

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014494.D
 Acq On : 29 Jun 2023 14:28
 Operator : KP/MD
 Sample : 03434-03RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 350RE

Quant Time: Jun 30 04:08:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	62678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	80047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	72366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	35091	45.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.180%
35) Dibromofluoromethane	7.703	113	23846	48.218	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.179	98	91572	46.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.477	95	25952	36.978	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.960%

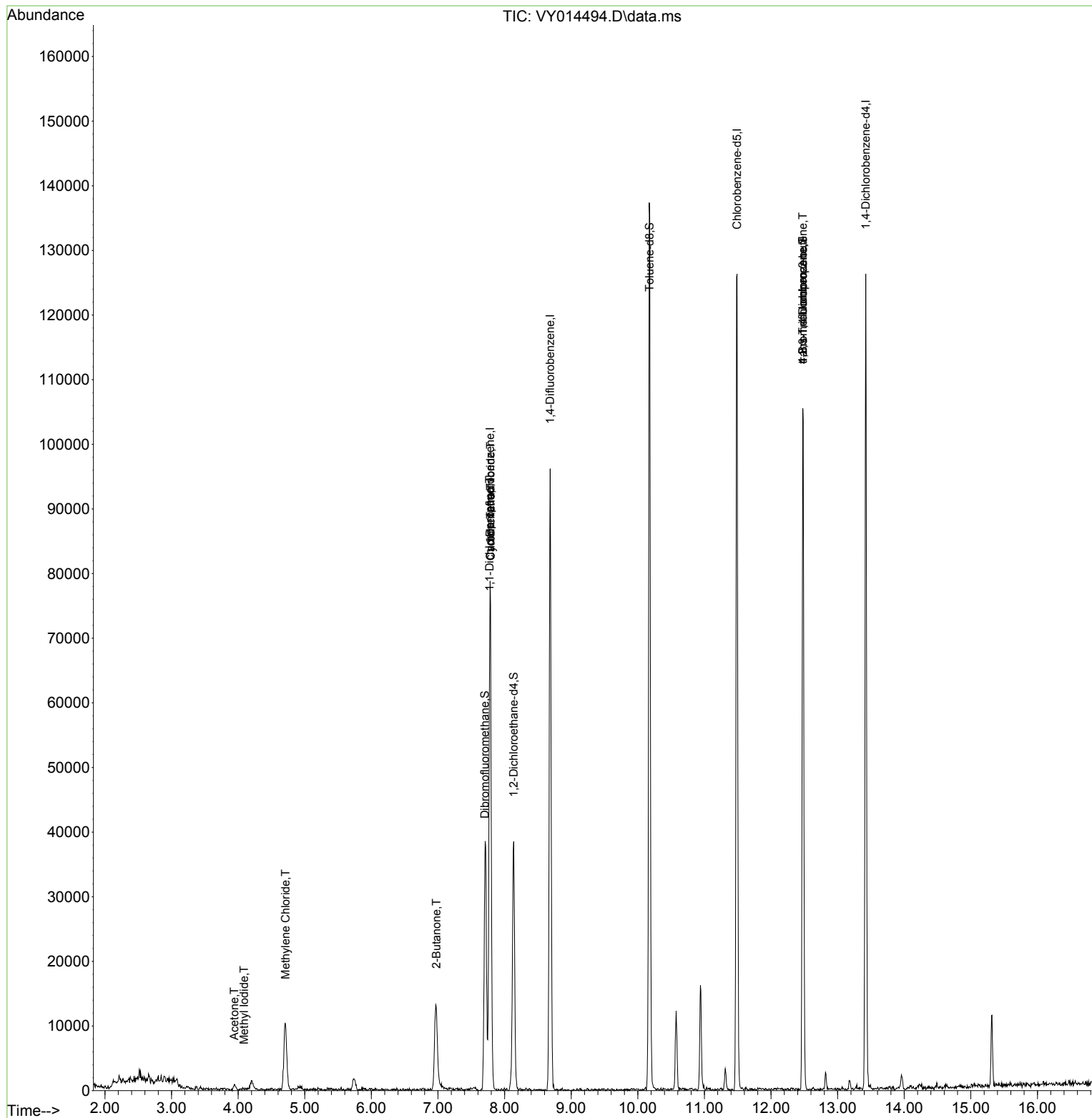
Target Compounds					Qvalue	
10) Methyl Iodide	4.088	142	52	2.939	ug/l #	5
11) Tert butyl alcohol	4.930	59	565	Below Cal	#	89
16) Acetone	3.942	43	1214	4.958	ug/l #	66
20) Methylene Chloride	4.710	84	7723	6.034	ug/l #	79
25) 2-Butanone	6.978	43	741	2.430	ug/l #	49
31) Cyclohexane	7.789	56	1332	1.386	ug/l #	32
36) 1,1-Dichloropropene	7.777	75	4353	5.712	ug/l #	52
38) Carbon Tetrachloride	7.789	117	6138	6.400	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	15536	37.232	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	15536	84.766	ug/l #	10

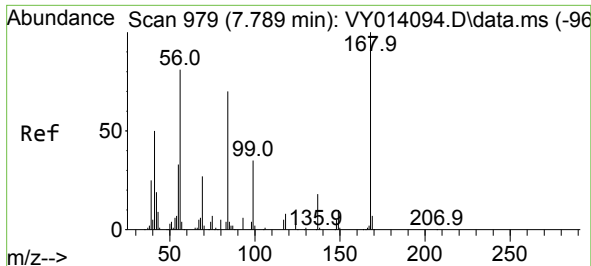
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

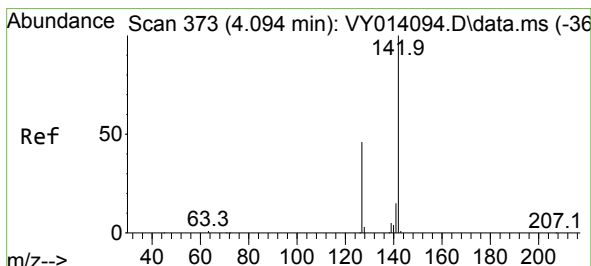
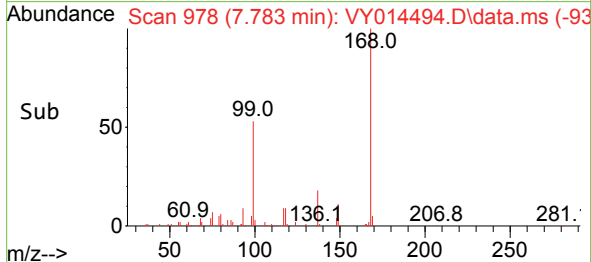
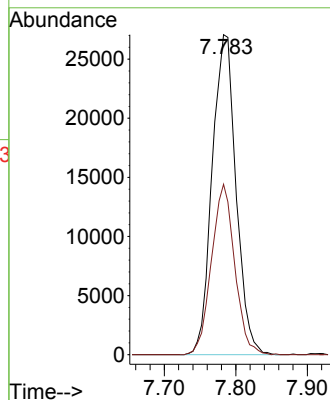
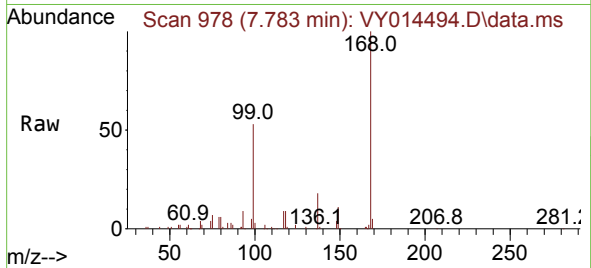




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

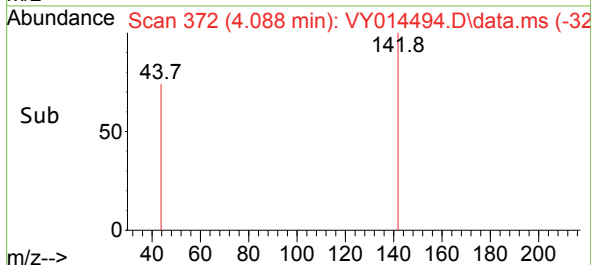
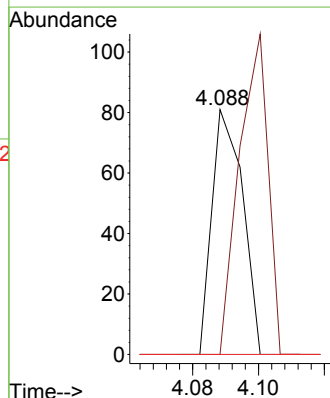
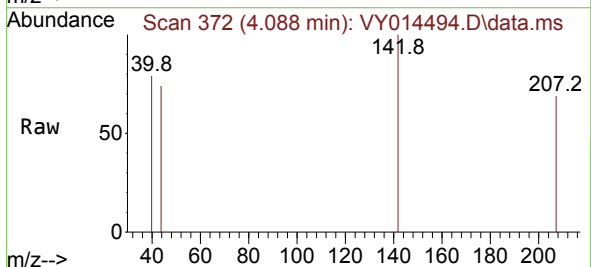
Instrument :
MSVOA_Y
ClientSampleId :
350RE

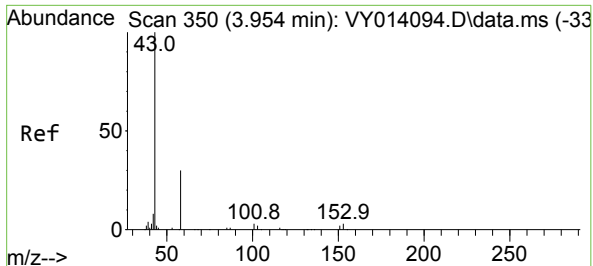
Tgt Ion:168 Resp: 62678
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#10
Methyl Iodide
Concen: 2.939 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

Tgt Ion:142 Resp: 52
Ion Ratio Lower Upper
142 100
127 123.1 37.6 56.4#
141 0.0 11.8 17.8#

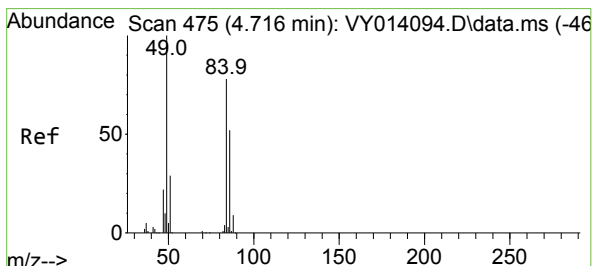
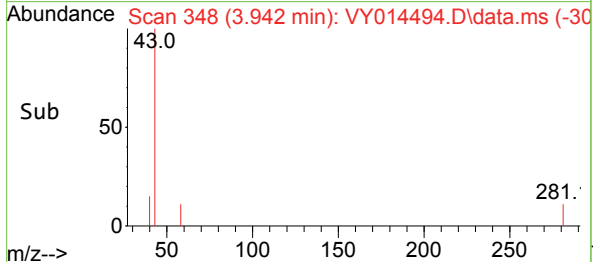
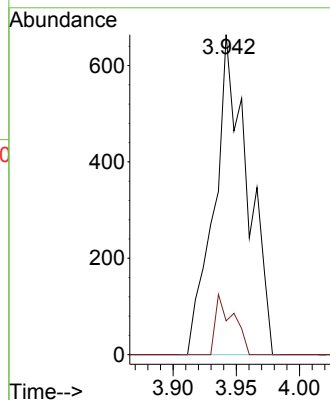
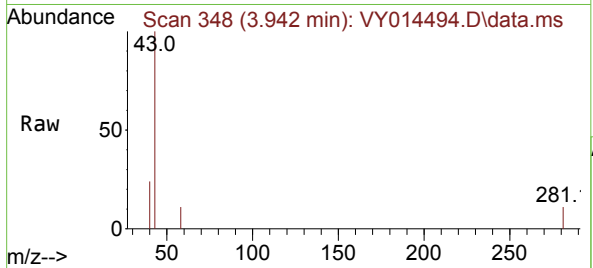




#16
Acetone
Concen: 4.958 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

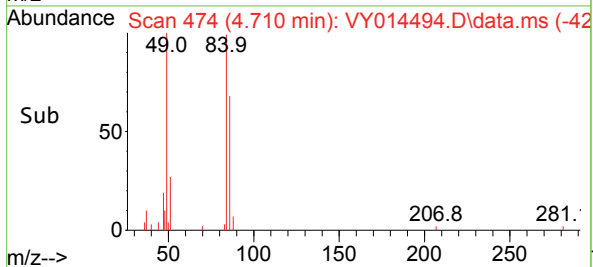
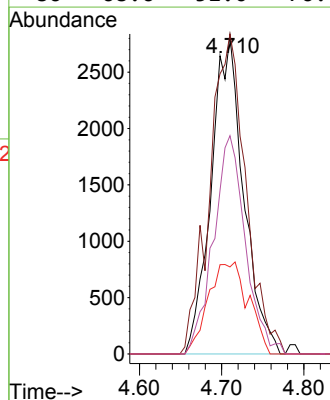
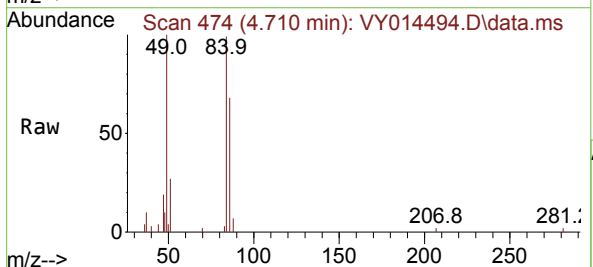
Instrument :
MSVOA_Y
ClientSampleId :
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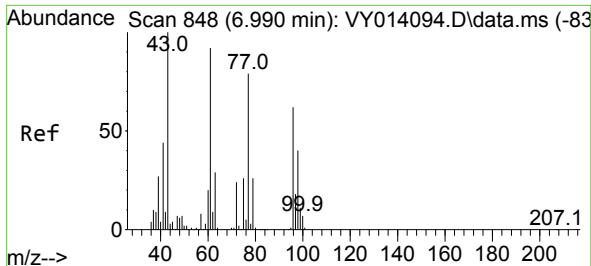
Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
58 10.5 22.7 34.1#



#20
Methylene Chloride
Concen: 6.034 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

Tgt Ion: 84 Resp: 7723
Ion Ratio Lower Upper
84 100
49 100.6 106.9 160.3#
51 27.3 33.2 49.8#
86 68.6 51.0 76.6

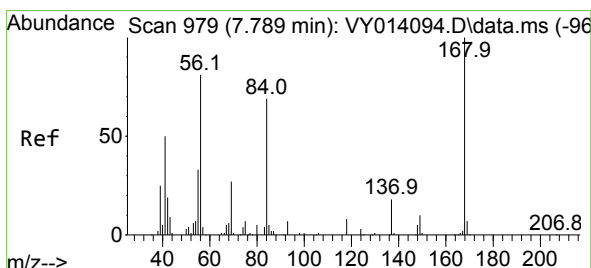
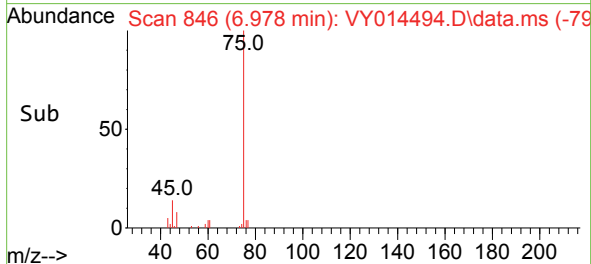
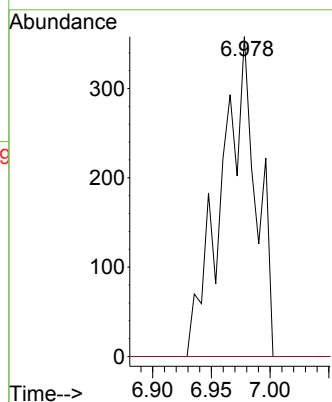
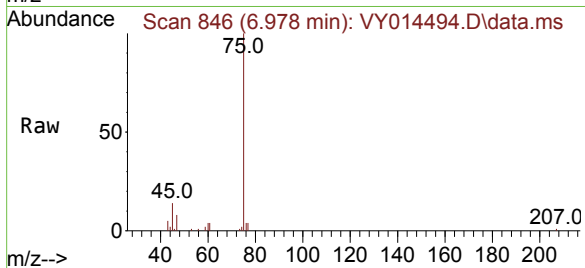




#25
2-Butanone
Concen: 2.430 ug/l
RT: 6.978 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

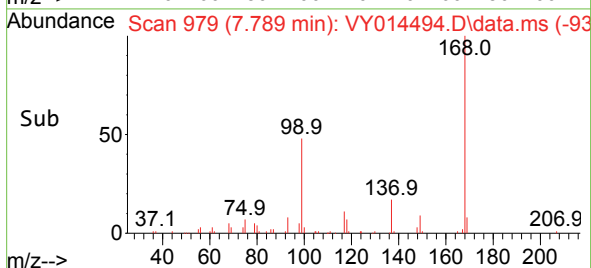
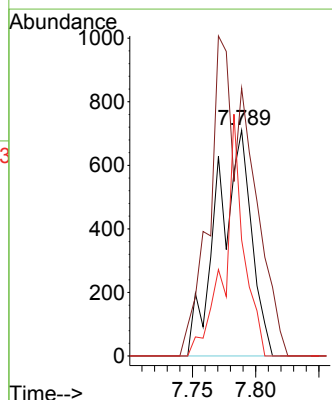
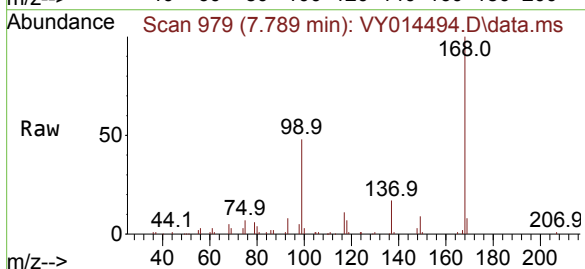
Instrument :
MSVOA_Y
ClientSampleId :
350RE

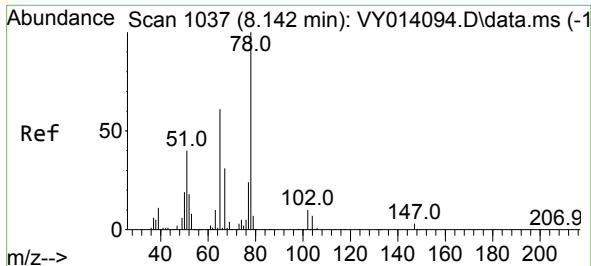
Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.386 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

Tgt Ion: 56 Resp: 1332
Ion Ratio Lower Upper
56 100
69 118.7 27.8 41.6#
84 51.4 66.4 99.6#

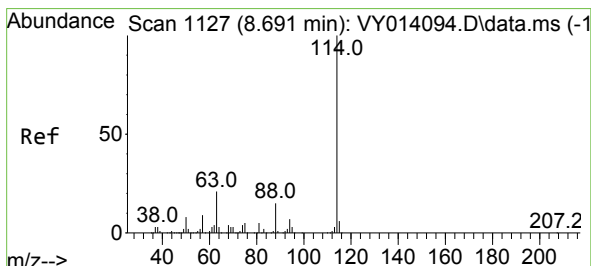
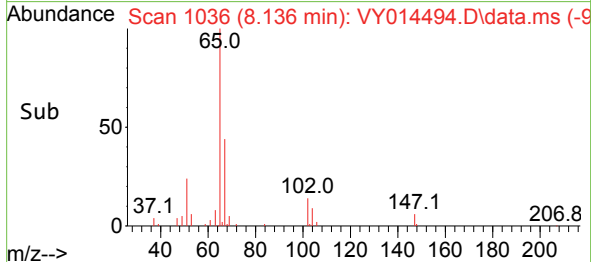
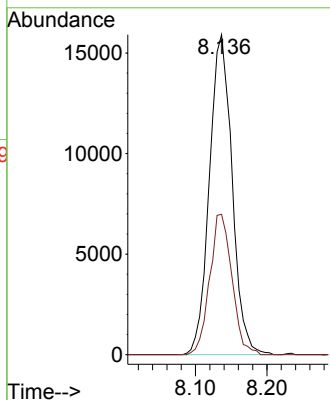
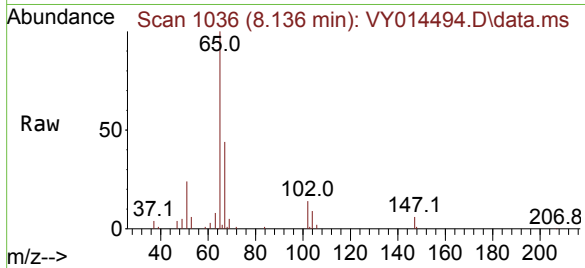




#33
 1,2-Dichloroethane-d4
 Concen: 45.092 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY014494.D
 Acq: 29 Jun 2023 14:28

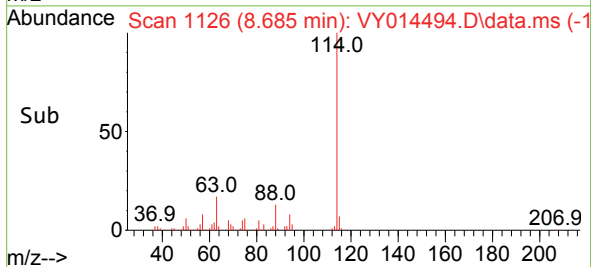
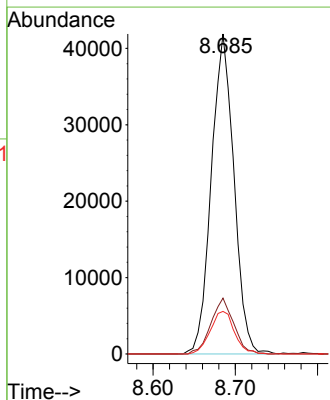
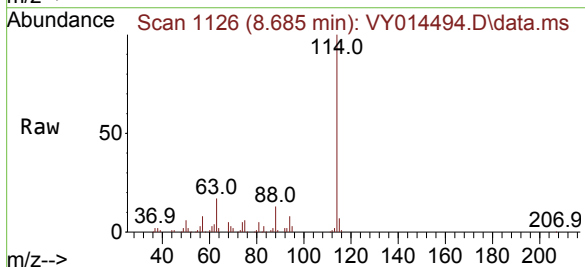
Instrument :
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 ClientSampleId :
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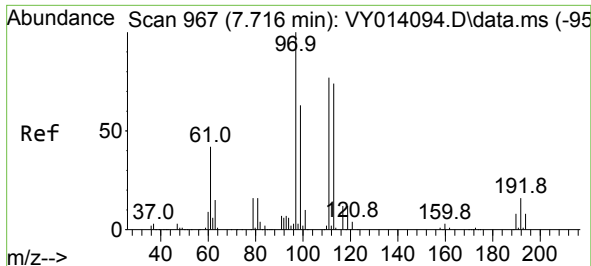
Tgt Ion: 65 Resp: 35091
 Ion Ratio Lower Upper
 65 100
 67 43.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014494.D
 Acq: 29 Jun 2023 14:28

Tgt Ion: 114 Resp: 80047
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.4
 88 13.3 0.0 30.6

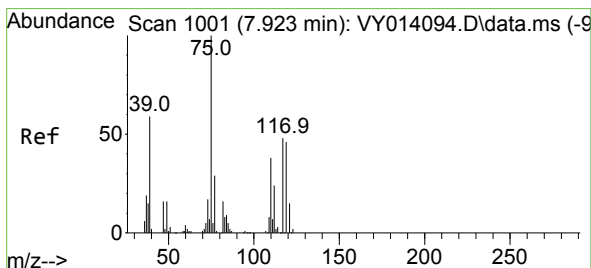
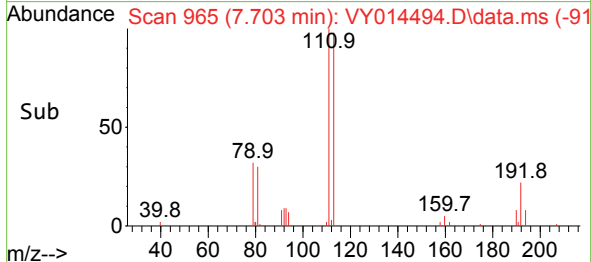
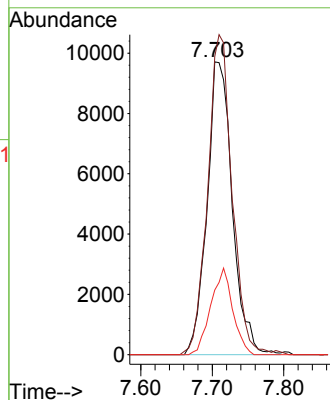
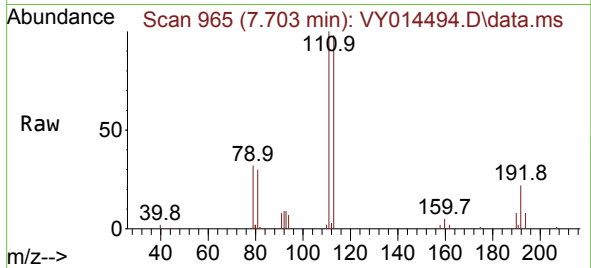




#35
Dibromofluoromethane
Concen: 48.218 ug/l
RT: 7.703 min Scan# 911
Delta R.T. -0.013 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

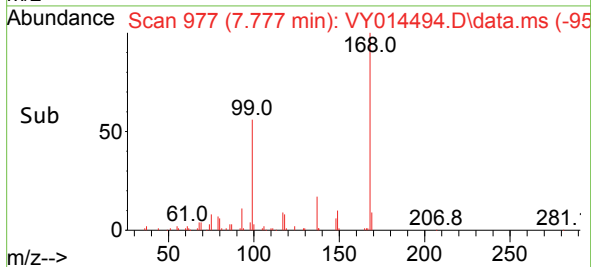
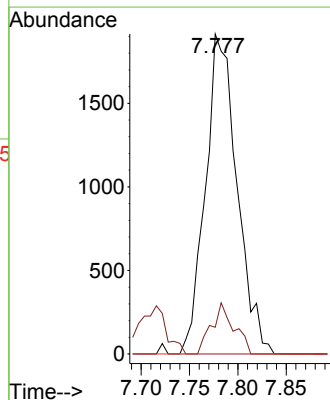
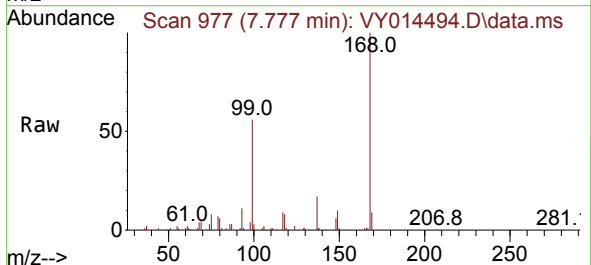
Instrument :
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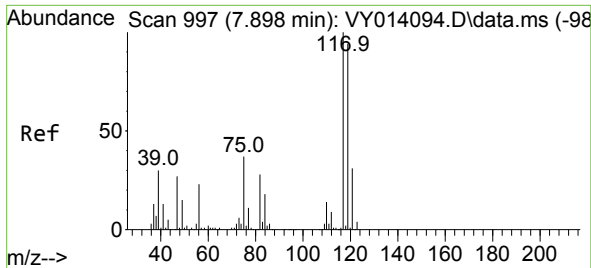
Tgt Ion:113 Resp: 23846
Ion Ratio Lower Upper
113 100
111 105.6 81.3 121.9
192 25.7 16.9 25.3#



#36
1,1-Dichloropropene
Concen: 5.712 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.146 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

Tgt Ion: 75 Resp: 4353
Ion Ratio Lower Upper
75 100
110 11.4 17.8 53.5#
77 0.0 24.4 36.6#

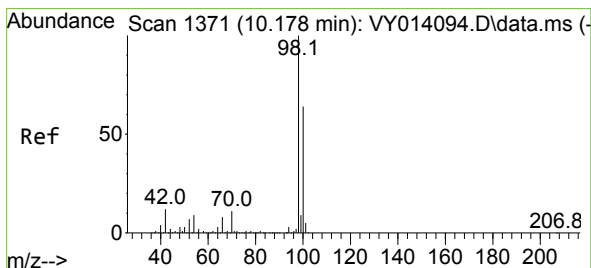
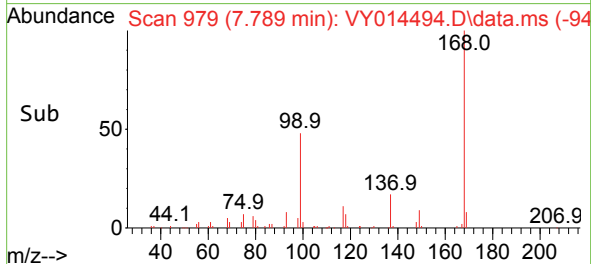
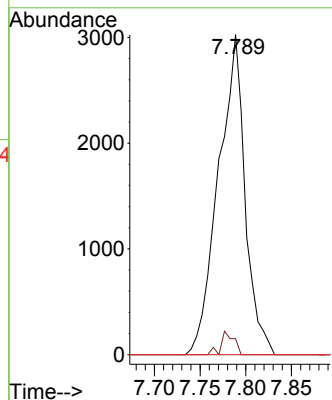
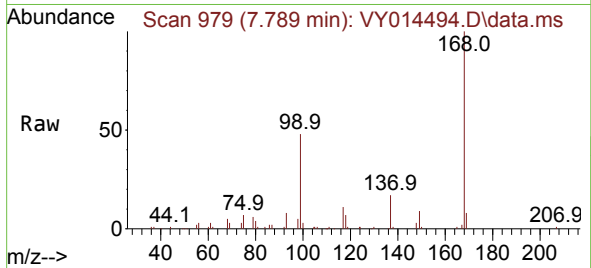




#38
Carbon Tetrachloride
Concen: 6.400 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

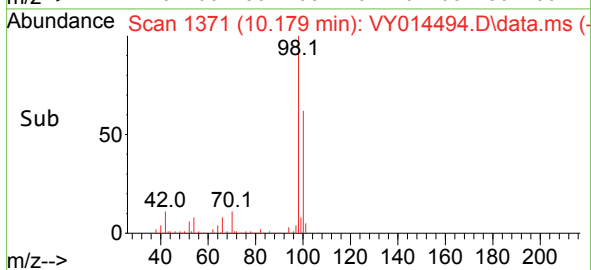
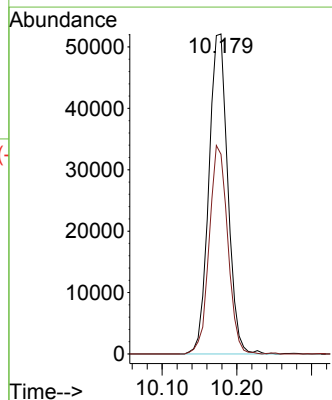
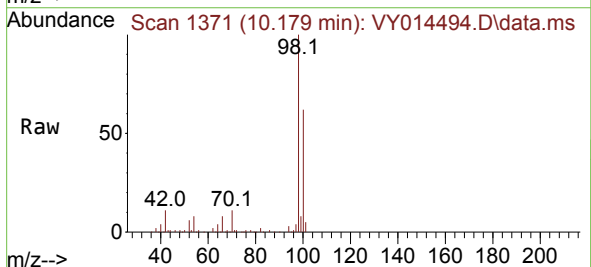
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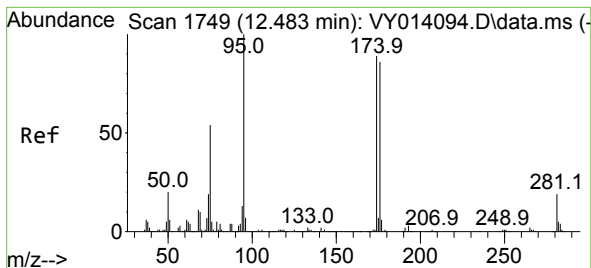
Tgt Ion:117 Resp: 6138
Ion Ratio Lower Upper
117 100
119 5.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.581 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

Tgt Ion: 98 Resp: 91572
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1

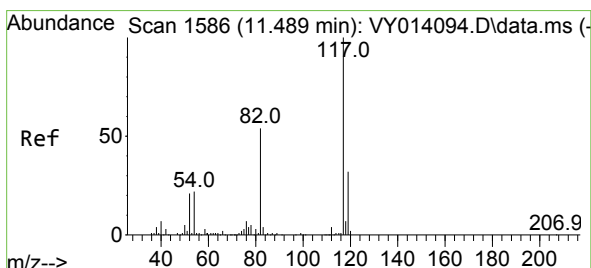
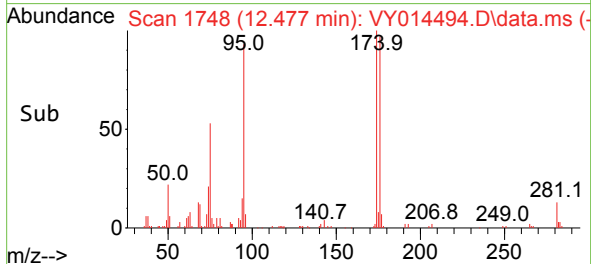
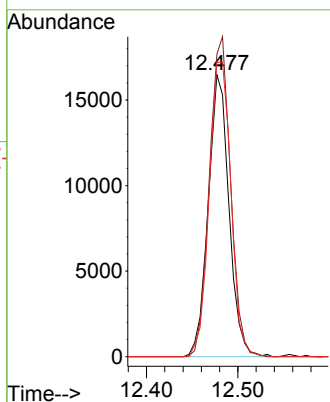
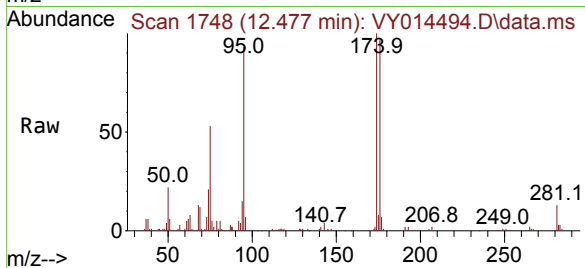




#62
4-Bromofluorobenzene
Concen: 36.978 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

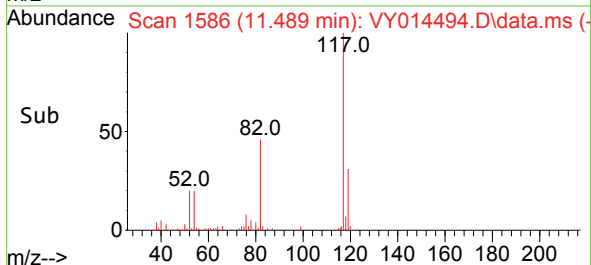
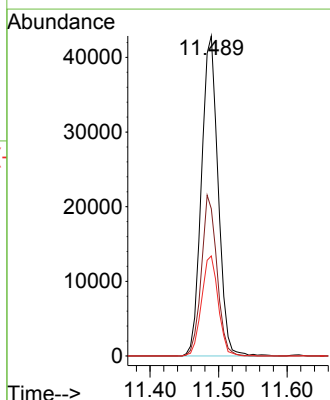
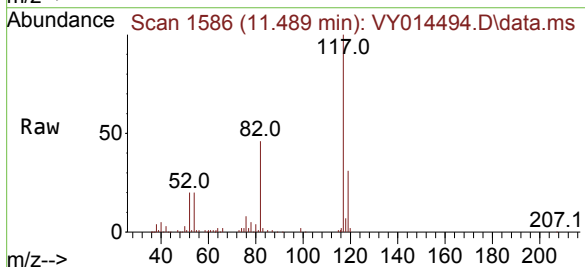
Instrument :
MSVOA_Y
ClientSampleId :
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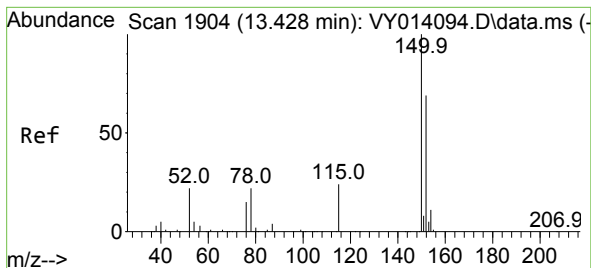
Tgt Ion: 95 Resp: 25952
Ion Ratio Lower Upper
95 100
174 115.6 0.0 178.2
176 109.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

Tgt Ion: 117 Resp: 72366
Ion Ratio Lower Upper
117 100
82 46.0 43.4 65.0
119 31.3 26.3 39.5

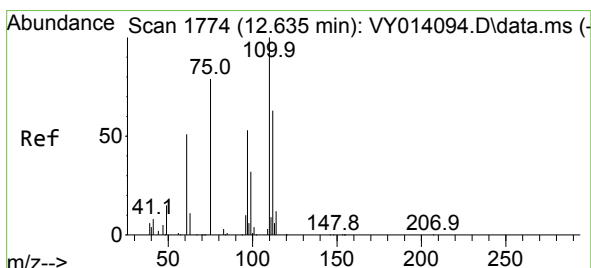
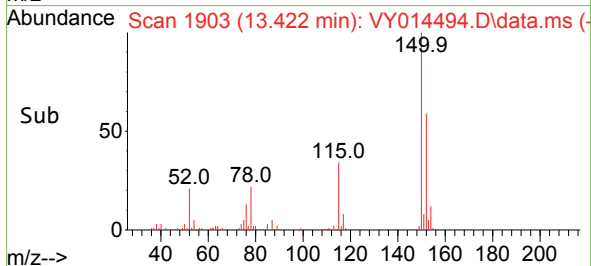
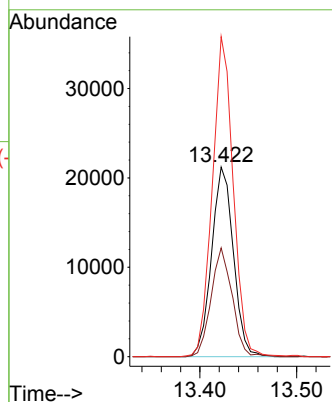
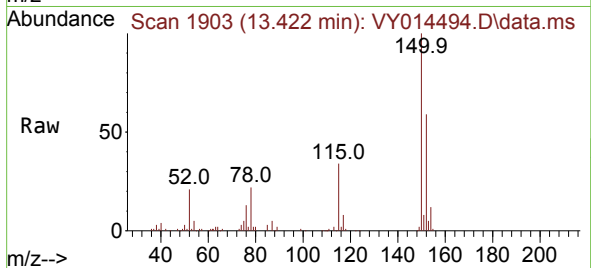




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014494.D
 Acq: 29 Jun 2023 14:28

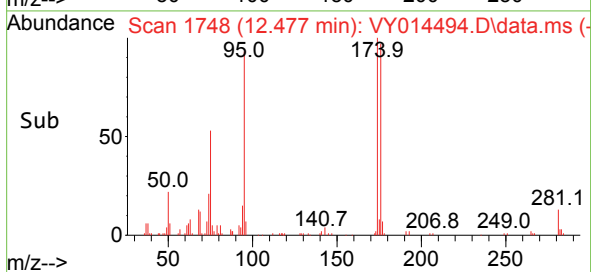
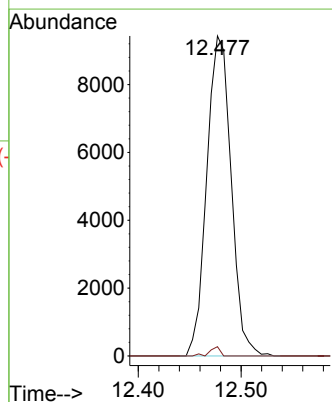
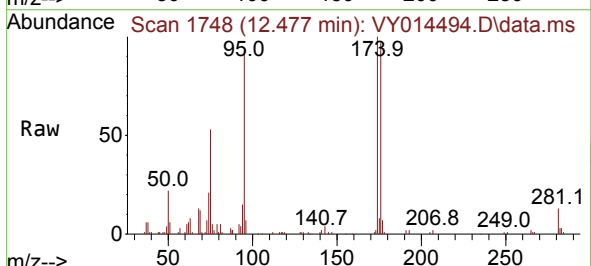
Instrument :
 MSVOA_Y
 ClientSampleId :
 350RE

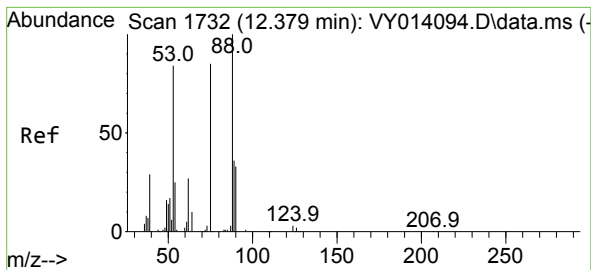
Tgt Ion:152 Resp: 33264
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.8 86.5
 150 161.6 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.232 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014494.D
 Acq: 29 Jun 2023 14:28

Tgt Ion: 75 Resp: 15536
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.766 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014494.D
 Acq: 29 Jun 2023 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 350RE

Tgt Ion: 75 Resp: 15536
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

