

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014577.D
 Acq On : 06 Jul 2023 10:44
 Operator : KP/MD
 Sample : VY0703SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 06 11:37:53 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)

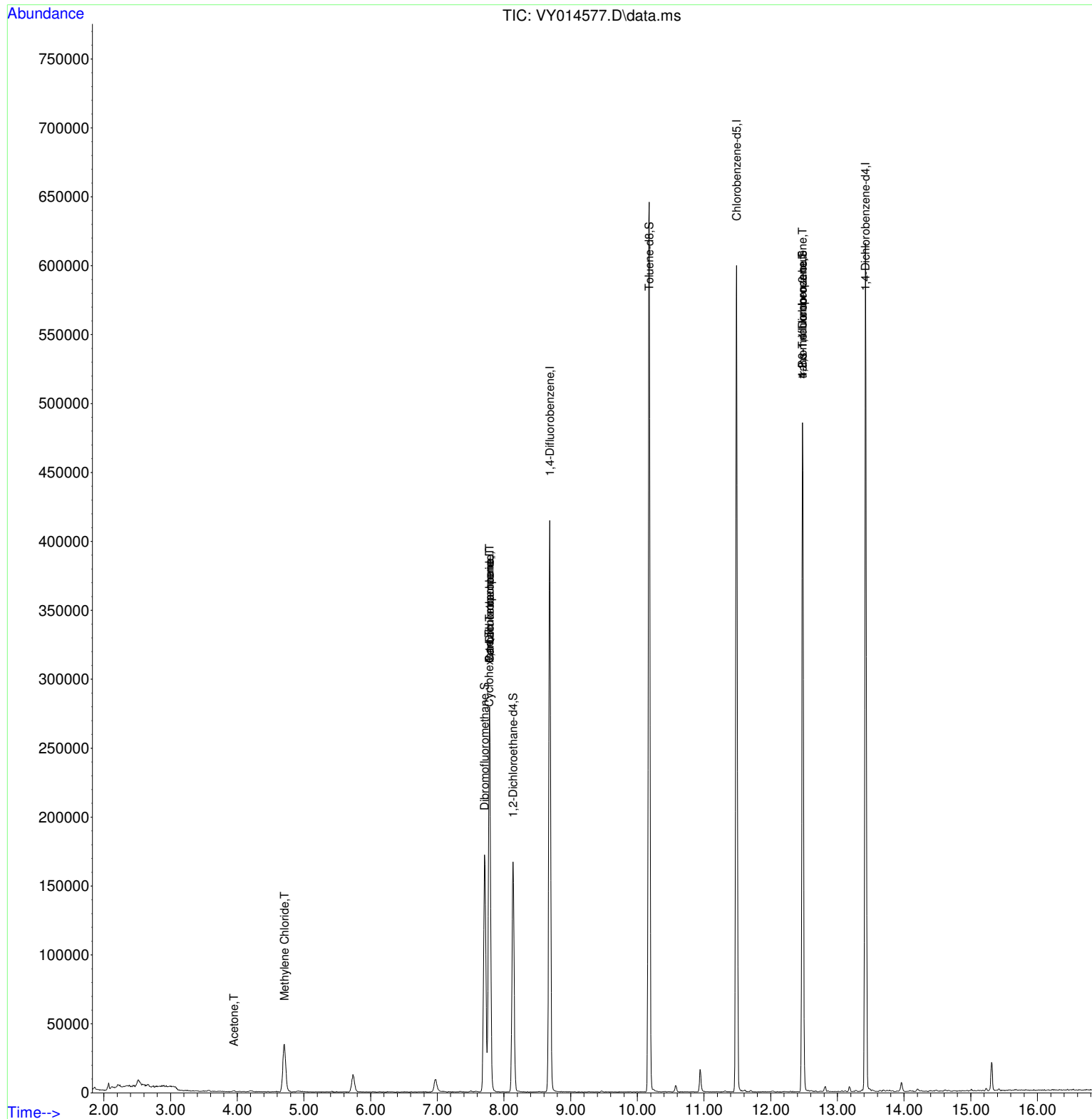
Internal Standards						
1) Pentafluorobenzene	7.783	168	234779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	355958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132980	56.94	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	113.88%	
35) Dibromofluoromethane	7.710	113	124257	54.89	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	109.78%	
50) Toluene-d8	10.179	98	443041	49.51	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.477	95	143479	46.17	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	92.34%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	78	Below Cal	#	43
11) Tert butyl alcohol	4.972	59	162	Below Cal	#	89
16) Acetone	3.948	43	999	1.37	ug/l #	81
20) Methylene Chloride	4.710	84	27573	5.90	ug/l #	84
31) Cyclohexane	7.777	56	3922	1.07	ug/l #	5
36) 1,1-Dichloropropene	7.783	75	15545	4.48	ug/l #	49
38) Carbon Tetrachloride	7.783	117	19230	5.31	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	68896	34.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	68896	66.75	ug/l #	11

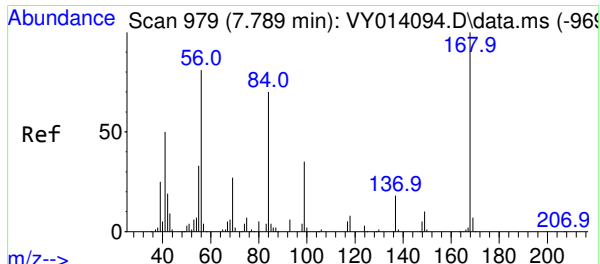
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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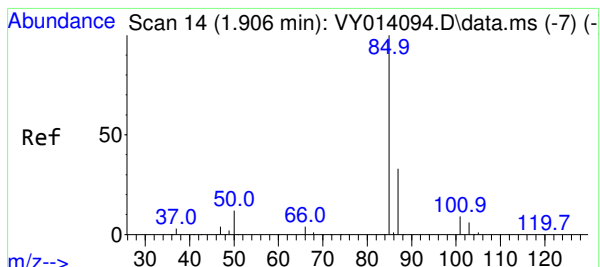
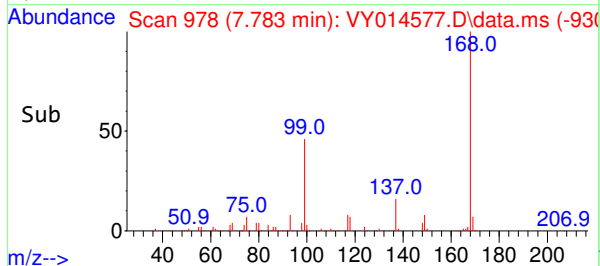
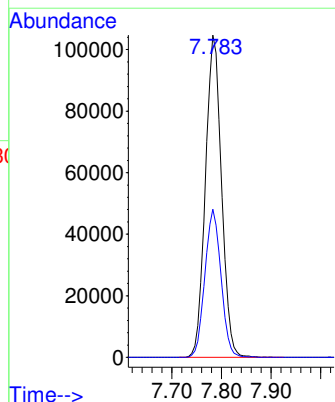
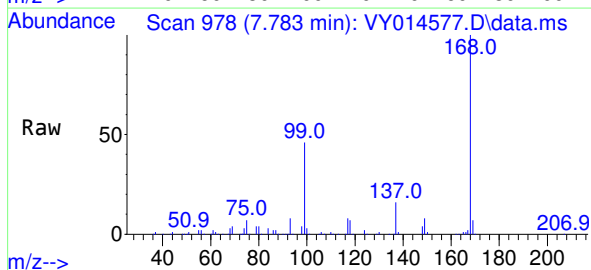




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.783 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

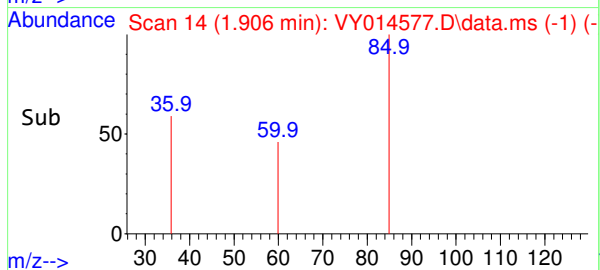
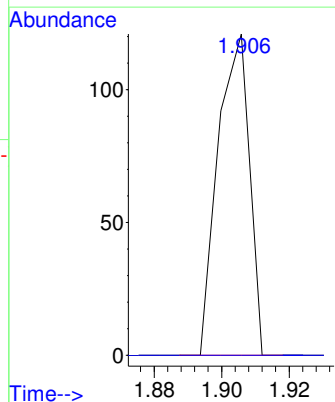
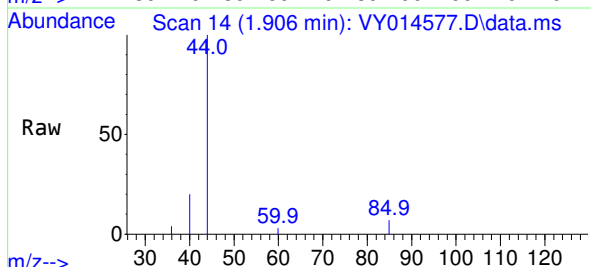
Instrument :
MSVOA_Y
ClientSampleId :

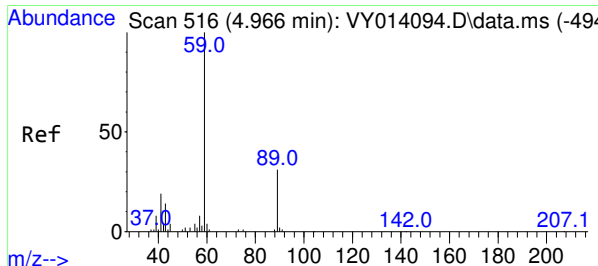
Tgt Ion:168 Resp: 234779
Ion Ratio Lower Upper
168 100
99 46.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

Tgt Ion: 85 Resp: 78
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

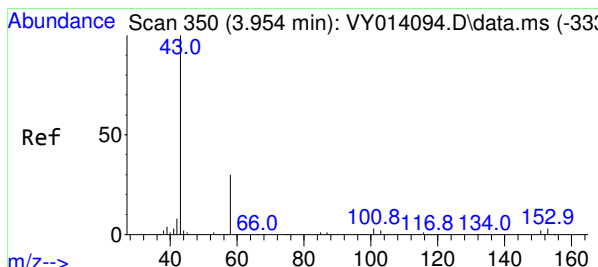
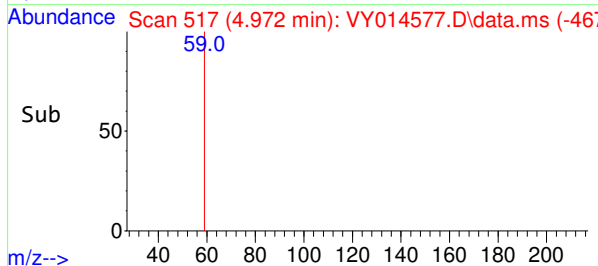
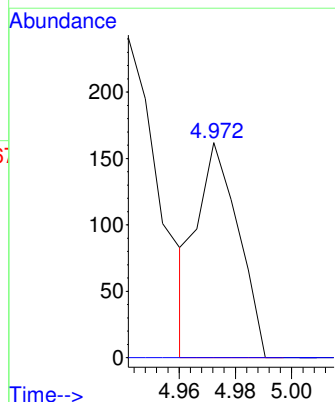
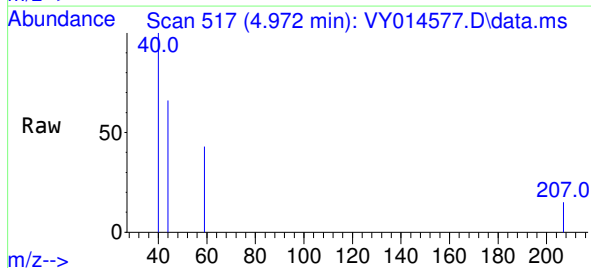




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

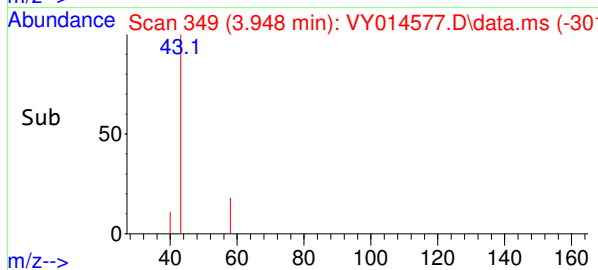
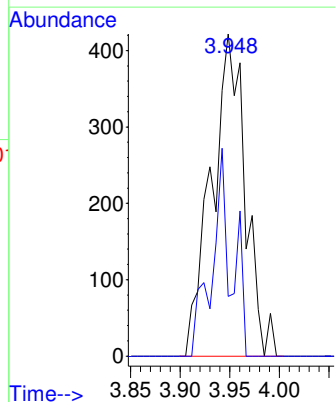
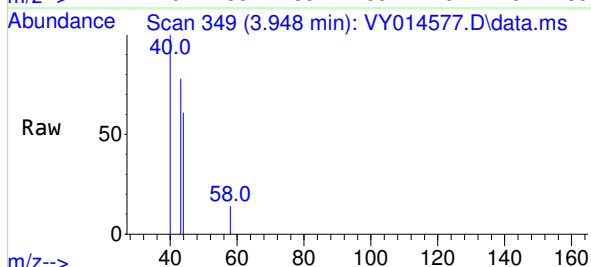
Instrument :
MSVOA_Y
ClientSampleId :

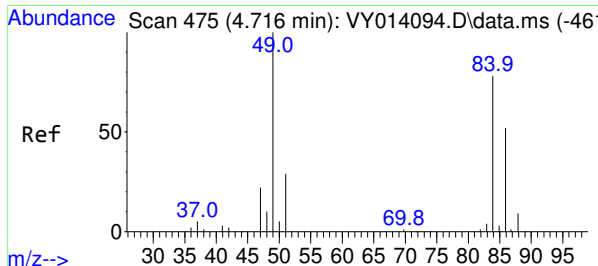
Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 1.37 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

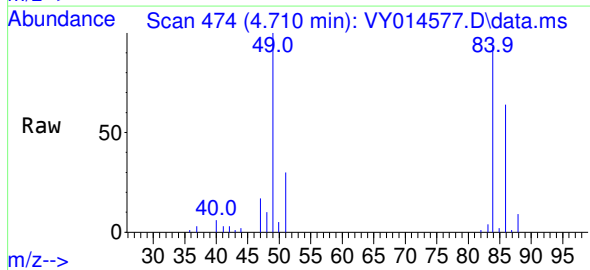
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
58 18.5 22.7 34.1#



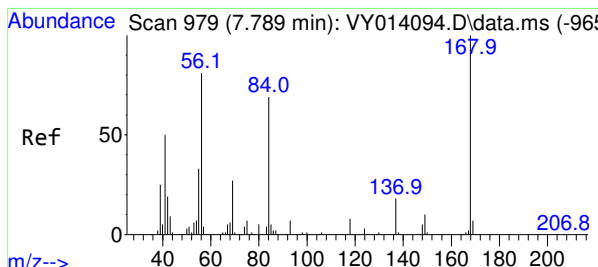
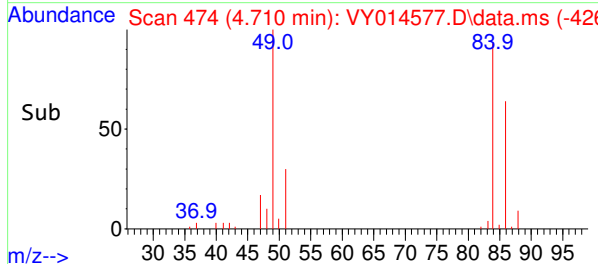
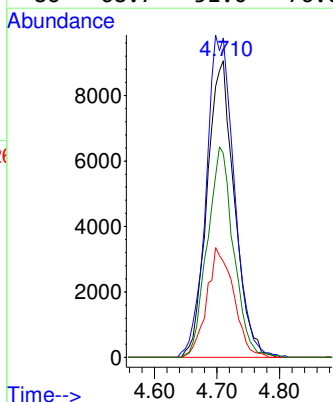


#20
Methylene Chloride
Concen: 5.90 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :

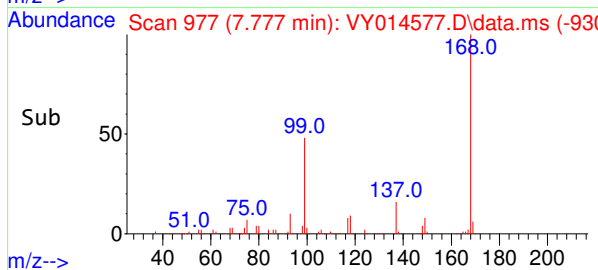
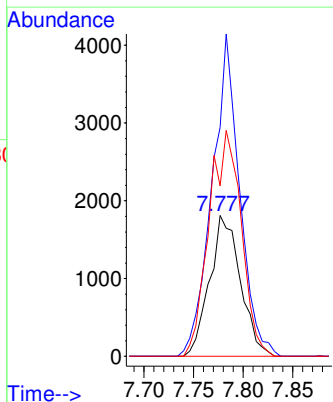
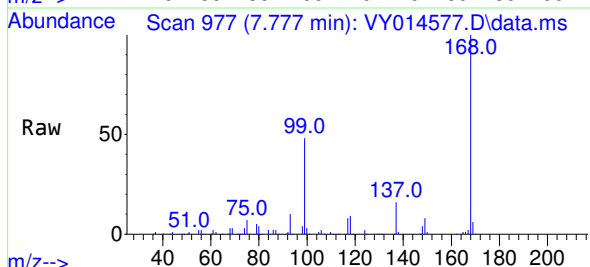


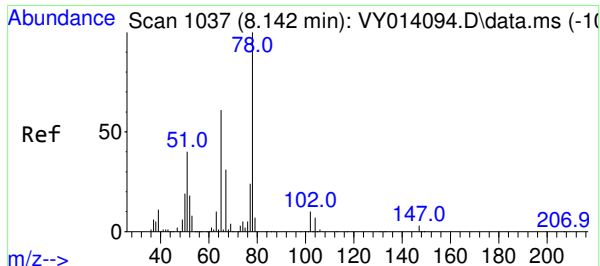
Tgt Ion:	84	Resp:	27573
Ion	Ratio	Lower	Upper
84	100		
49	107.6	106.9	160.3
51	32.3	33.2	49.8#
86	68.7	51.0	76.6



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.012 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

Tgt Ion:	56	Resp:	3922
Ion	Ratio	Lower	Upper
56	100		
69	162.3	27.8	41.6#
84	120.8	66.4	99.6#

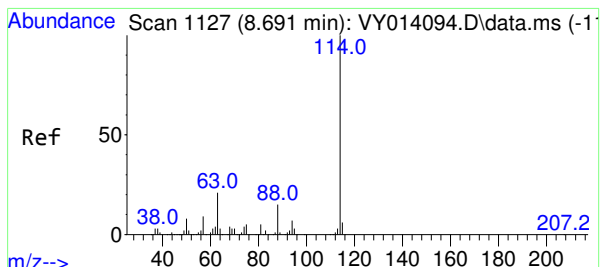
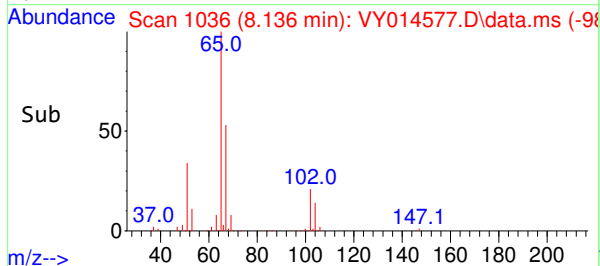
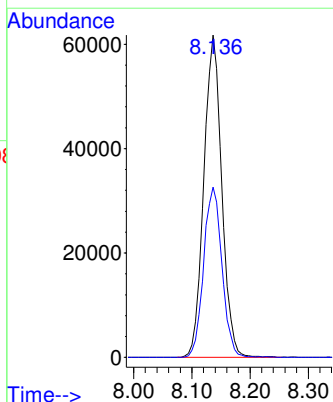
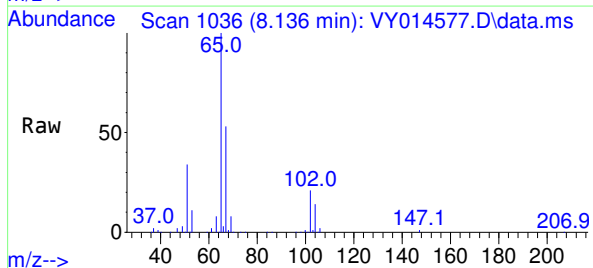




#33
 1,2-Dichloroethane-d4
 Concen: 56.94 ug/l
 RT: 8.136 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VY014577.D
 Acq: 06 Jul 2023 10:44

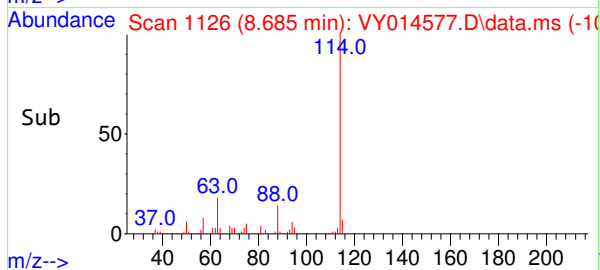
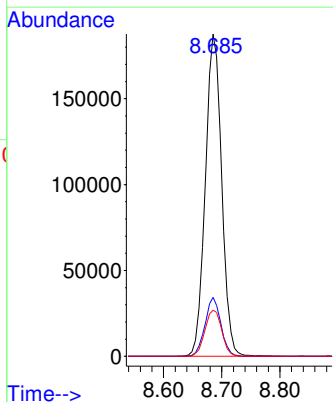
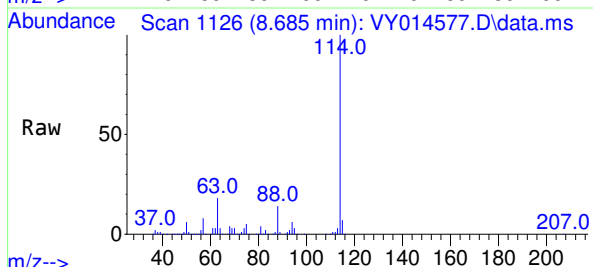
Instrument :
 MSVOA_Y
 ClientSampleId :

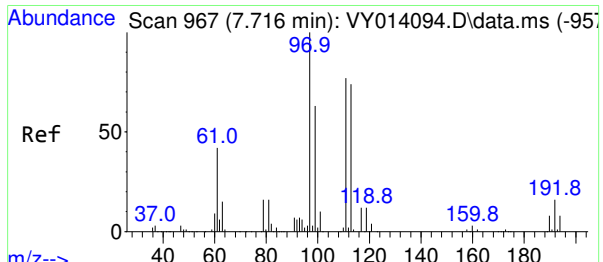
Tgt Ion: 65 Resp: 132980
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014577.D
 Acq: 06 Jul 2023 10:44

Tgt Ion: 114 Resp: 367616
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 42.4
 88 14.3 0.0 30.6

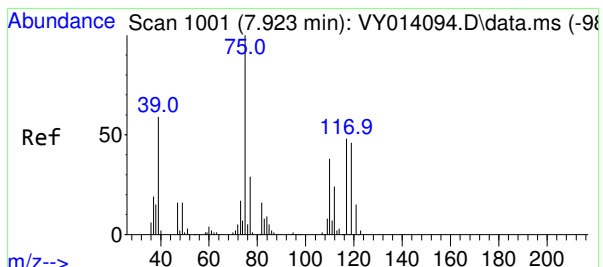
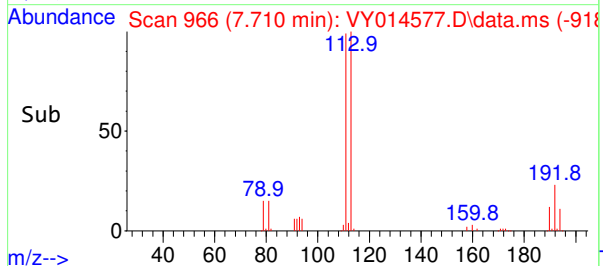
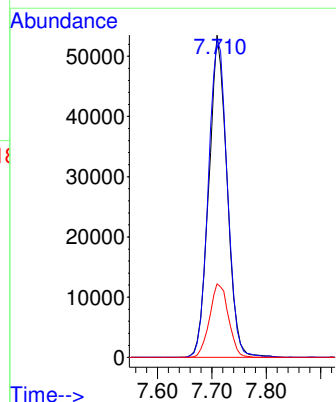
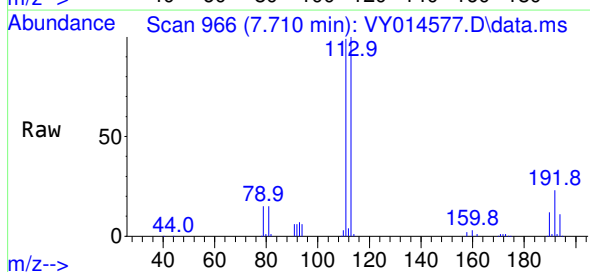




#35
Dibromofluoromethane
Concen: 54.89 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

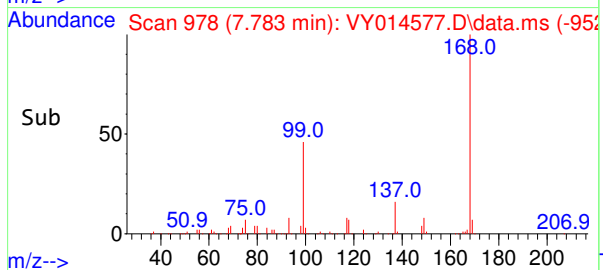
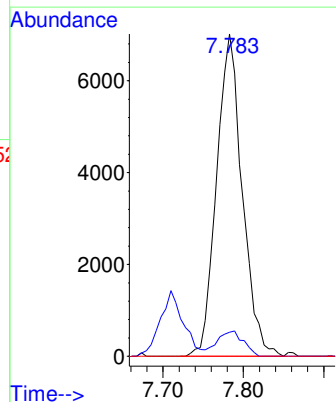
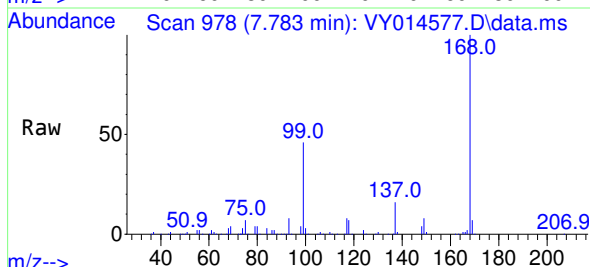
Instrument :
MSVOA_Y
ClientSampleId :

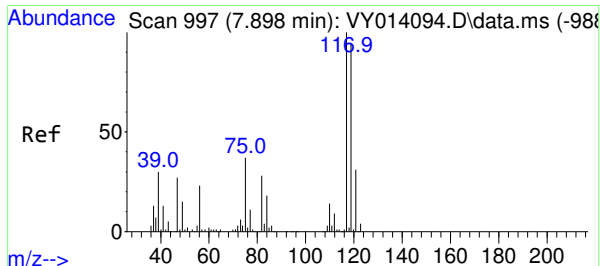
Tgt Ion: 113 Resp: 124257
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 23.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

Tgt Ion: 75 Resp: 15545
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.5#
77 0.0 24.4 36.6#

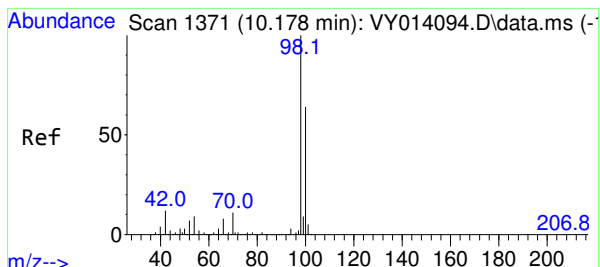
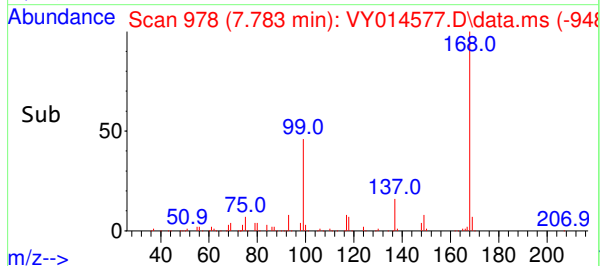
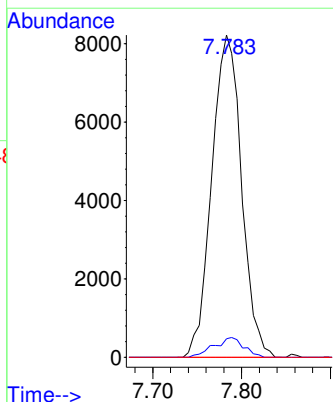
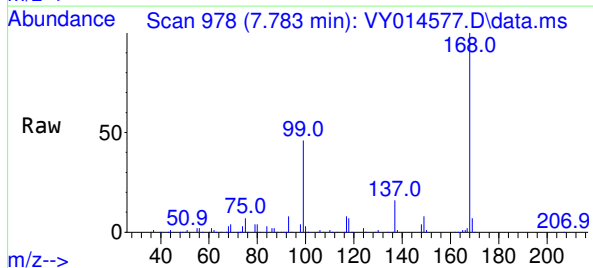




#38
Carbon Tetrachloride
Concen: 5.31 ug/l
RT: 7.783 min Scan# 997
Delta R.T. -0.115 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

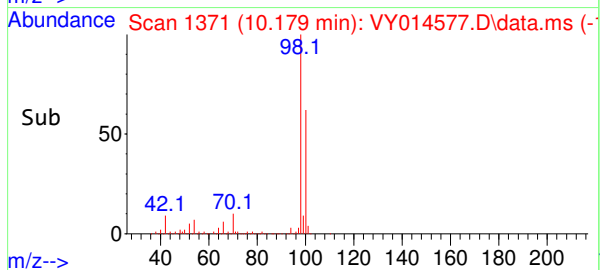
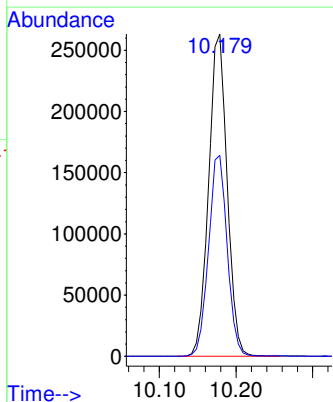
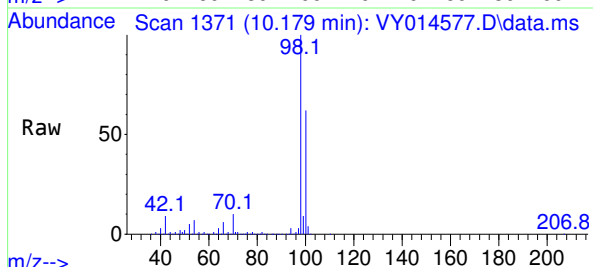
Instrument :
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ClientSampleId :

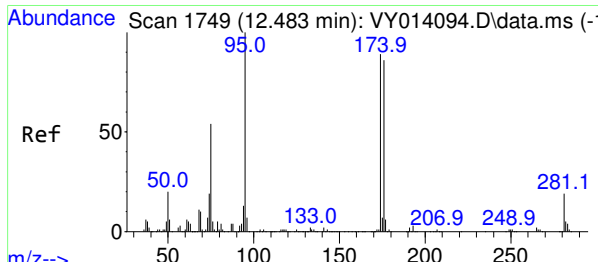
Tgt Ion:117 Resp: 19230
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.51 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

Tgt Ion: 98 Resp: 443041
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1

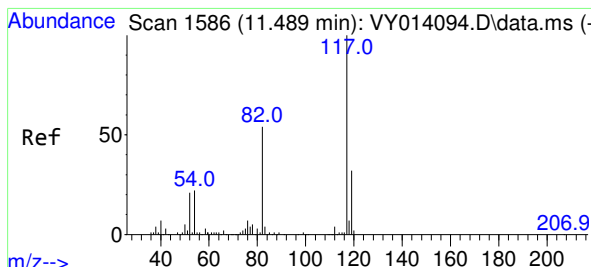
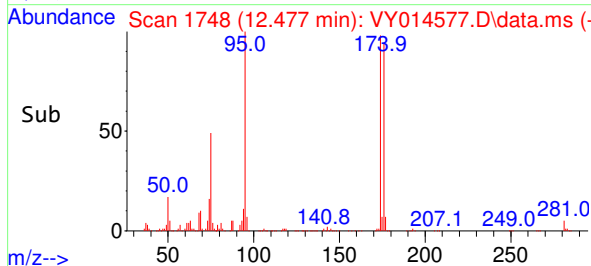
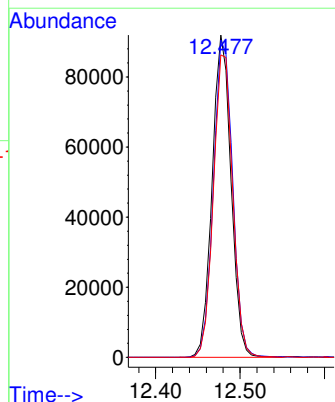
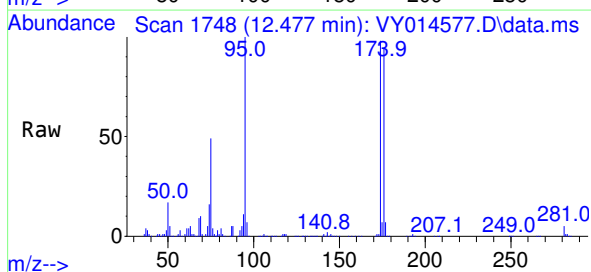




#62
4-Bromofluorobenzene
Concen: 46.17 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

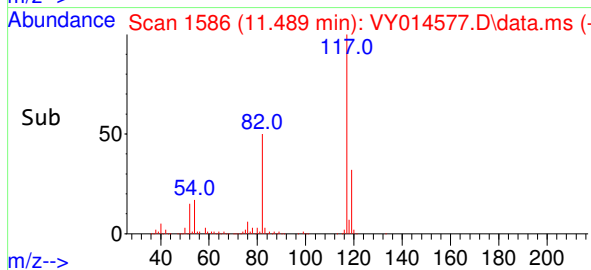
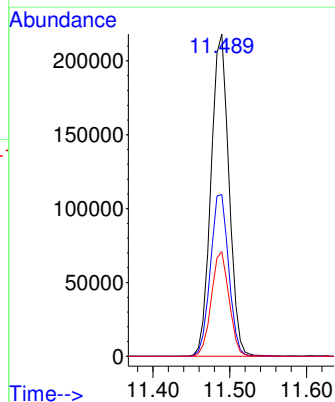
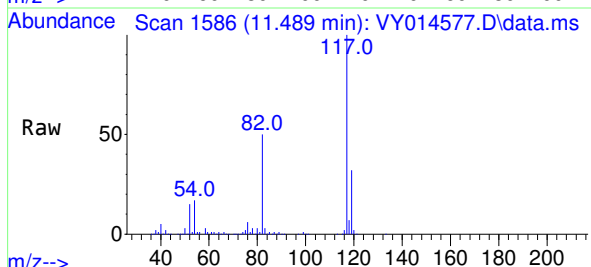
Instrument :
MSVOA_Y
ClientSampleId :

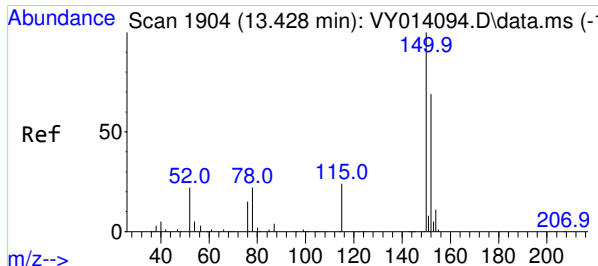
Tgt Ion:	95	Resp:	143479
Ion	Ratio	Lower	Upper
95	100		
174	100.2	0.0	178.2
176	96.1	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

Tgt Ion:	117	Resp:	355958
Ion	Ratio	Lower	Upper
117	100		
82	50.2	43.4	65.0
119	32.4	26.3	39.5

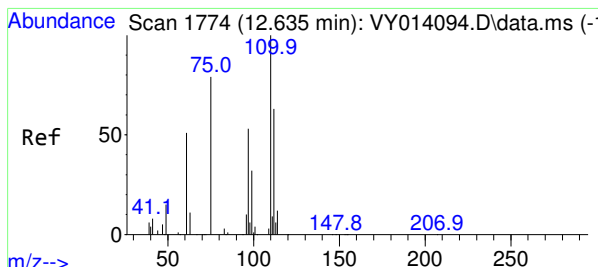
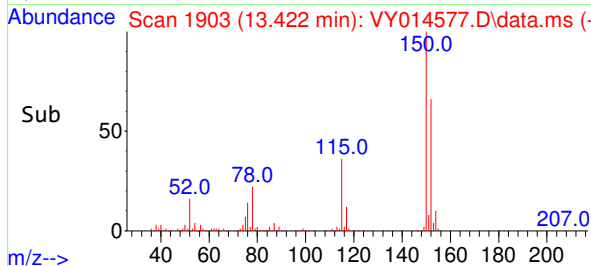
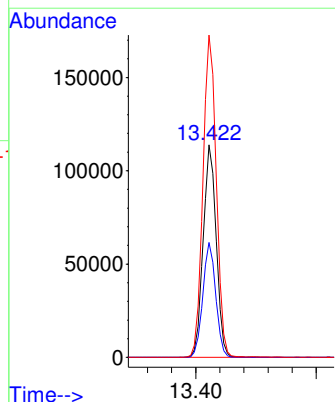
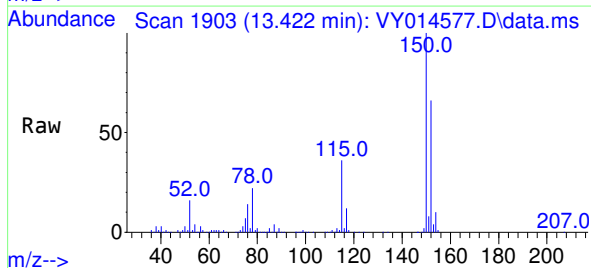




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

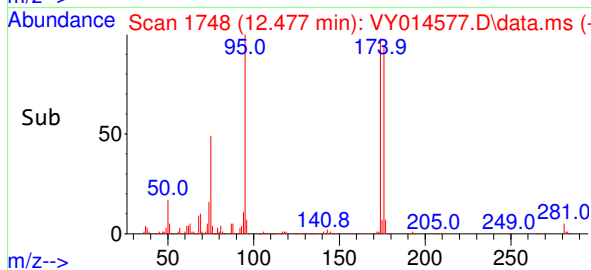
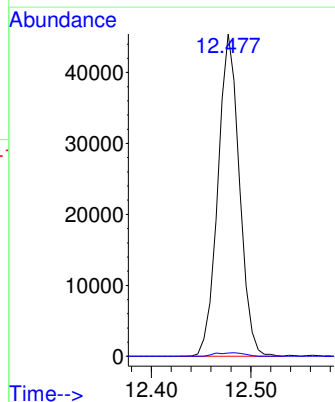
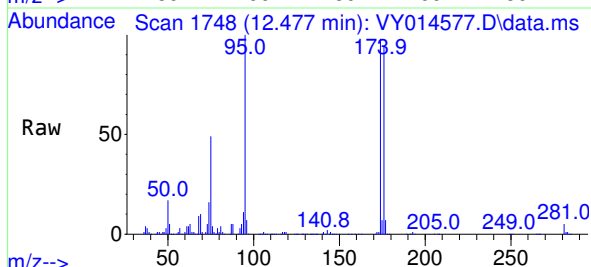
Instrument :
MSVOA_Y
ClientSampleId :

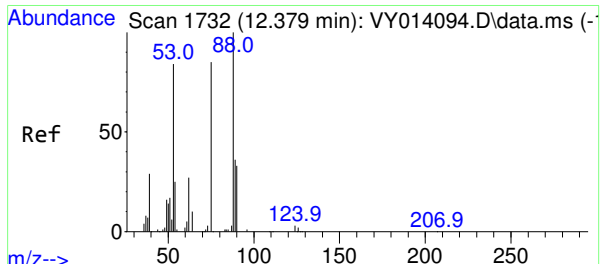
Tgt Ion:152 Resp: 171196
Ion Ratio Lower Upper
152 100
115 53.5 28.8 86.5
150 154.7 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 34.30 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014577.D
Acq: 06 Jul 2023 10:44

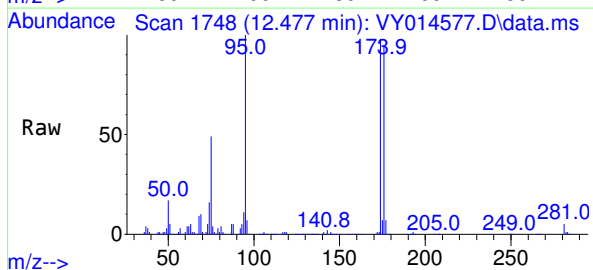
Tgt Ion: 75 Resp: 68896
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.75 ug/l
 RT: 12.477 min Scan# 1
 Delta R.T. 0.098 min
 Lab File: VY014577.D
 Acq: 06 Jul 2023 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 68896
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.8 116.8#
 89 0.0 37.4 56.0#

