

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014338.D
 Acq On : 21 Jun 2023 16:08
 Operator : KP/MD
 Sample : 03337-16
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15

Quant Time: Jun 22 01:57:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

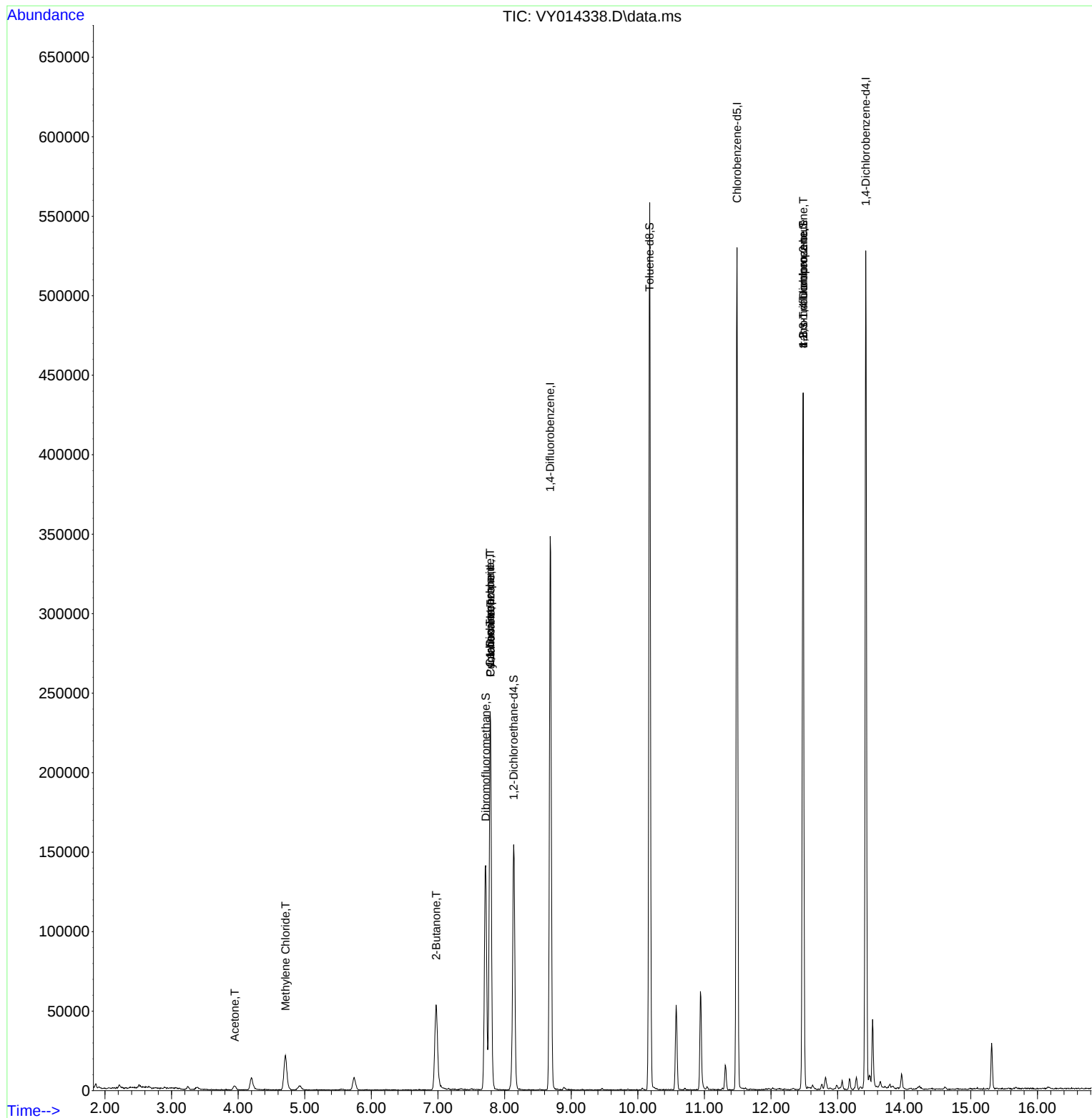
Internal Standards						
1) Pentafluorobenzene	7.789	168	185549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124944	48.357	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.720%		
35) Dibromofluoromethane	7.715	113	96910	46.496	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.000%		
50) Toluene-d8	10.178	98	354508	45.495	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.980%		
62) 4-Bromofluorobenzene	12.483	95	115454	41.709	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.420%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.935	59	3174	Below Cal	#	89
13) Acrolein	3.741	56	23	Below Cal	#	14
16) Acetone	3.948	43	4995	6.413	ug/l #	89
20) Methylene Chloride	4.710	84	15841	3.001	ug/l	96
25) 2-Butanone	6.972	43	3612	3.768	ug/l #	80
31) Cyclohexane	7.789	56	4065	1.174	ug/l #	42
36) 1,1-Dichloropropene	7.783	75	14092	4.337	ug/l #	49
38) Carbon Tetrachloride	7.783	117	18188	4.850	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	62732	35.870	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62732	77.537	ug/l #	11

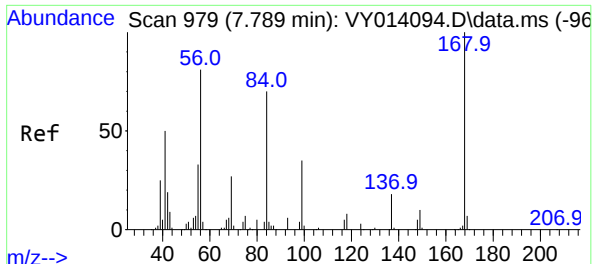
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

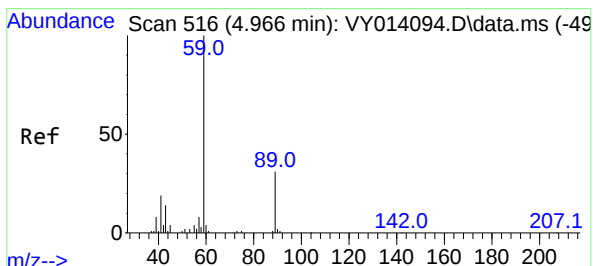
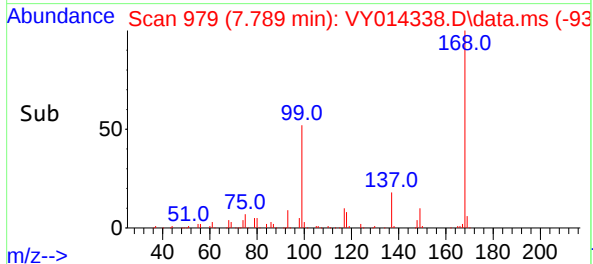
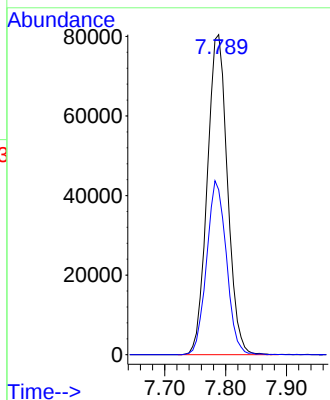
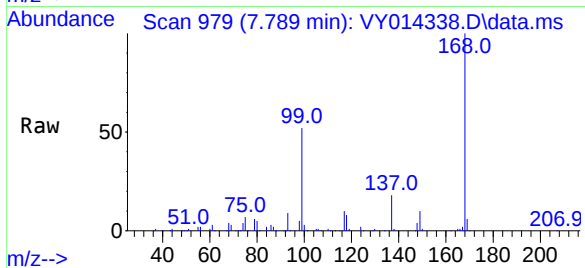




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

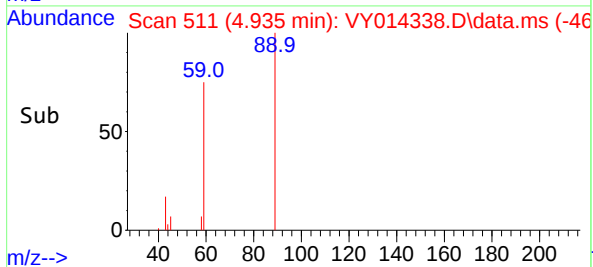
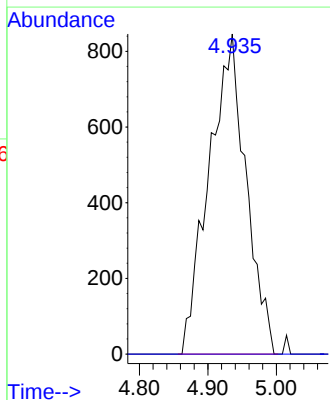
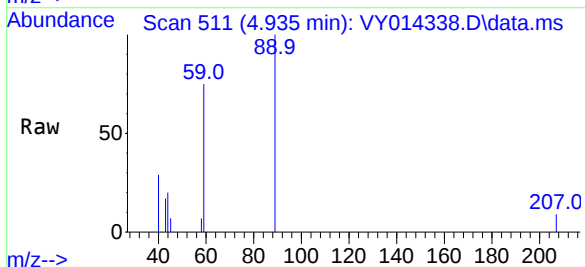
Instrument :
MSVOA_Y
ClientSampleId :
WC-15

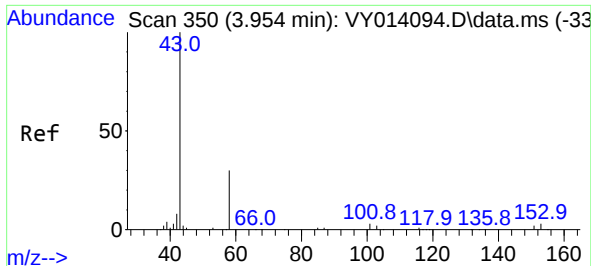
Tgt Ion:168 Resp: 185549
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.935 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

Tgt Ion: 59 Resp: 3174
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

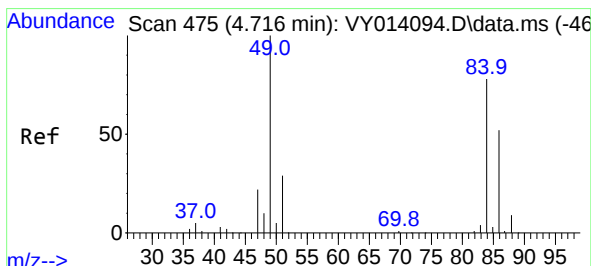
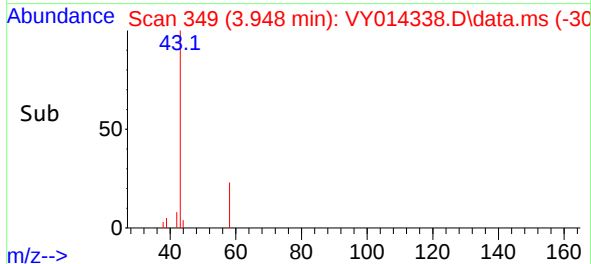
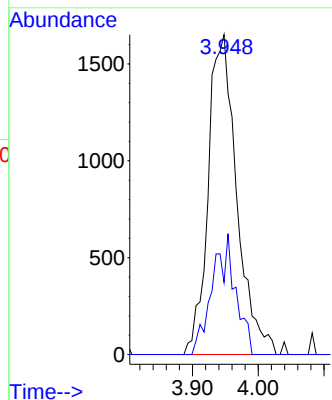
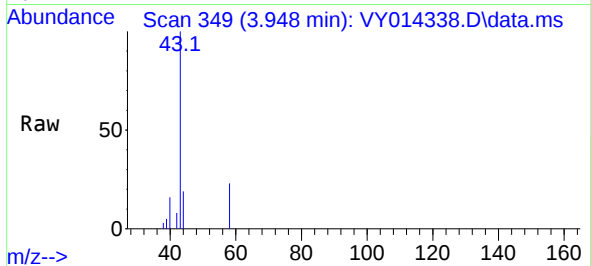




#16
Acetone
Concen: 6.413 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

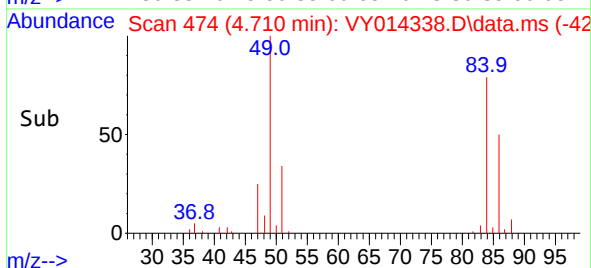
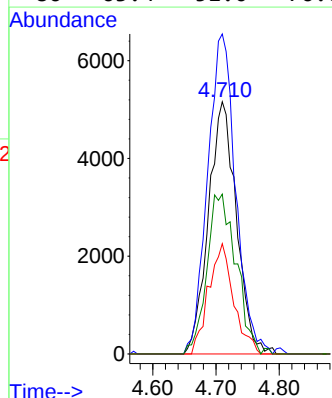
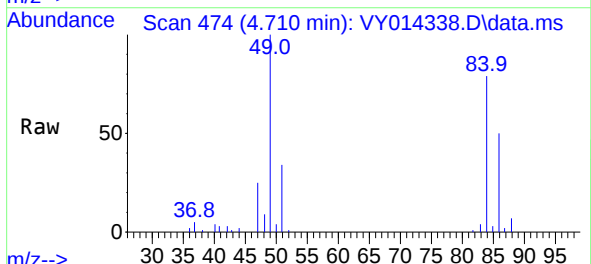
Instrument :
MSVOA_Y
ClientSampleId :
WC-15

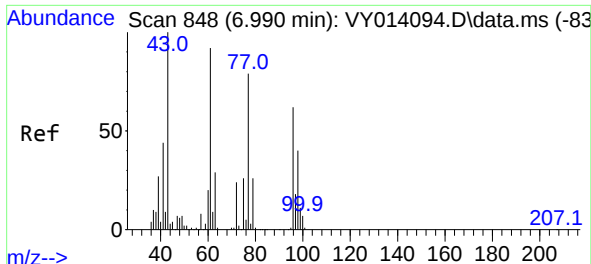
Tgt Ion: 43 Resp: 4995
Ion Ratio Lower Upper
43 100
58 22.6 22.7 34.1#



#20
Methylene Chloride
Concen: 3.001 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

Tgt Ion: 84 Resp: 15841
Ion Ratio Lower Upper
84 100
49 126.9 106.9 160.3
51 43.7 33.2 49.8
86 63.4 51.0 76.6

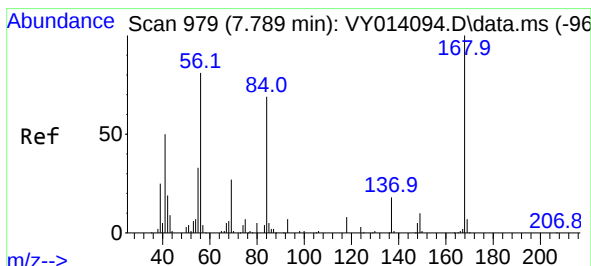
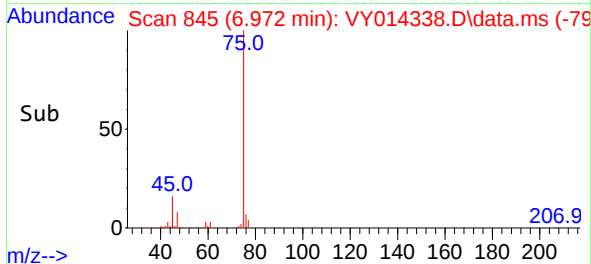
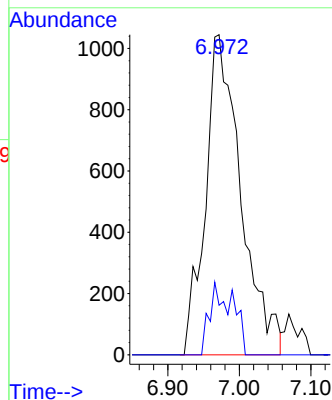
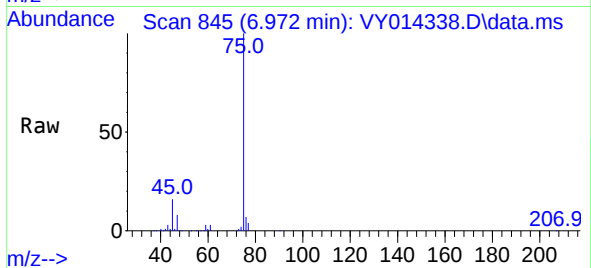




#25
2-Butanone
Concen: 3.768 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

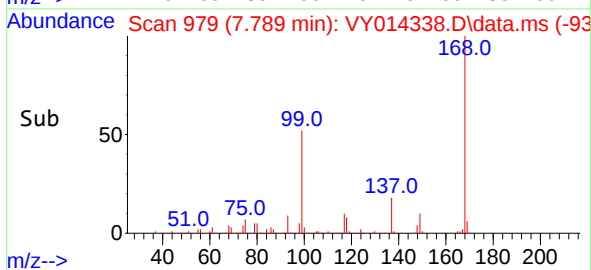
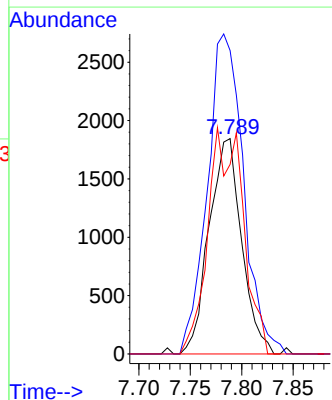
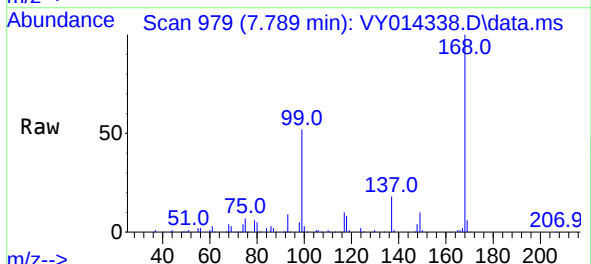
Instrument :
MSVOA_Y
ClientSampleId :
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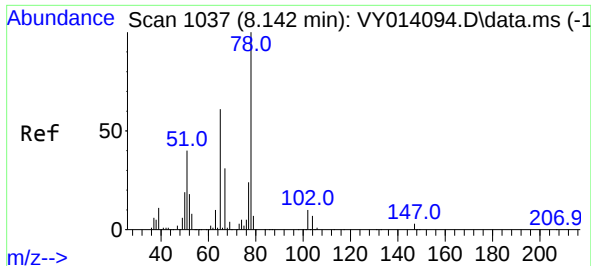
Tgt Ion: 43 Resp: 3612
Ion Ratio Lower Upper
43 100
72 15.5 20.5 30.7#



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

Tgt Ion: 56 Resp: 4065
Ion Ratio Lower Upper
56 100
69 140.9 27.8 41.6#
84 88.1 66.4 99.6

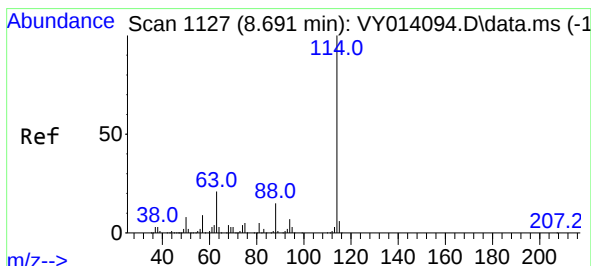
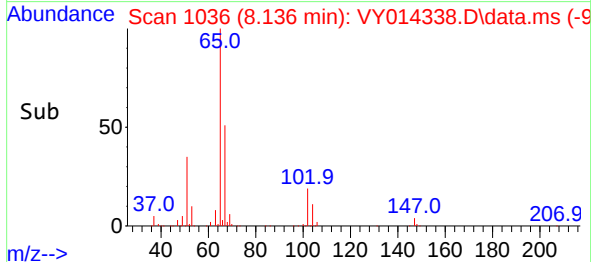
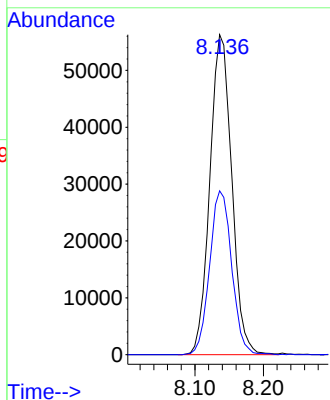
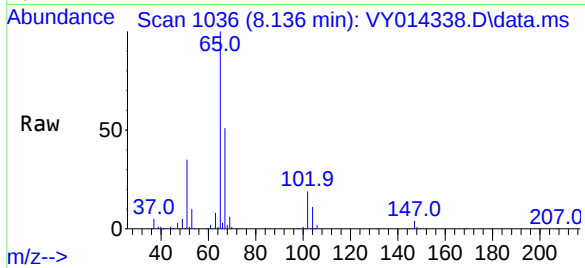




#33
 1,2-Dichloroethane-d4
 Concen: 48.357 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY014338.D
 Acq: 21 Jun 2023 16:08

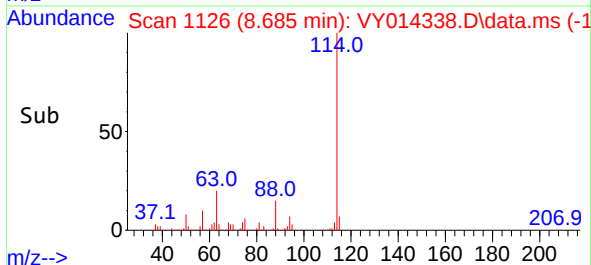
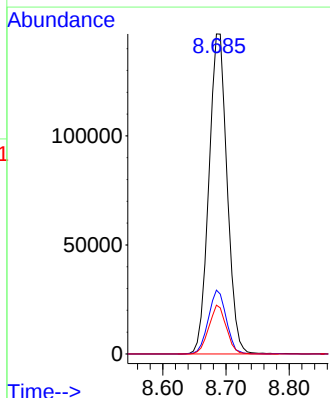
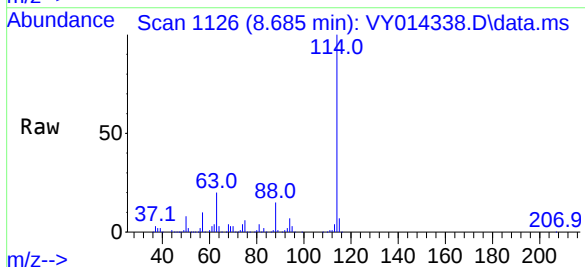
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15

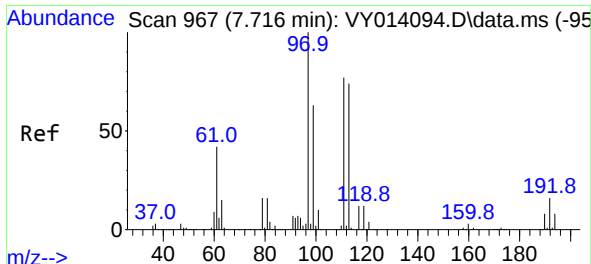
Tgt Ion: 65 Resp: 124944
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014338.D
 Acq: 21 Jun 2023 16:08

Tgt Ion: 114 Resp: 293902
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 15.2 0.0 30.6

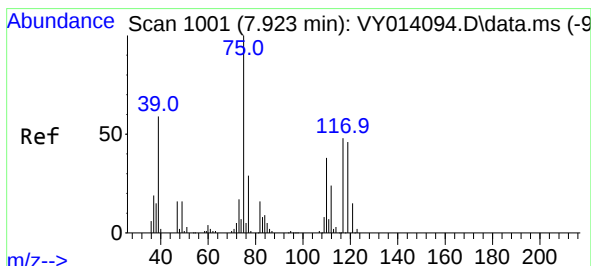
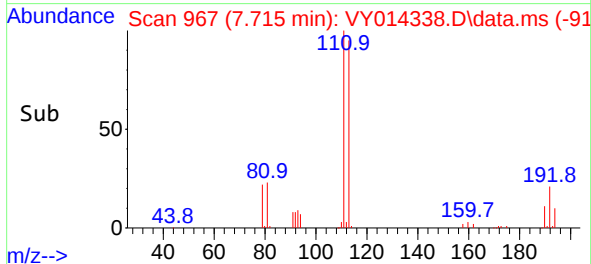
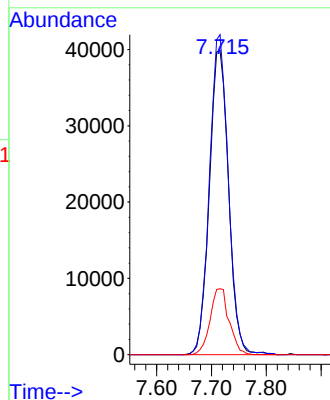
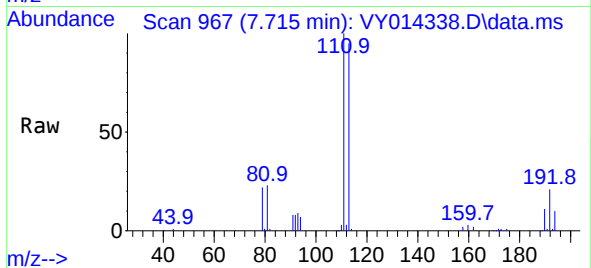




#35
Dibromofluoromethane
Concen: 46.496 ug/l
RT: 7.715 min Scan# 910
Delta R.T. -0.001 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

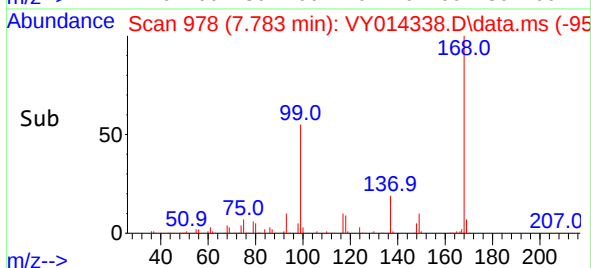
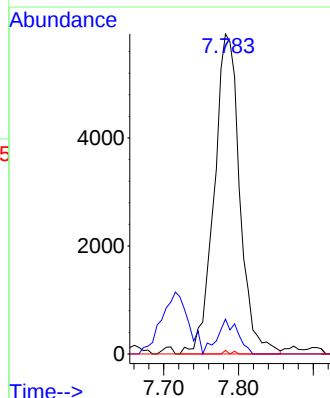
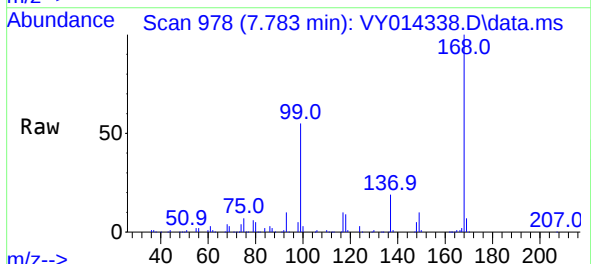
Instrument :
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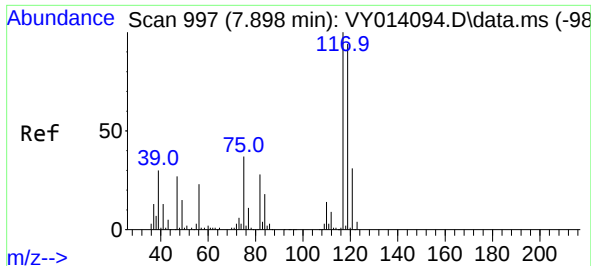
Tgt Ion:113 Resp: 96910
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 21.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.337 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

Tgt Ion: 75 Resp: 14092
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.5#
77 0.3 24.4 36.6#

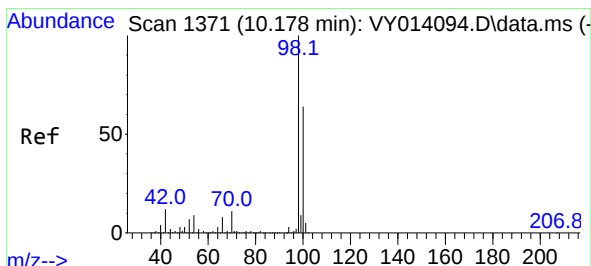
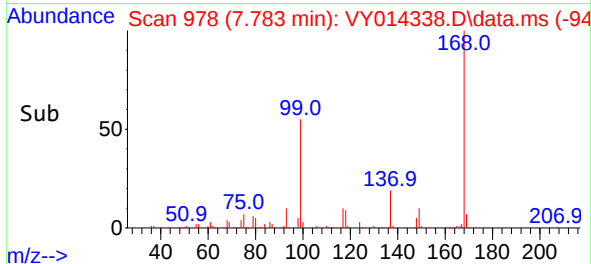
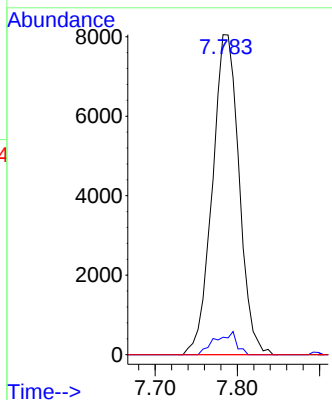
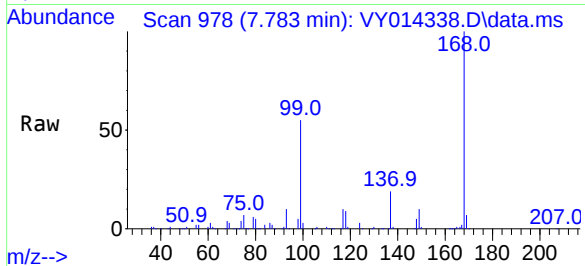




#38
Carbon Tetrachloride
Concen: 4.850 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

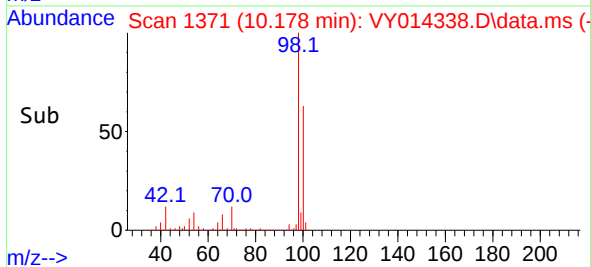
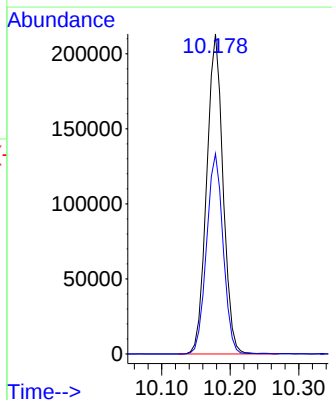
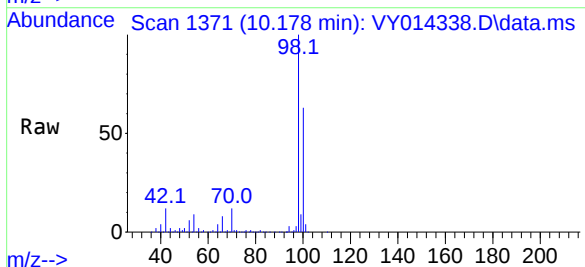
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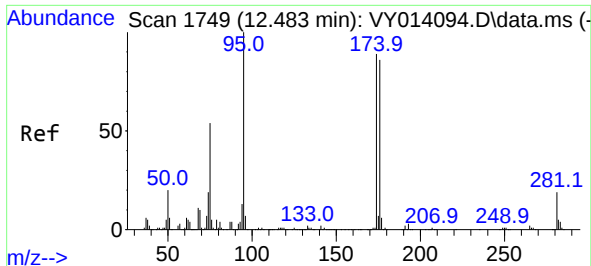
Tgt Ion:117 Resp: 18188
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.495 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

Tgt Ion: 98 Resp: 354508
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1

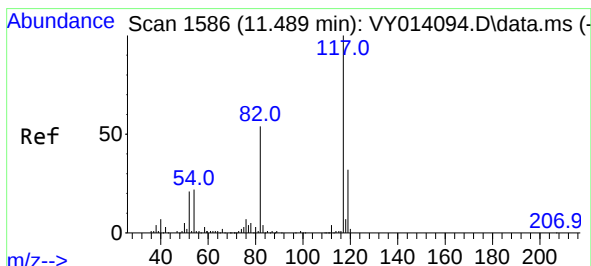
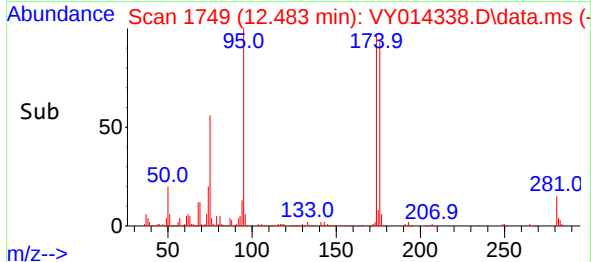
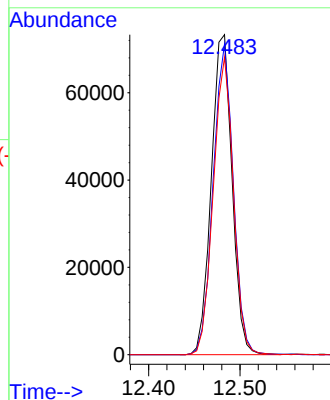
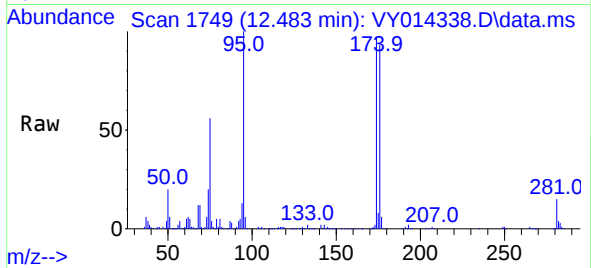




#62
4-Bromofluorobenzene
Concen: 41.709 ug/l
RT: 12.483 min Scan# 115454
Delta R.T. -0.000 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

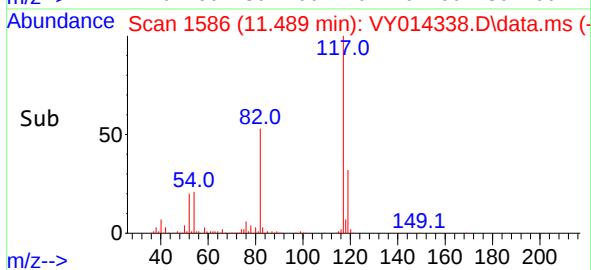
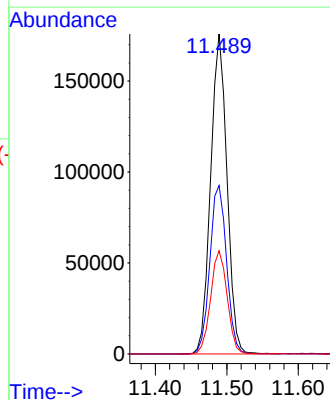
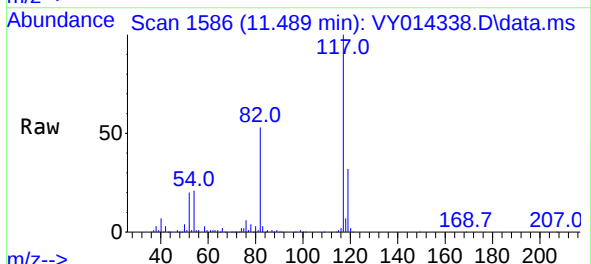
Instrument :
MSVOA_Y
ClientSampleId :
WC-15

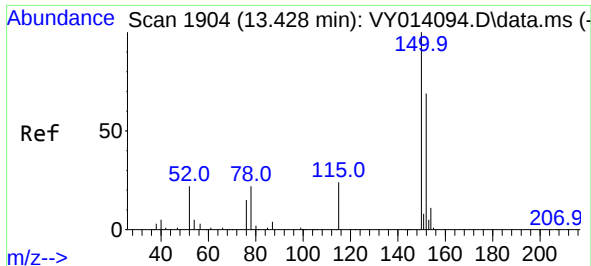
Tgt Ion:	95	Resp:	115454
Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	178.2
176	90.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

Tgt Ion:	117	Resp:	278932
Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.4	65.0
119	32.3	26.3	39.5

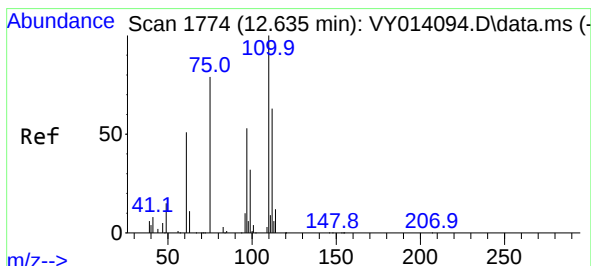
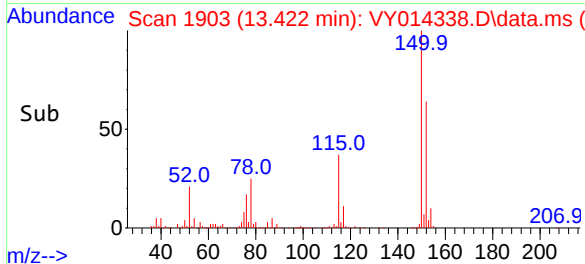
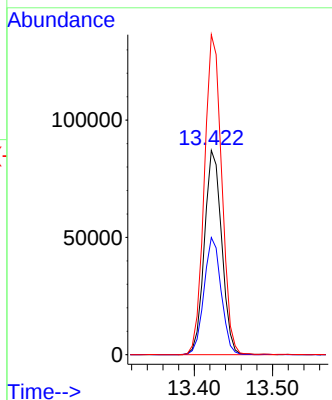
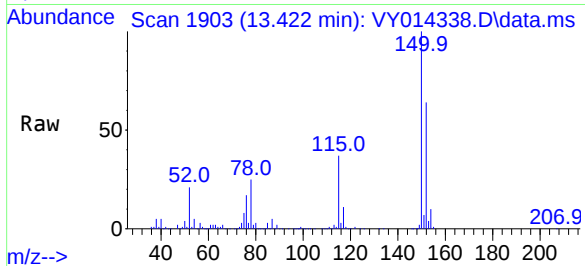




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014338.D
 Acq: 21 Jun 2023 16:08

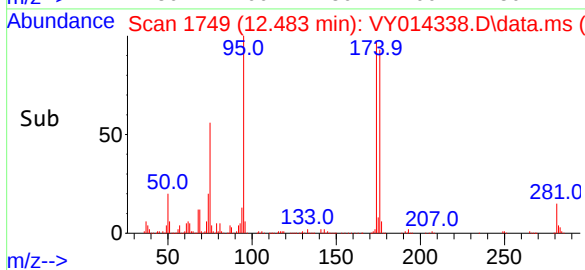
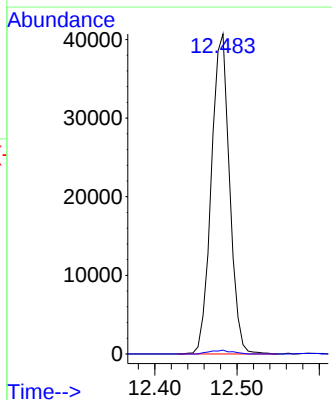
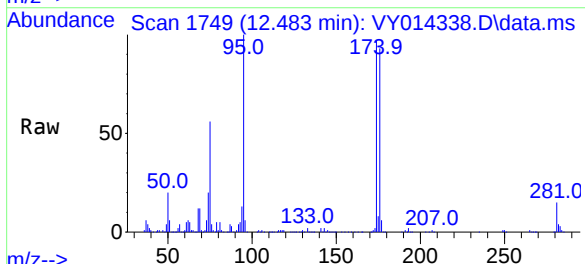
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15

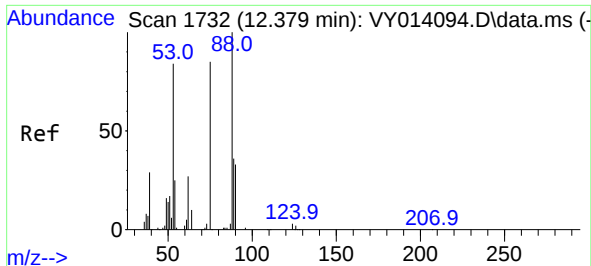
Tgt Ion:152 Resp: 133301
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.8 86.5
 150 157.4 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 35.870 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY014338.D
 Acq: 21 Jun 2023 16:08

Tgt Ion: 75 Resp: 62732
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.537 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014338.D
 Acq: 21 Jun 2023 16:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15

Tgt Ion: 75 Resp: 62732
 Ion Ratio Lower Upper
 75 100
 53 0.4 77.8 116.8#
 89 0.1 37.4 56.0#

