

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014485.D
 Acq On : 28 Jun 2023 16:56
 Operator : KP/MD
 Sample : 03415-08RE
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ESII-TP1RE

Quant Time: Jun 29 02:19:44 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)

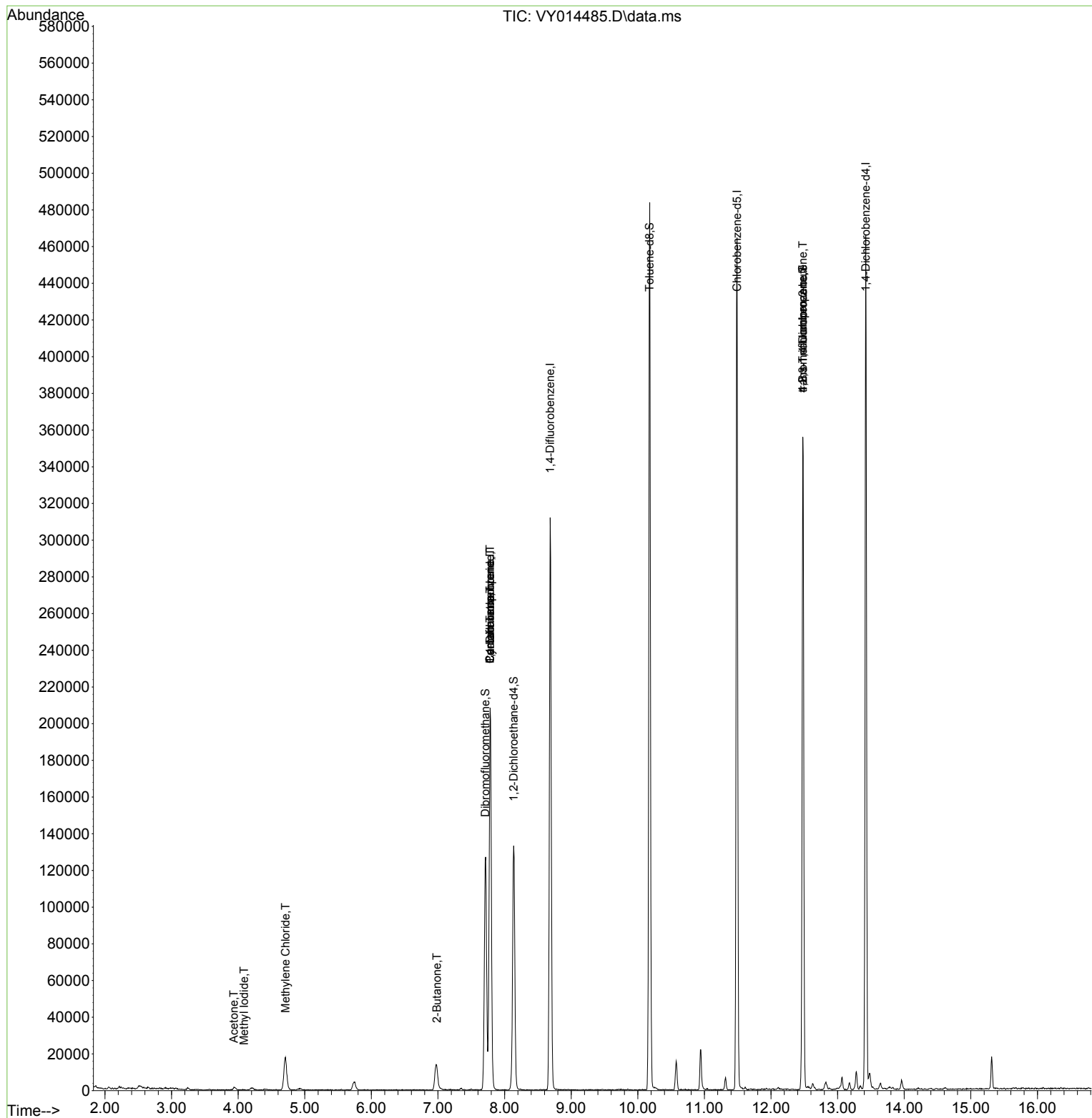
Internal Standards						
1) Pentafluorobenzene	7.782	168	163658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	257924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113962	56.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.160%	
35) Dibromofluoromethane	7.709	113	85904	53.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.820%	
50) Toluene-d8	10.178	98	311527	49.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.477	95	98541	43.575	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.160%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	106	2.925	ug/l #	38
11) Tert butyl alcohol	4.942	59	1042	Below Cal	#	89
16) Acetone	3.936	43	2625	4.105	ug/l	99
20) Methylene Chloride	4.710	84	12753	1.518	ug/l #	92
25) 2-Butanone	6.984	43	861	1.081	ug/l #	49
31) Cyclohexane	7.782	56	3516	1.401	ug/l #	38
36) 1,1-Dichloropropene	7.782	75	11458	4.666	ug/l #	51
38) Carbon Tetrachloride	7.782	117	15587	5.044	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	54754	36.763	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	54754	83.696	ug/l #	11

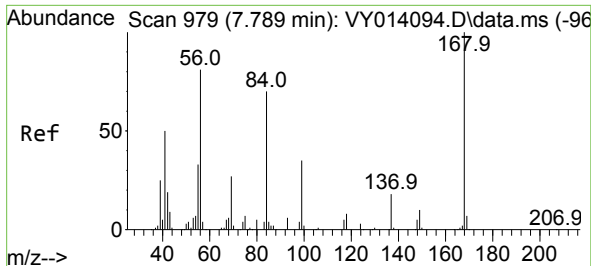
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
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Quant Time: Jun 29 02:19:44 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

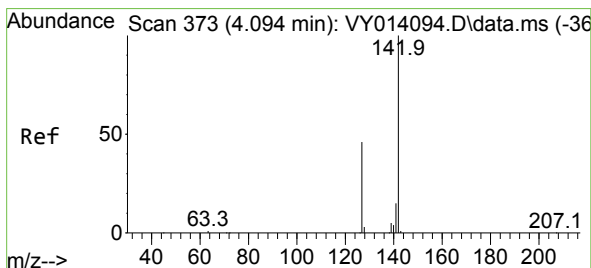
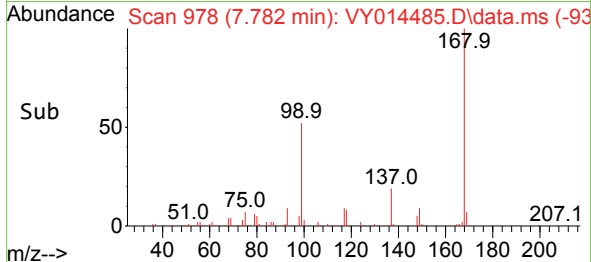
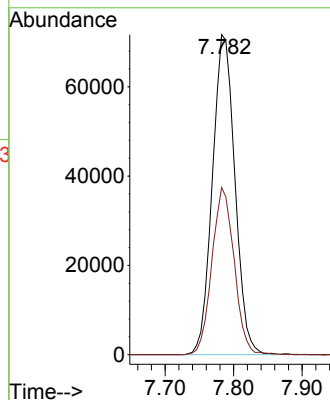
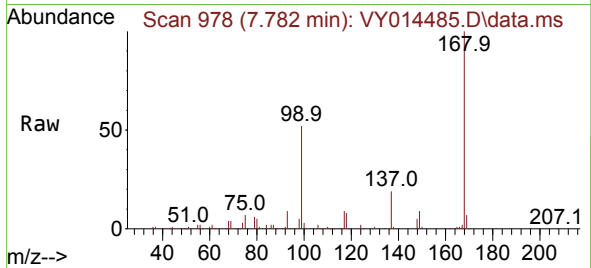




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

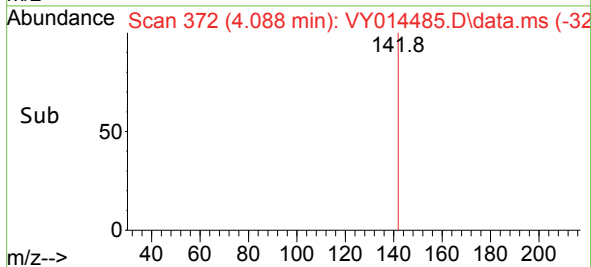
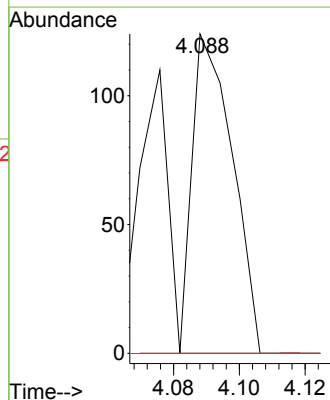
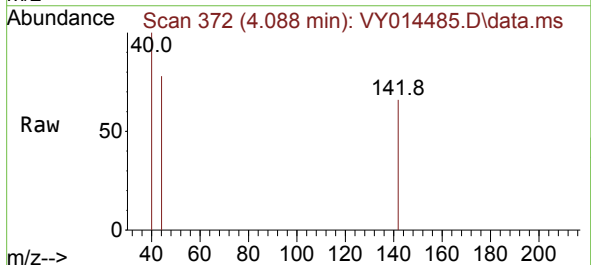
Instrument :
MSVOA_Y
ClientSampleId :
ESII-TP1RE

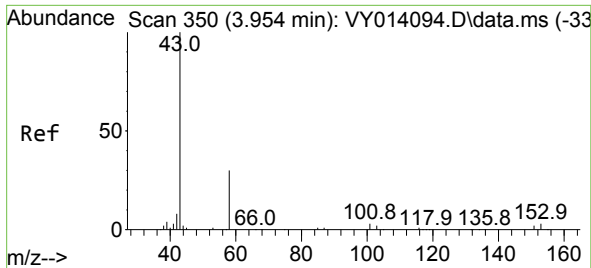
Tgt Ion:168 Resp: 163658
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#10
Methyl Iodide
Concen: 2.925 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

Tgt Ion:142 Resp: 106
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

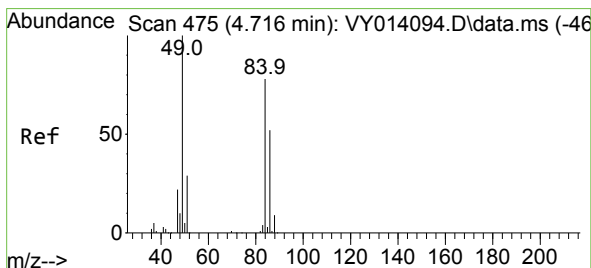
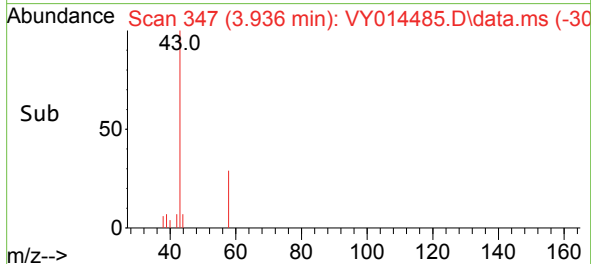
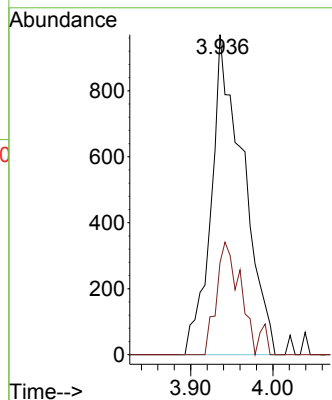
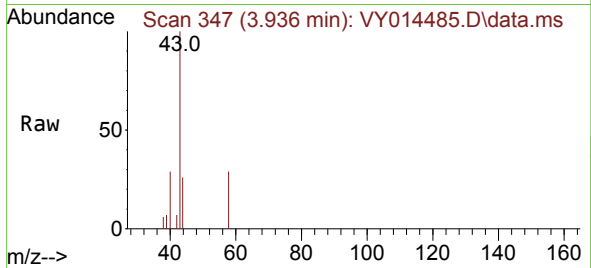




#16
Acetone
Concen: 4.105 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

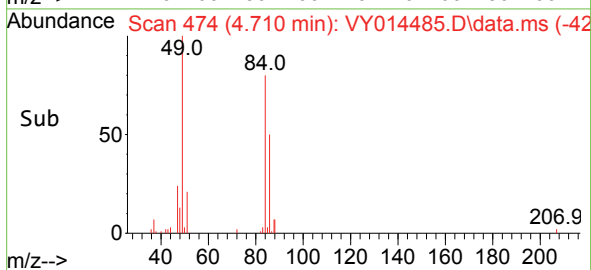
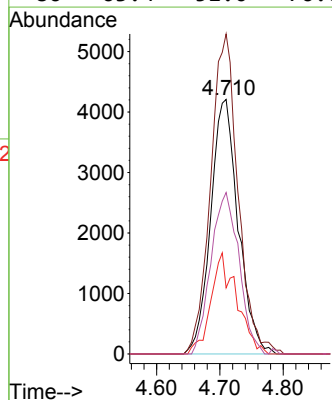
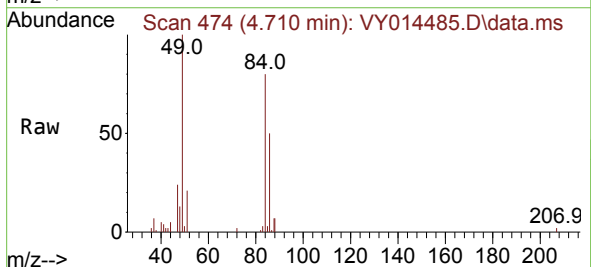
Instrument :
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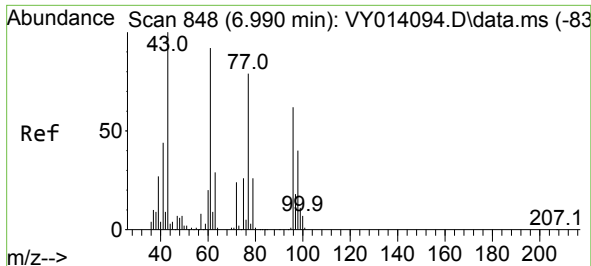
Tgt Ion: 43 Resp: 2625
Ion Ratio Lower Upper
43 100
58 28.9 22.7 34.1



#20
Methylene Chloride
Concen: 1.518 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 84 Resp: 12753
Ion Ratio Lower Upper
84 100
49 125.7 106.9 160.3
51 26.0 33.2 49.8#
86 63.4 51.0 76.6

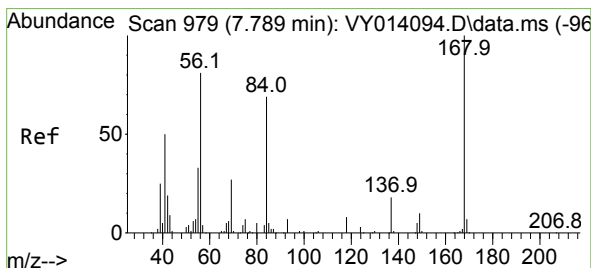
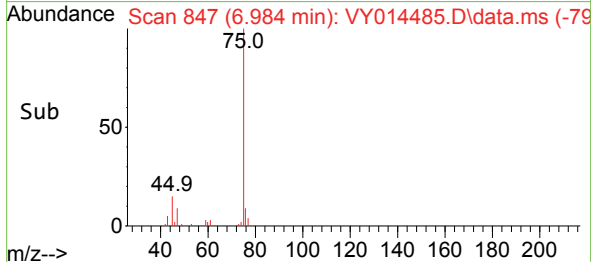
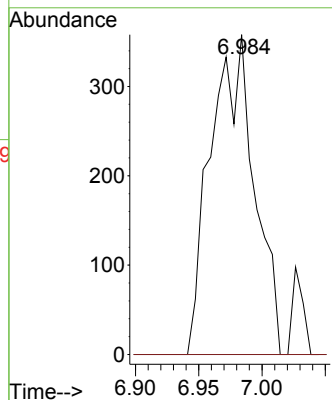
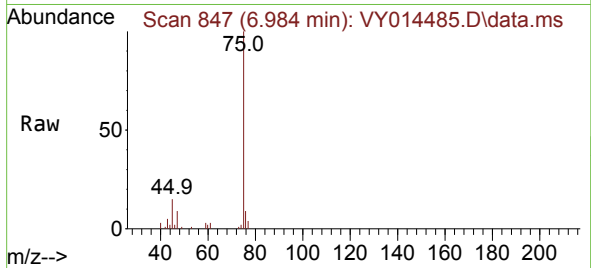




#25
2-Butanone
Concen: 1.081 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

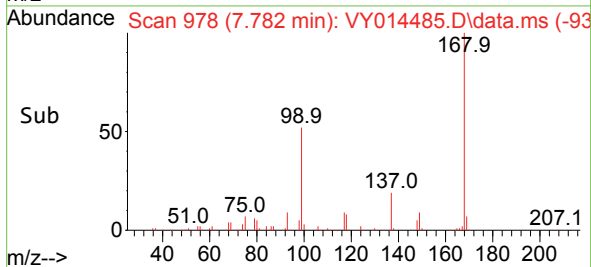
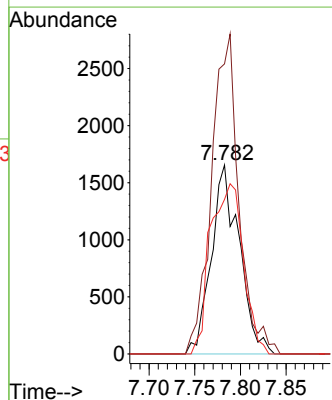
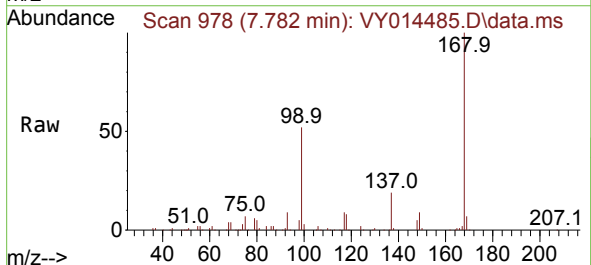
Instrument :
MSVOA_Y
ClientSampleId :
ESII-TP1RE

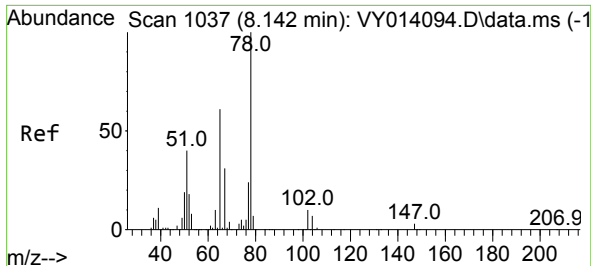
Tgt Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.401 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.007 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 56 Resp: 3516
Ion Ratio Lower Upper
56 100
69 153.5 27.8 41.6#
84 81.8 66.4 99.6

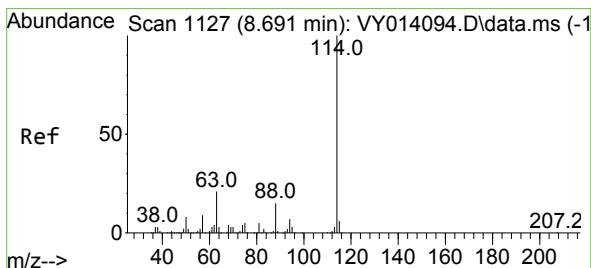
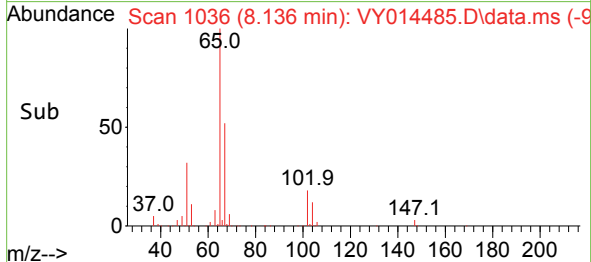
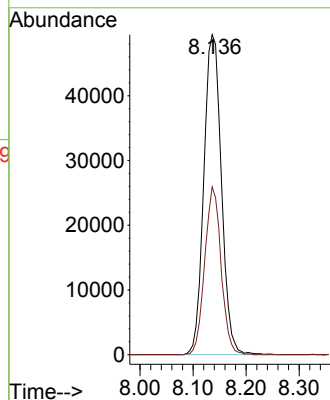
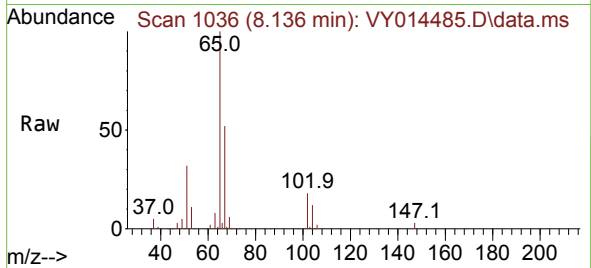




#33
 1,2-Dichloroethane-d4
 Concen: 56.085 ug/l
 RT: 8.136 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY014485.D
 Acq: 28 Jun 2023 16:56

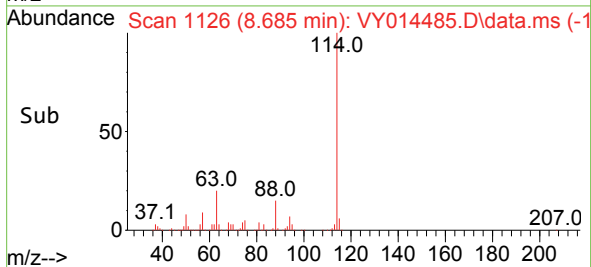
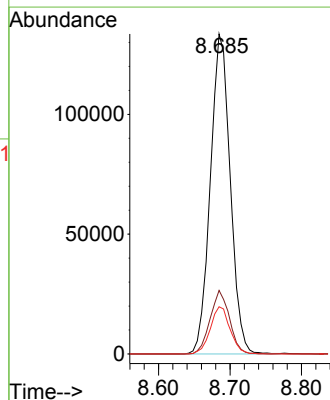
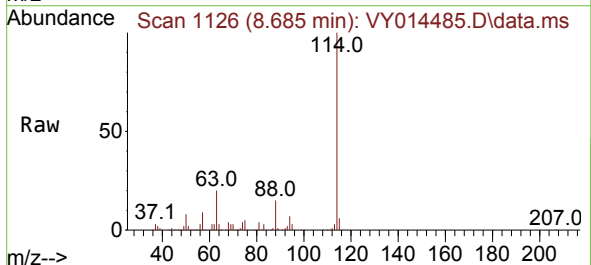
Instrument :
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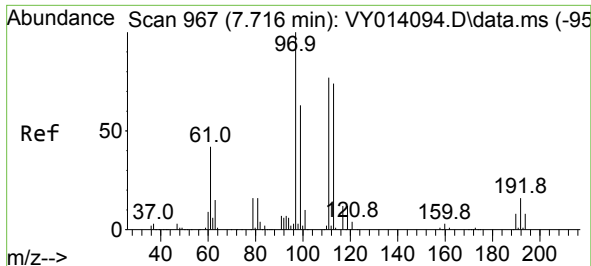
Tgt Ion: 65 Resp: 113962
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014485.D
 Acq: 28 Jun 2023 16:56

Tgt Ion: 114 Resp: 257924
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 14.8 0.0 30.6

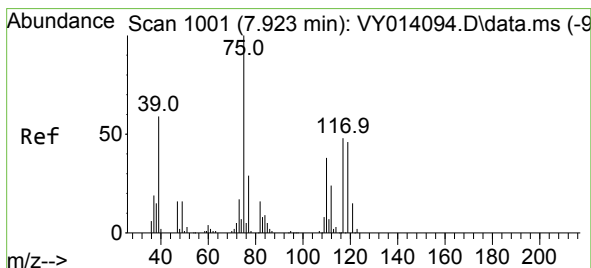
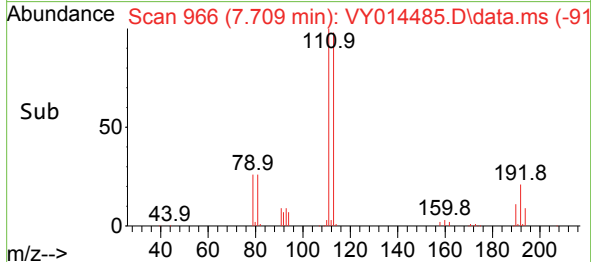
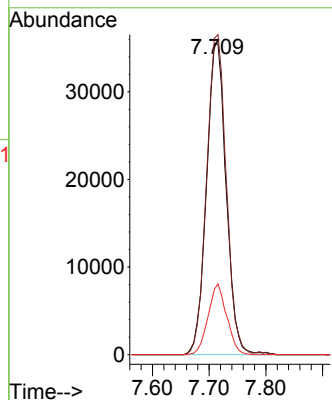
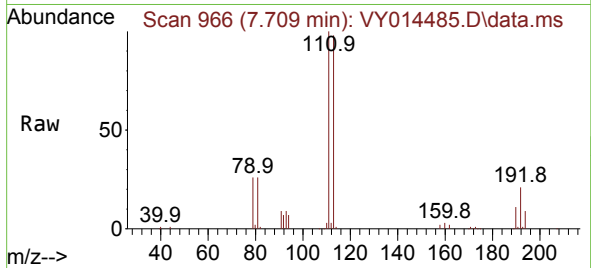




#35
Dibromofluoromethane
Concen: 53.909 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

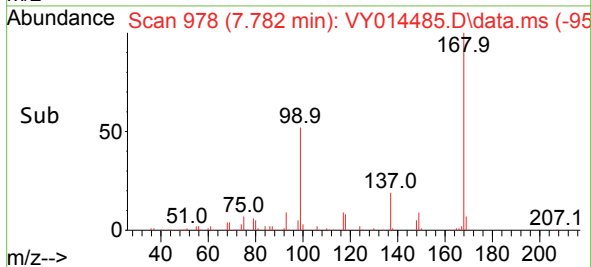
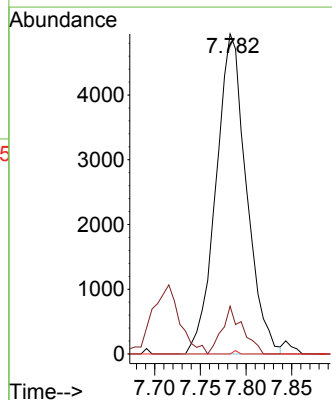
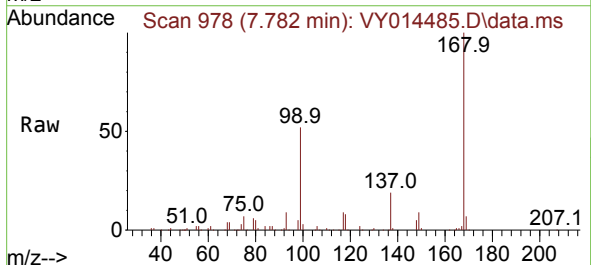
Instrument :
MSVOA_Y
ClientSampleId :
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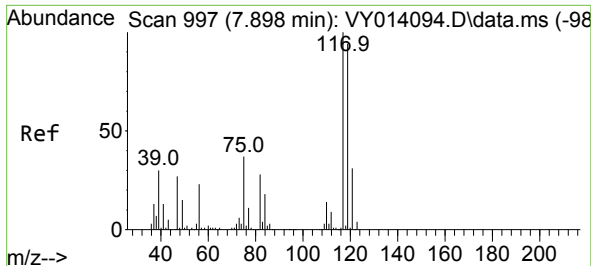
Tgt Ion:113 Resp: 85904
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 21.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.666 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.141 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 75 Resp: 11458
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.2 24.4 36.6#

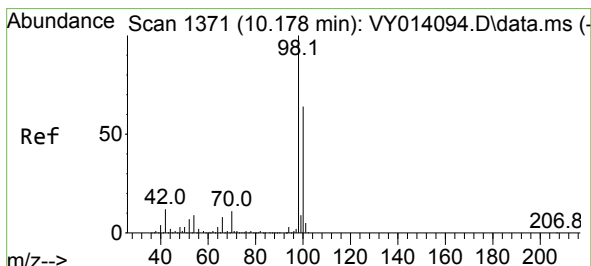
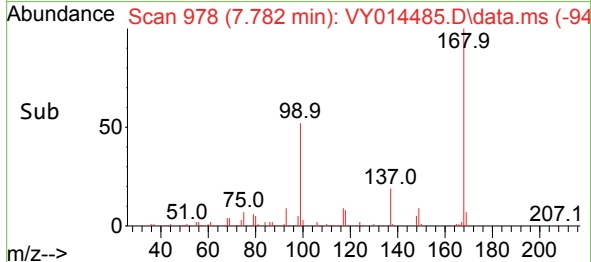
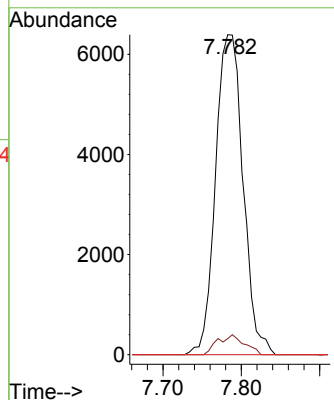
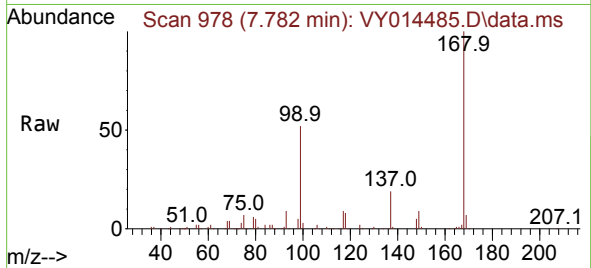




#38
Carbon Tetrachloride
Concen: 5.044 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

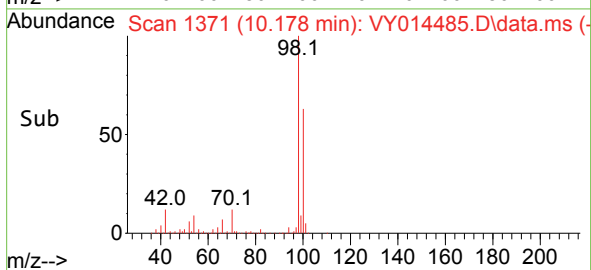
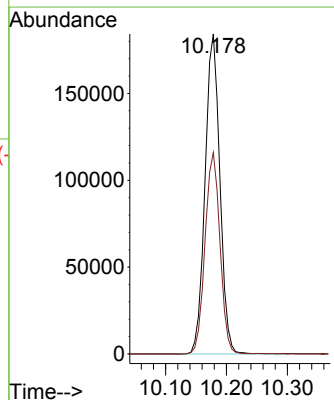
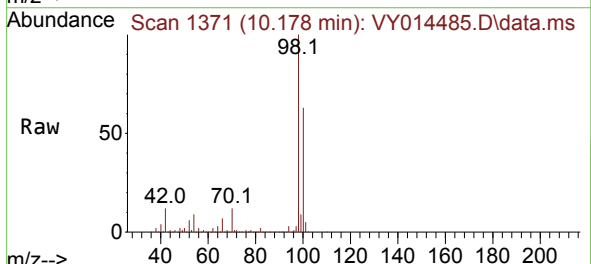
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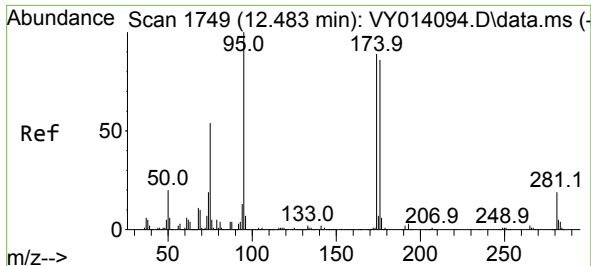
Tgt Ion:117 Resp: 15587
Ion Ratio Lower Upper
117 100
119 5.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.180 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 98 Resp: 311527
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1

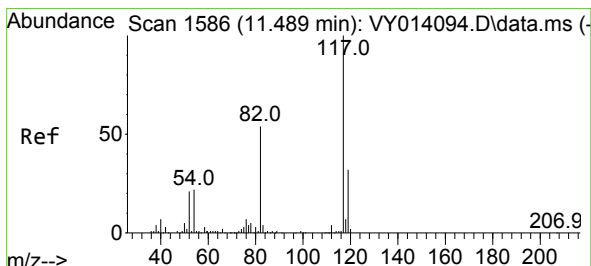
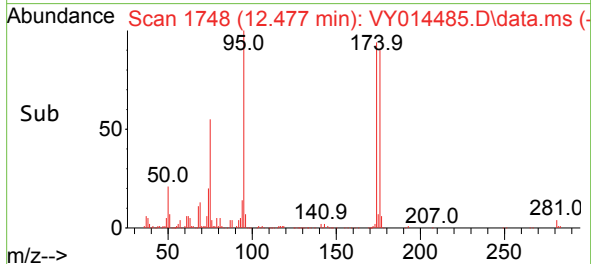
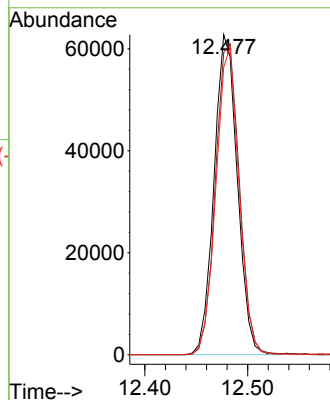
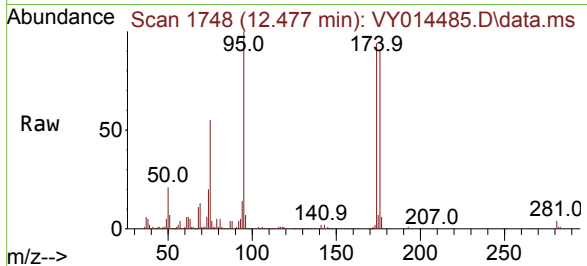




#62
4-Bromofluorobenzene
Concen: 43.575 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

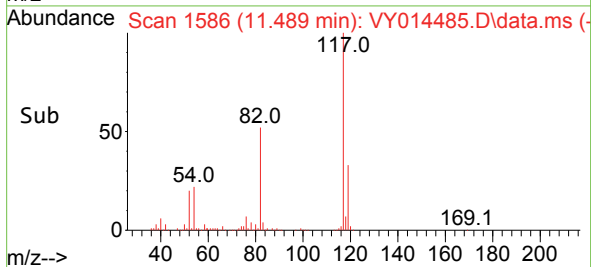
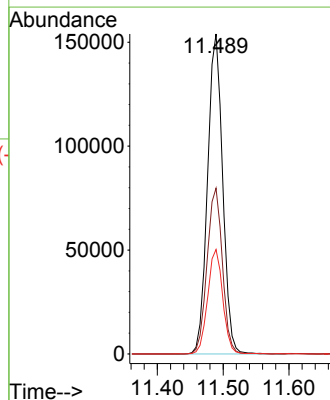
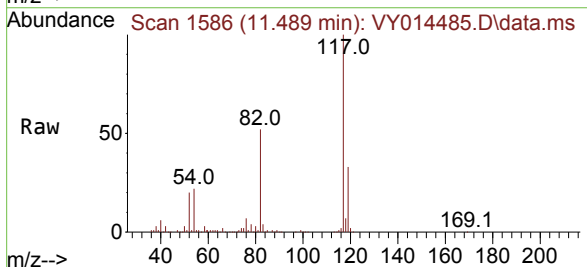
Instrument :
MSVOA_Y
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ESII-TP1RE

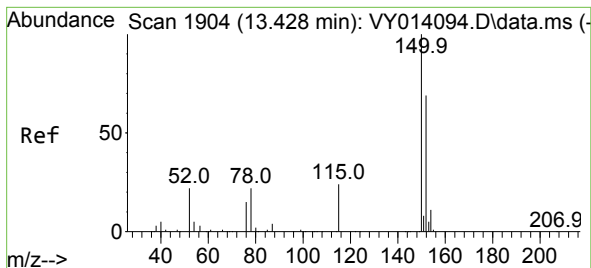
Tgt Ion: 95 Resp: 98541
Ion Ratio Lower Upper
95 100
174 99.7 0.0 178.2
176 95.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014485.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 117 Resp: 246446
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.6 26.3 39.5

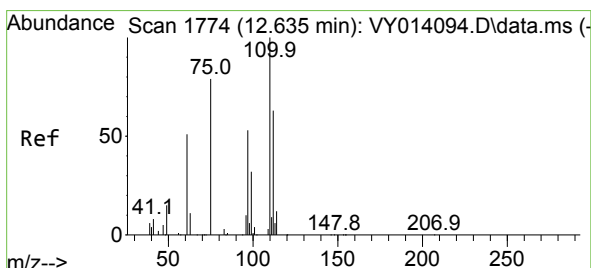
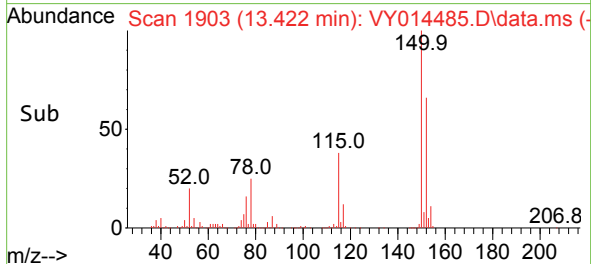
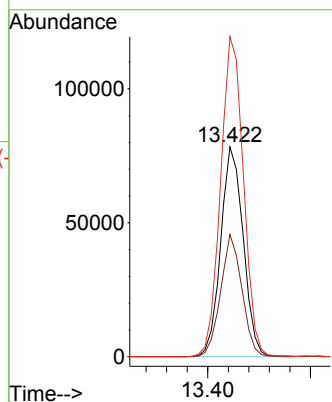
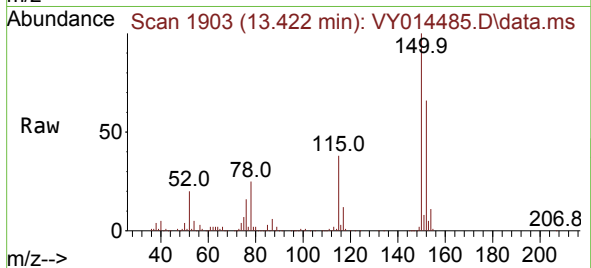




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014485.D
 Acq: 28 Jun 2023 16:56

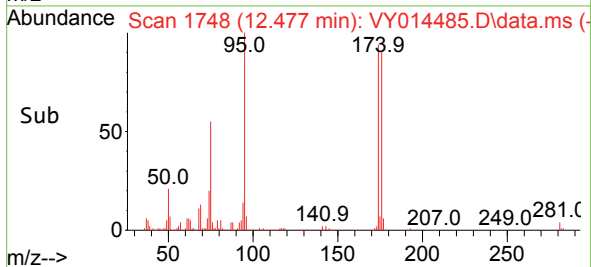
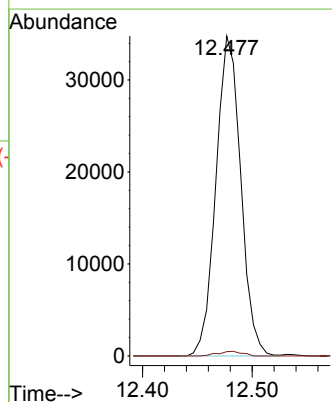
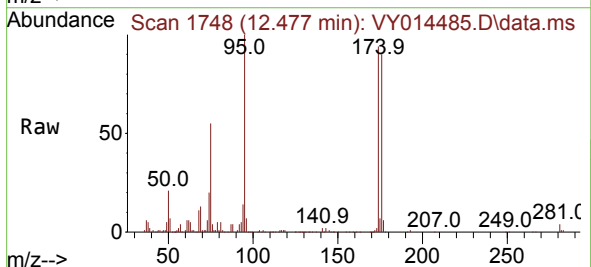
Instrument :
 MSVOA_Y
 ClientSampleId :
 ESII-TP1RE

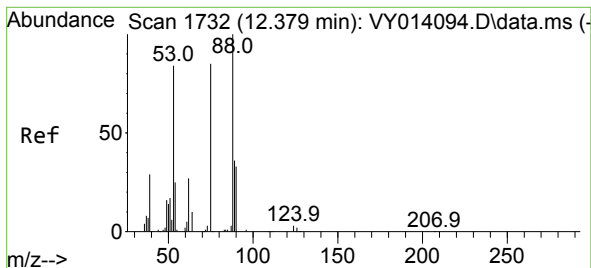
Tgt Ion:152 Resp: 118732
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.8 86.5
 150 155.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 36.763 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014485.D
 Acq: 28 Jun 2023 16:56

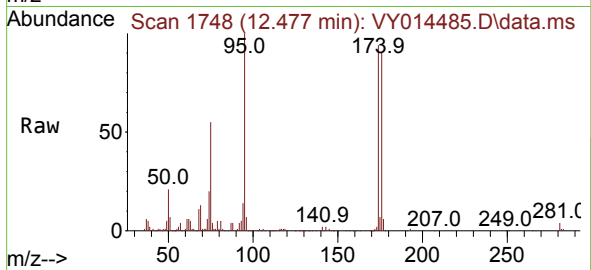
Tgt Ion: 75 Resp: 54754
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.696 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014485.D
 Acq: 28 Jun 2023 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 ESII-TP1RE



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.5	77.8	116.8#
89	0.0	37.4	56.0#

