

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014557.D
 Acq On : 05 Jul 2023 14:45
 Operator : KP/MD
 Sample : 03498-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

Quant Time: Jul 05 15:01:49 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)

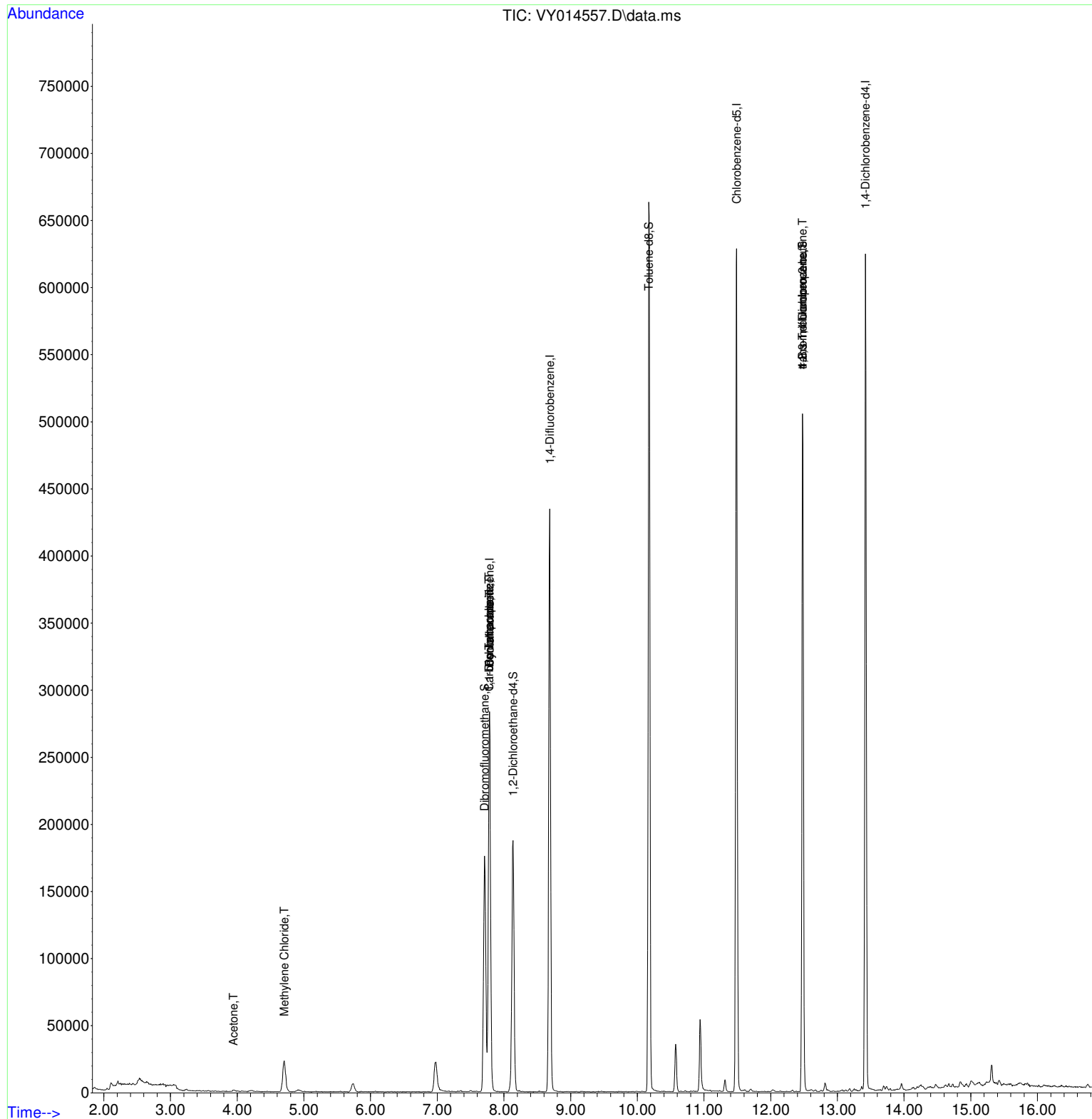
Internal Standards						
1) Pentafluorobenzene	7.783	168	234996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	148208	63.40	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	126.80%	
35) Dibromofluoromethane	7.710	113	127126	54.83	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	109.66%	
50) Toluene-d8	10.173	98	454702	49.61	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.477	95	149143	46.86	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	93.72%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	174	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	569	Below Cal	#	89
16) Acetone	3.942	43	1984	2.72	ug/l	94
20) Methylene Chloride	4.704	84	18224	1.94	ug/l	86
31) Cyclohexane	7.783	56	4216	1.15	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	16680	4.70	ug/l #	49
38) Carbon Tetrachloride	7.777	117	20117	5.43	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	71756	35.90	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	71756	69.87	ug/l #	11

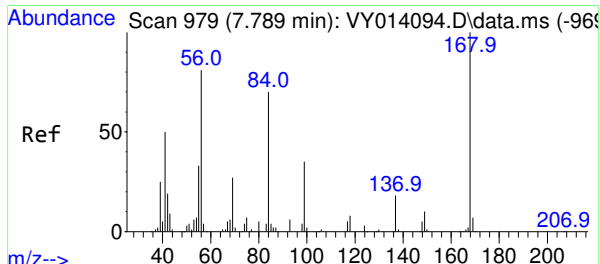
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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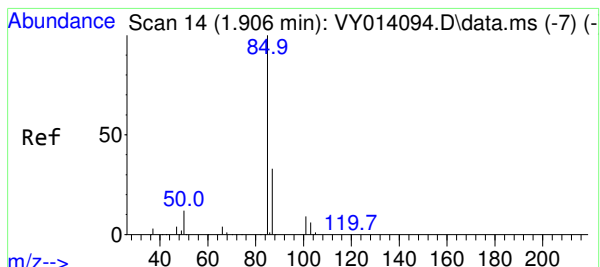
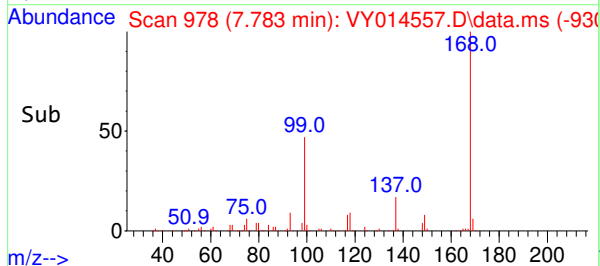
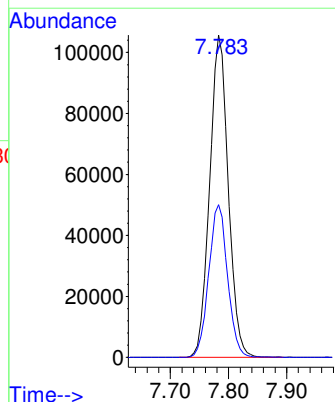
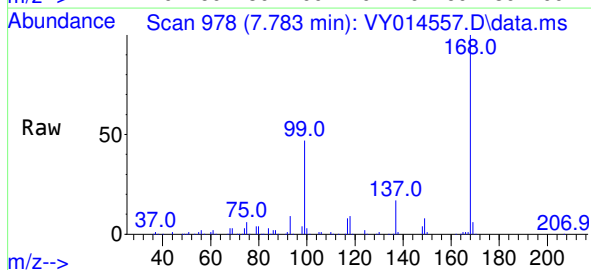




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

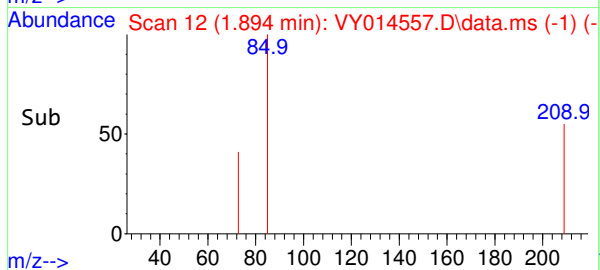
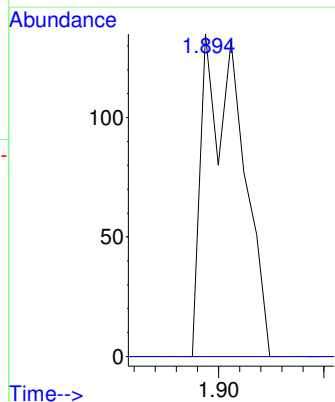
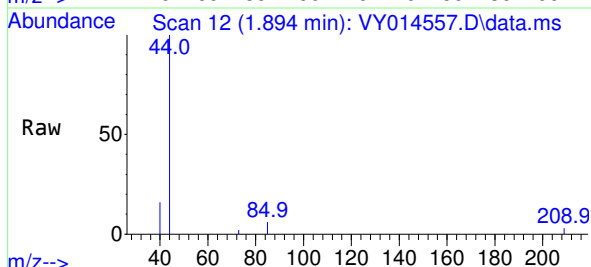
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

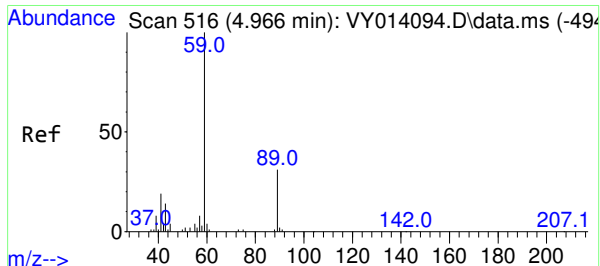
Tgt Ion:168 Resp: 234996
Ion Ratio Lower Upper
168 100
99 47.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.012 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

Tgt Ion: 85 Resp: 174
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

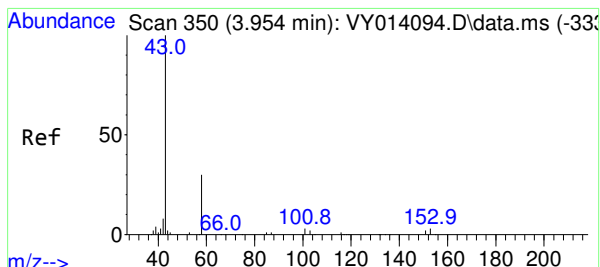
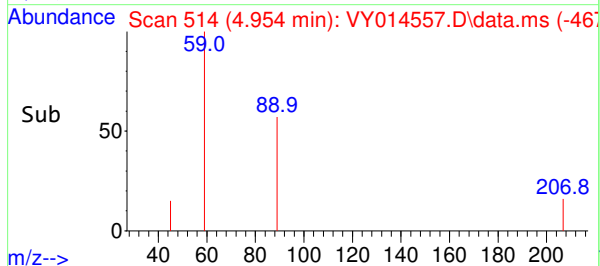
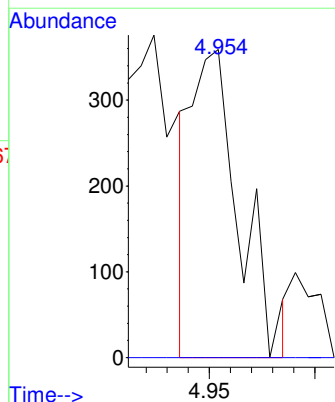
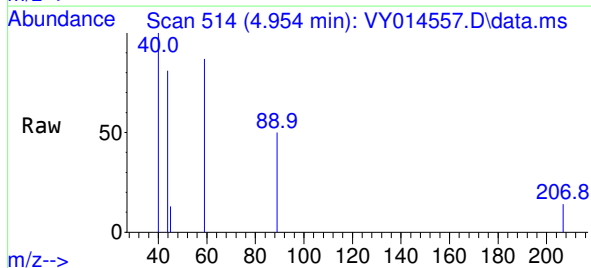




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

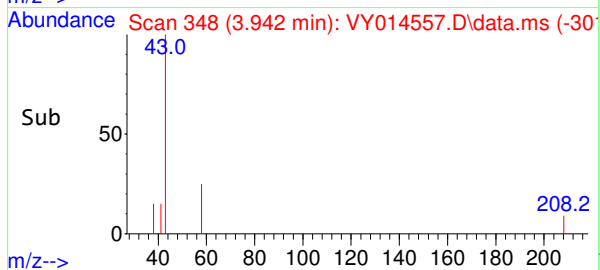
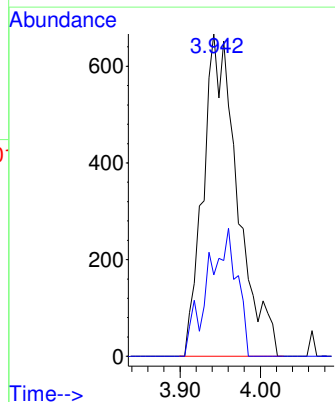
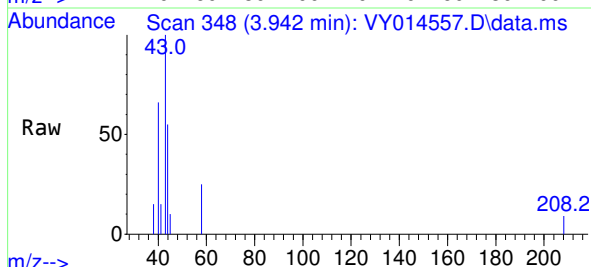
Instrument : MSVOA_Y
ClientSampleId : VY0703SBS01

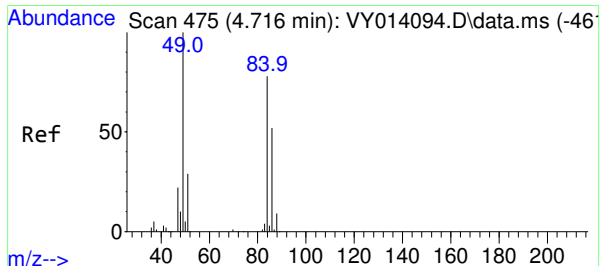
Tgt Ion: 59 Resp: 569
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 2.72 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

Tgt Ion: 43 Resp: 1984
Ion Ratio Lower Upper
43 100
58 25.2 22.7 34.1



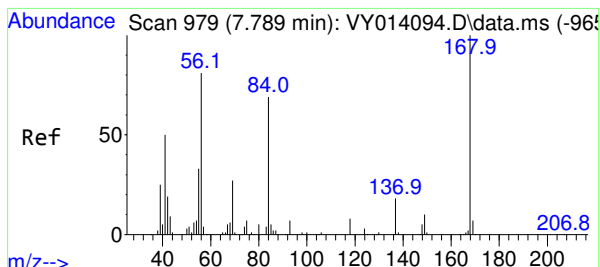
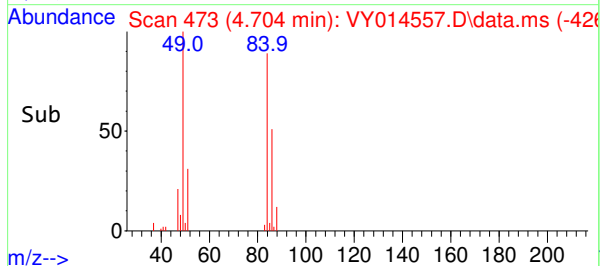
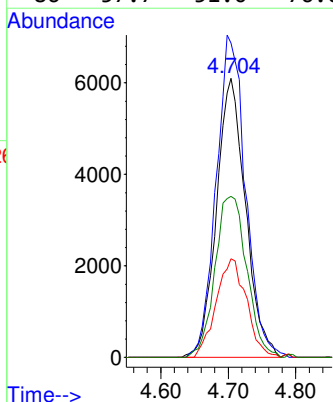
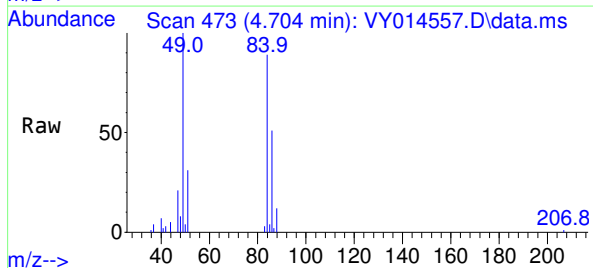


#20
Methylene Chloride
Concen: 1.94 ug/l
RT: 4.704 min Scan# 4
Delta R.T. -0.012 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

Tgt Ion: 84 Resp: 18224

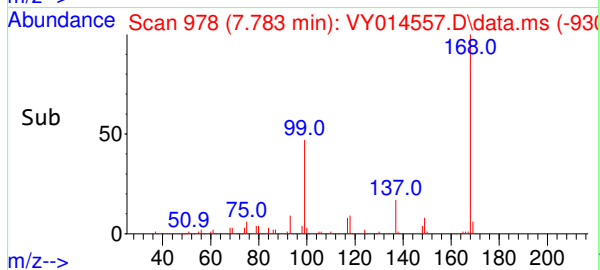
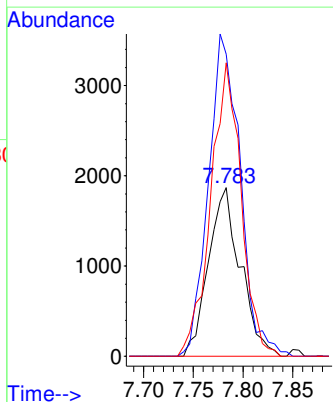
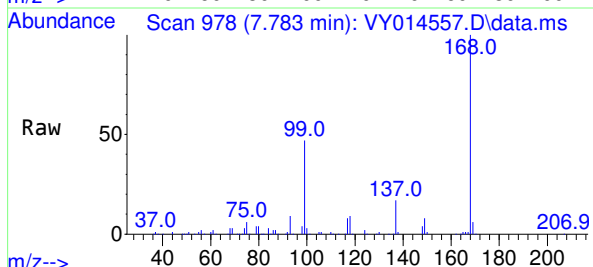
Ion	Ratio	Lower	Upper
84	100		
49	112.5	106.9	160.3
51	35.3	33.2	49.8
86	57.7	51.0	76.6

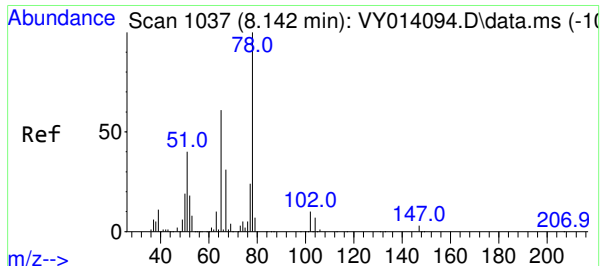


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

Tgt Ion: 56 Resp: 4216

Ion	Ratio	Lower	Upper
56	100		
69	179.1	27.8	41.6#
84	174.0	66.4	99.6#

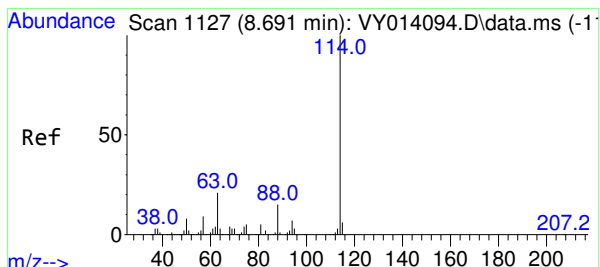
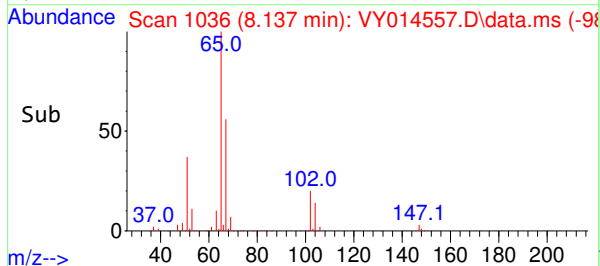
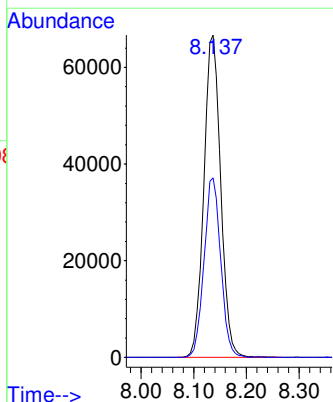
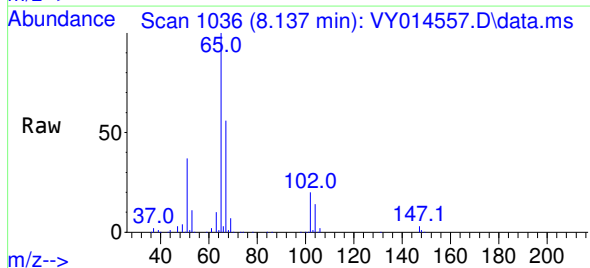




#33
1,2-Dichloroethane-d4
Concen: 63.40 ug/l
RT: 8.137 min Scan# 1
Delta R.T. -0.005 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

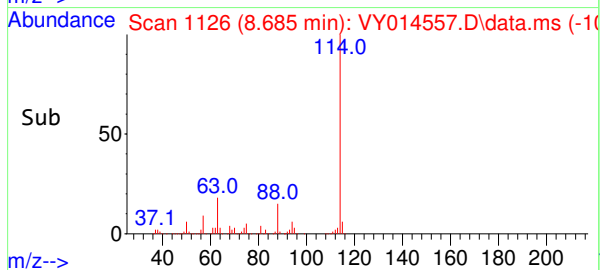
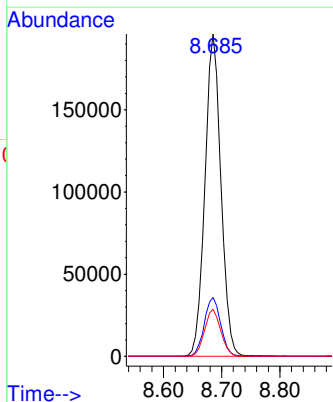
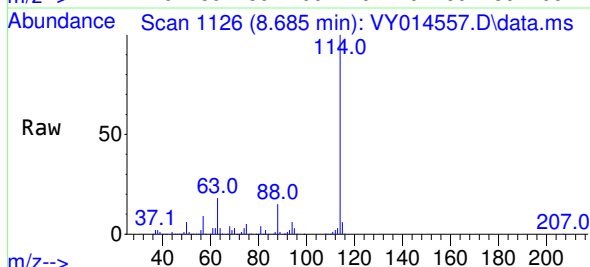
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

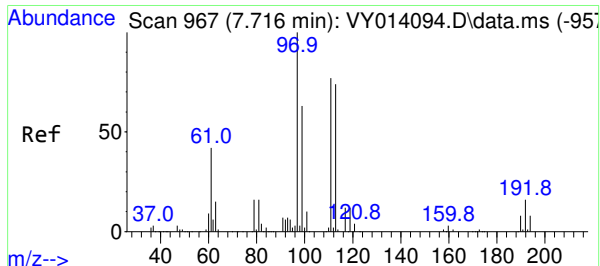
Tgt Ion: 65 Resp: 148208
Ion Ratio Lower Upper
65 100
67 55.1 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

Tgt Ion: 114 Resp: 376533
Ion Ratio Lower Upper
114 100
63 18.3 0.0 42.4
88 14.6 0.0 30.6

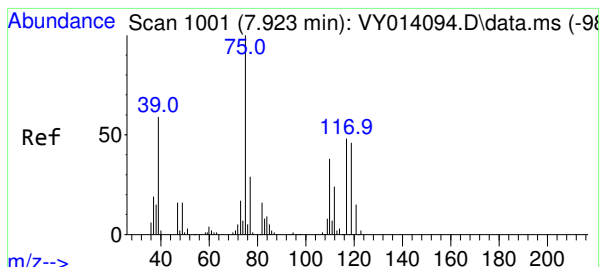
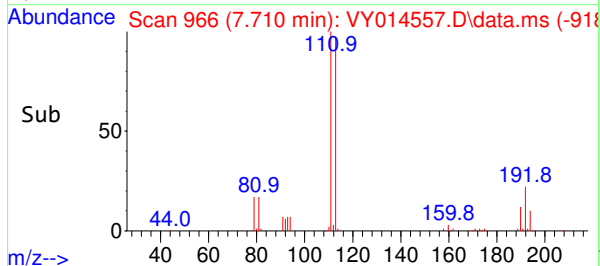
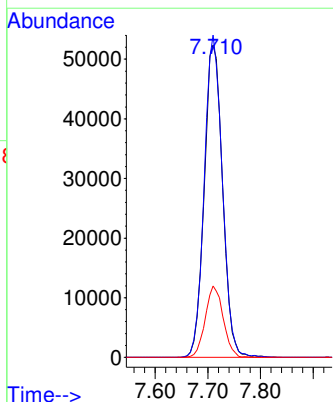
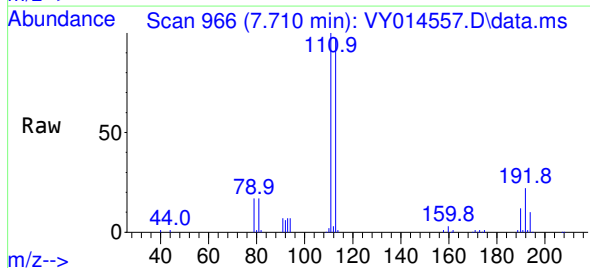




#35
Dibromofluoromethane
Concen: 54.83 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

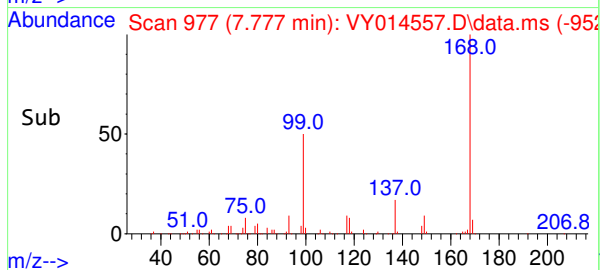
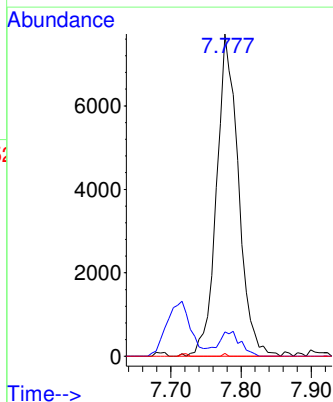
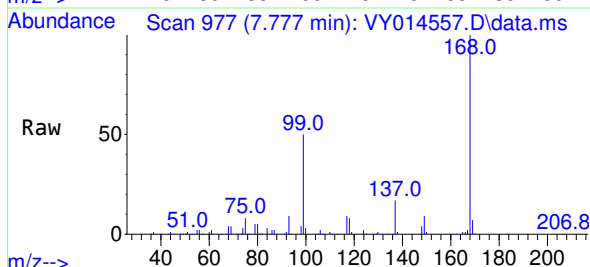
Instrument :
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ClientSampleId :
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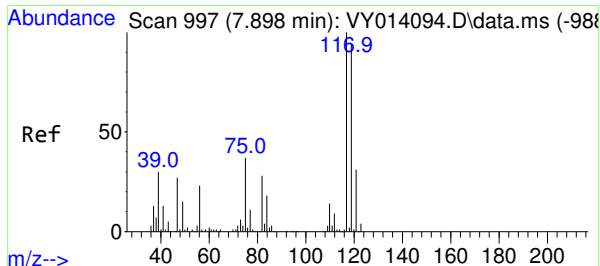
Tgt Ion:113 Resp: 127126
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 22.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.146 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

Tgt Ion: 75 Resp: 16680
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.5#
77 0.2 24.4 36.6#

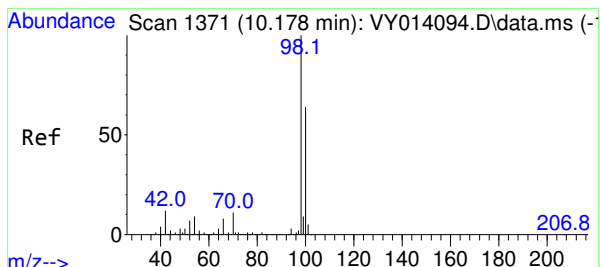
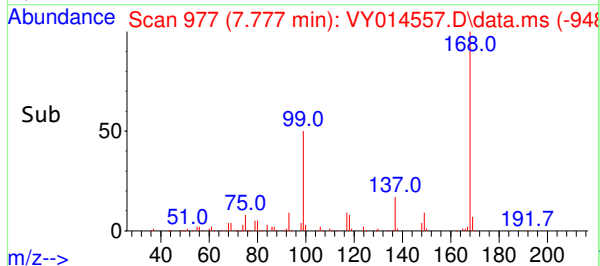
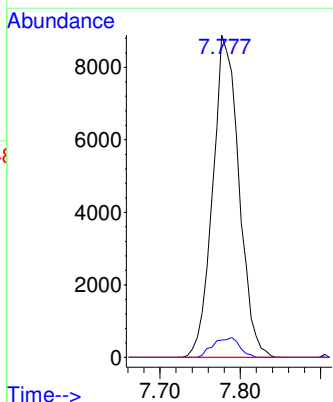
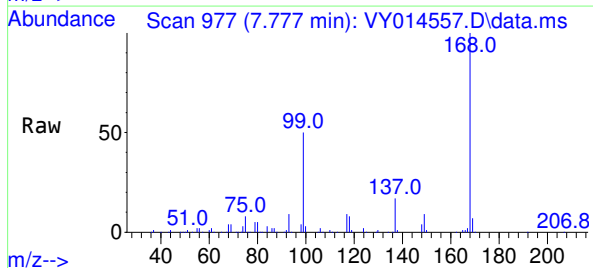




#38
Carbon Tetrachloride
Concen: 5.43 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.121 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

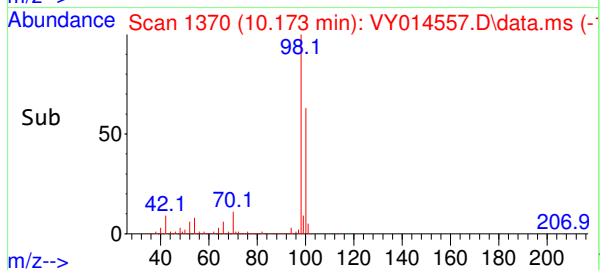
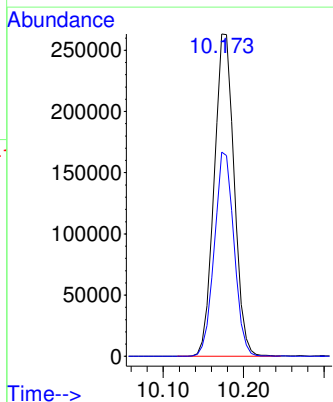
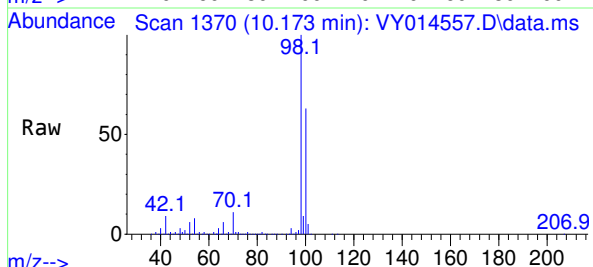
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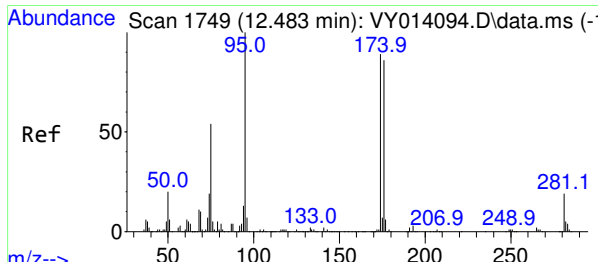
Tgt Ion:117 Resp: 20117
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.61 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

Tgt Ion: 98 Resp: 454702
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1

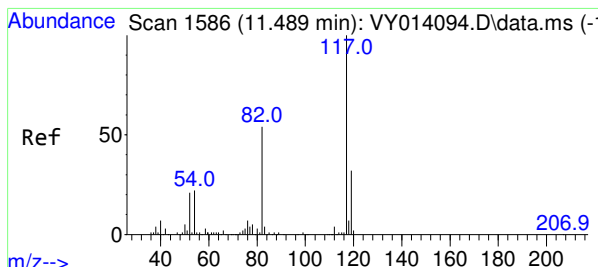
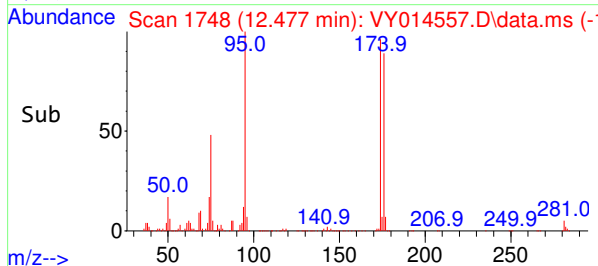
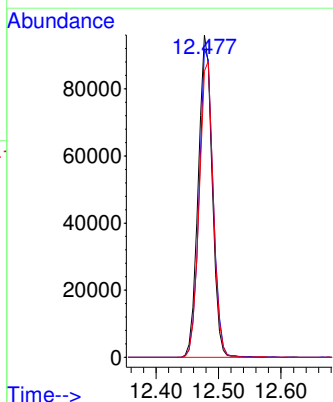
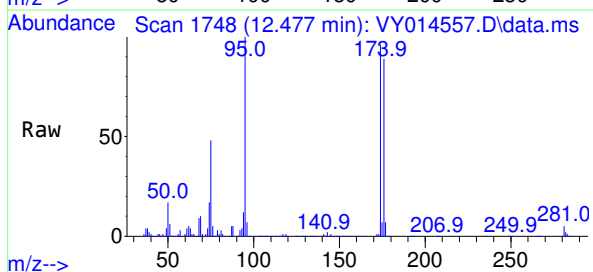




#62
4-Bromofluorobenzene
Concen: 46.86 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

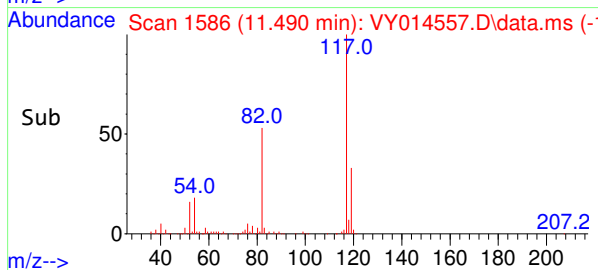
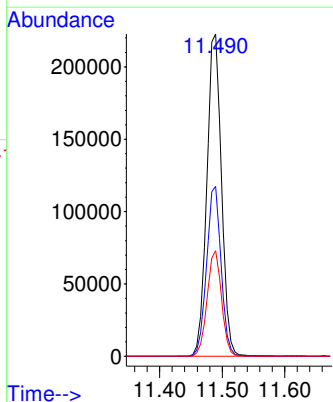
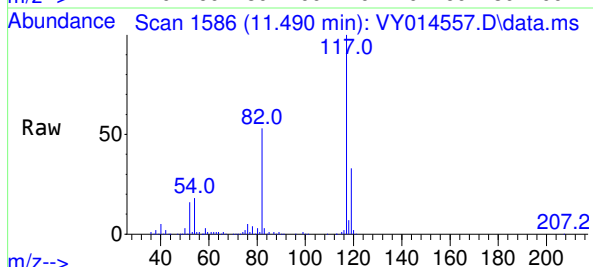
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

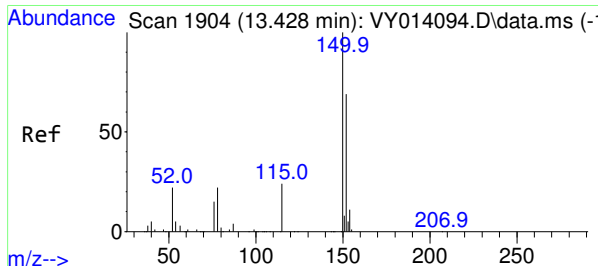
Tgt Ion:	95	Resp:	149143
Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	178.2
176	92.8	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

Tgt Ion:	117	Resp:	365530
Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.4	65.0
119	32.7	26.3	39.5

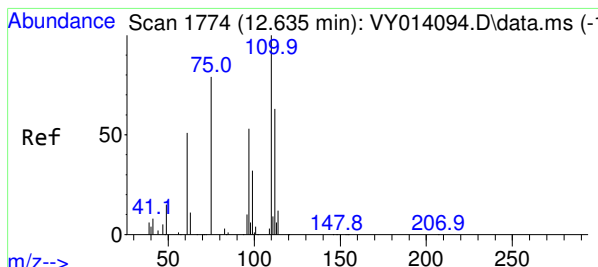
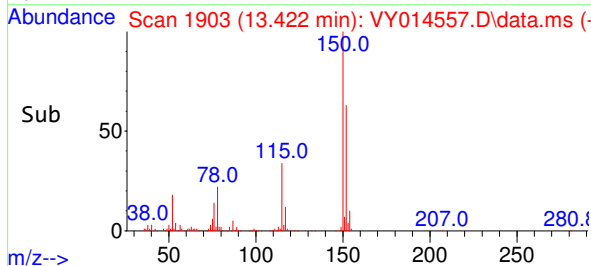
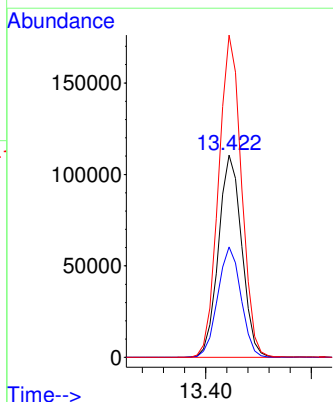
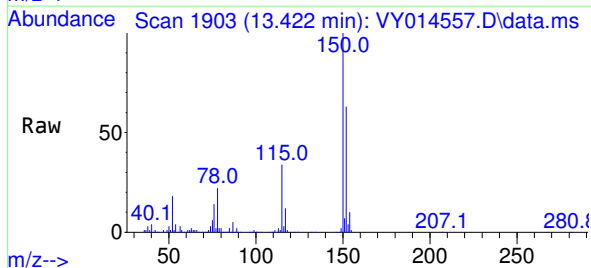




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

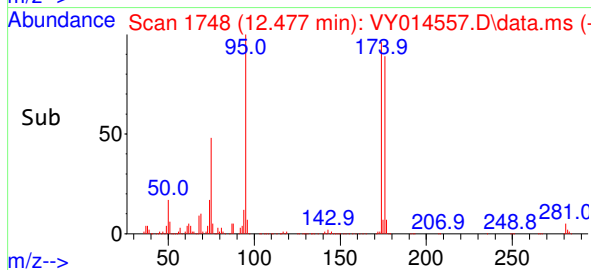
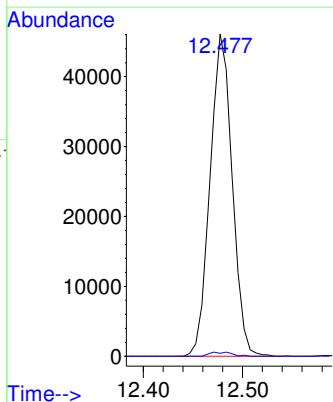
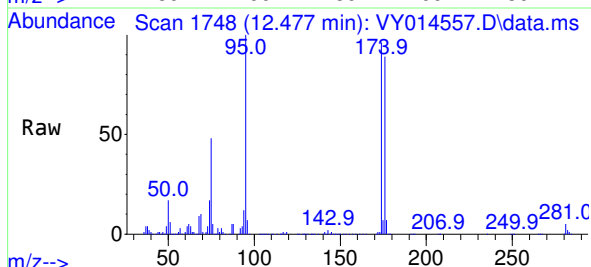
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

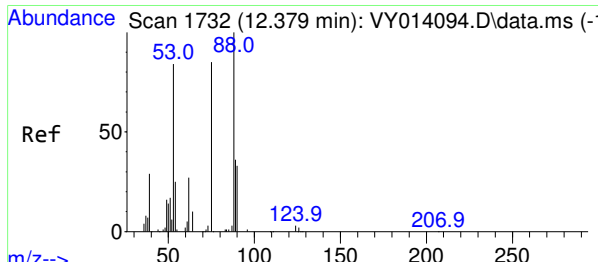
Tgt Ion:152 Resp: 170349
Ion Ratio Lower Upper
152 100
115 54.4 28.8 86.5
150 157.0 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 35.90 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014557.D
Acq: 05 Jul 2023 14:45

Tgt Ion: 75 Resp: 71756
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.87 ug/l
 RT: 12.477 min Scan# 1
 Delta R.T. 0.098 min
 Lab File: VY014557.D
 Acq: 05 Jul 2023 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

Tgt Ion: 75 Resp: 71756
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.0 37.4 56.0#

