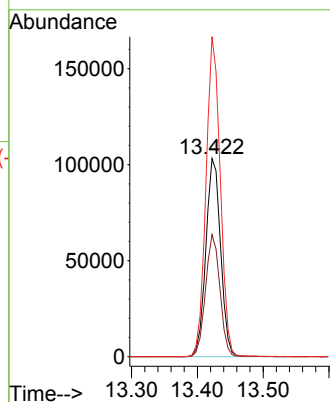
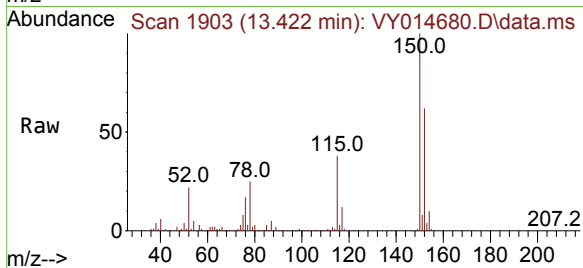
Tgt Ion:152 Resp: 160685

Ion Ratio Lower Upper

152 100

115 60.1 28.8 86.5

150 156.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.089 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014680.D

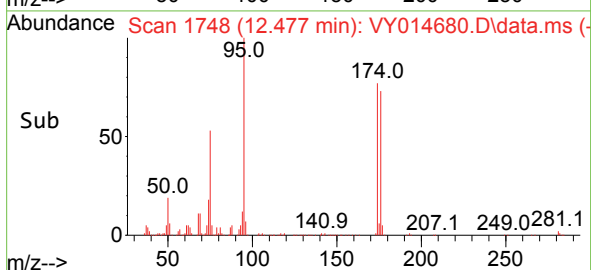
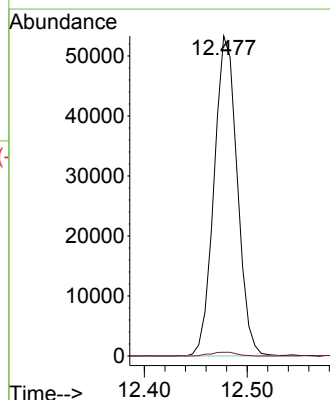
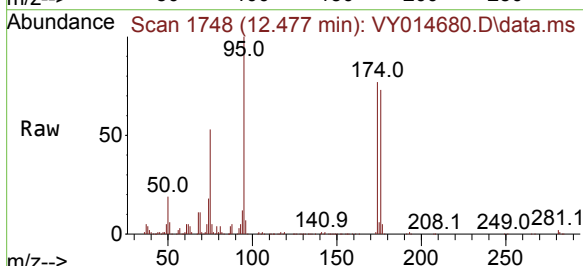
Acq: 17 Jul 2023 18:18

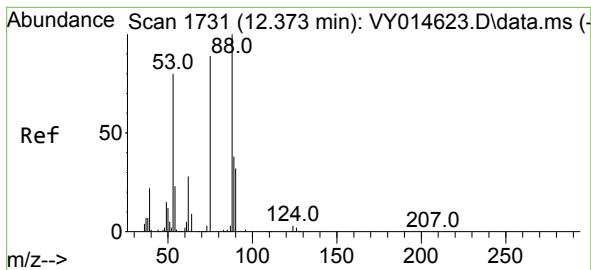
Tgt Ion: 75 Resp: 83387

Ion Ratio Lower Upper

75 100

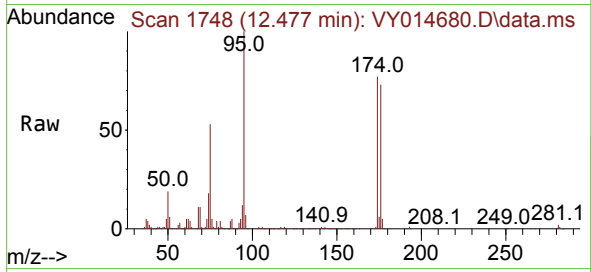
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.556 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014680.D
 Acq: 17 Jul 2023 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09(3-5)



Tgt Ion: 75 Resp: 83387
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

