

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014433.D
 Acq On : 26 Jun 2023 14:53
 Operator : KP/MD
 Sample : 03402-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-0623

Quant Time: Jun 27 01:47:40 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)

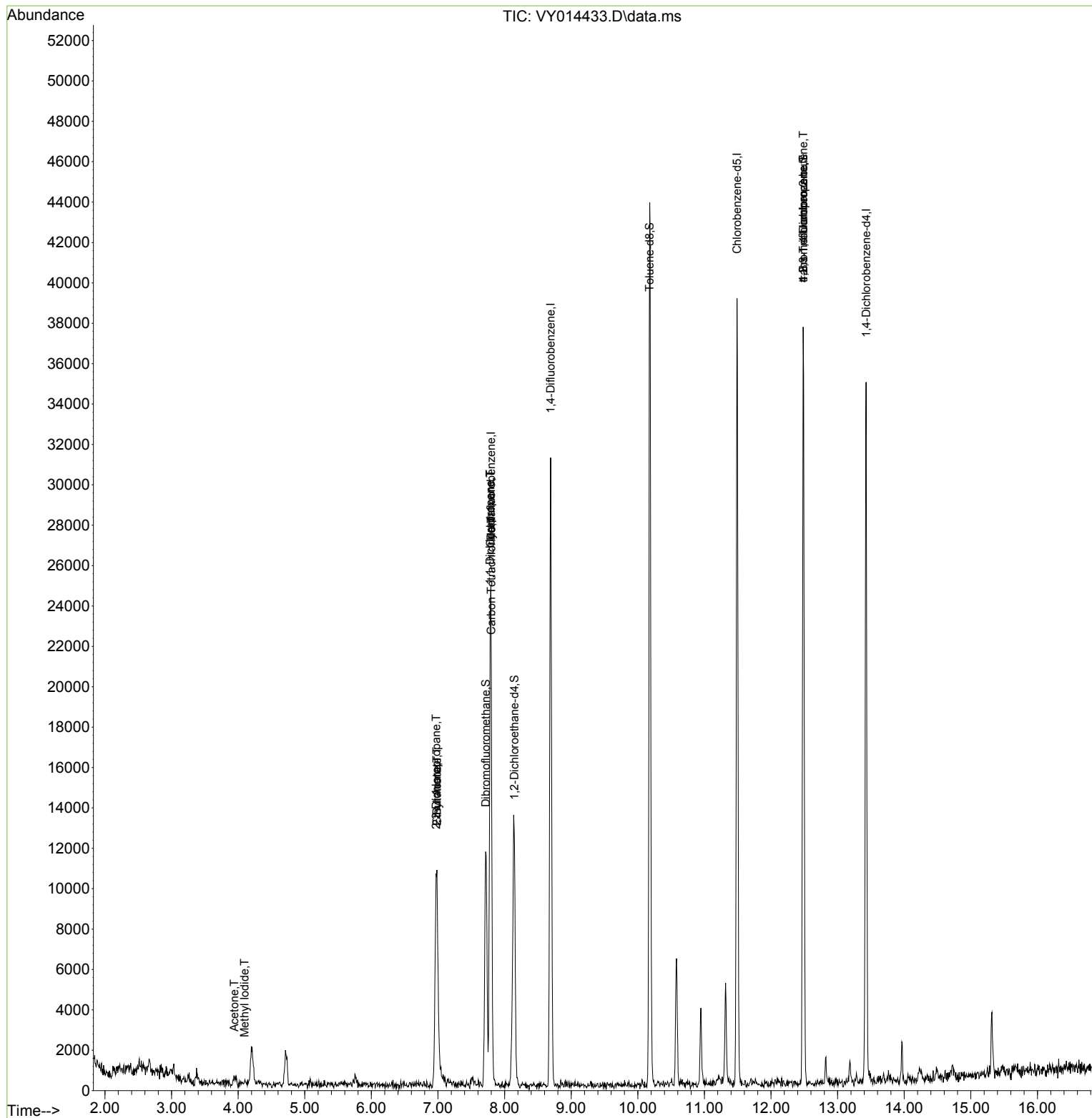
Internal Standards						
1) Pentafluorobenzene	7.795	168	20795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	21860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	11326	43.867	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.740%		
35) Dibromofluoromethane	7.715	113	8043	47.656	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.320%		
50) Toluene-d8	10.178	98	30554	45.543	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.080%		
62) 4-Bromofluorobenzene	12.483	95	8507	35.519	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	71.040%		
Target Compounds						Qvalue
10) Methyl Iodide	4.094	142	156	3.454	ug/l #	38
16) Acetone	3.942	43	548	6.745	ug/l #	46
20) Methylene Chloride	4.722	84	1200	Below Cal	#	65
25) 2-Butanone	6.984	43	708	6.997	ug/l #	49
26) 2,2-Dichloropropane	6.972	77	643	1.684	ug/l #	54
31) Cyclohexane	7.789	56	491	1.540	ug/l #	47
36) 1,1-Dichloropropene	7.783	75	1507	5.794	ug/l #	45
37) Ethyl Acetate	6.984	43	708	3.950	ug/l #	16
38) Carbon Tetrachloride	7.801	117	1759	5.375	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	4405	37.963	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4405	86.429	ug/l #	10

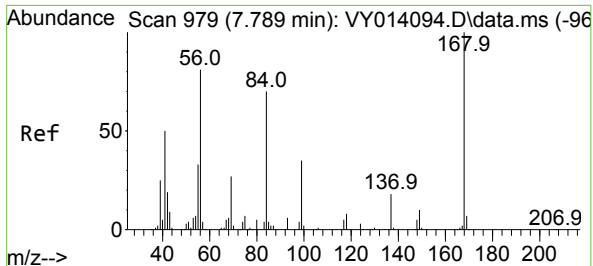
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
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Quant Title : SW846 8260
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Response via : Initial Calibration

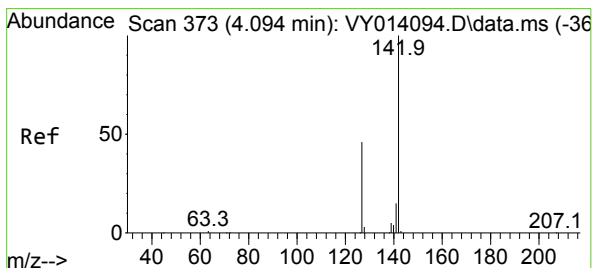
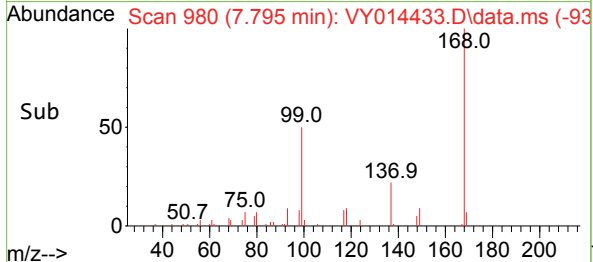
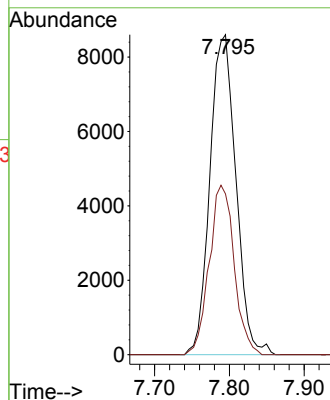
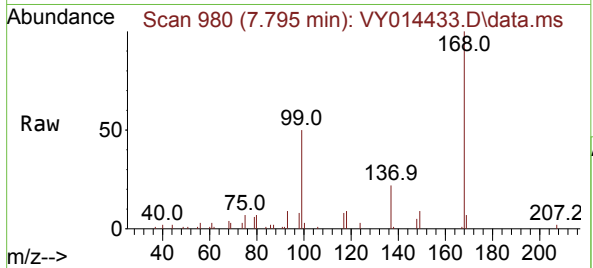




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

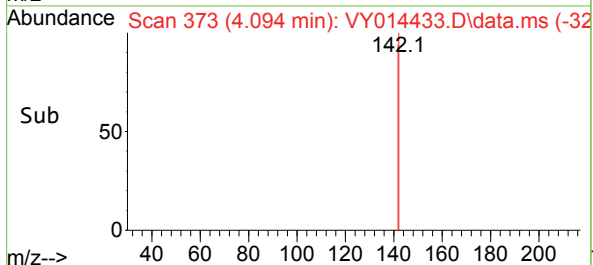
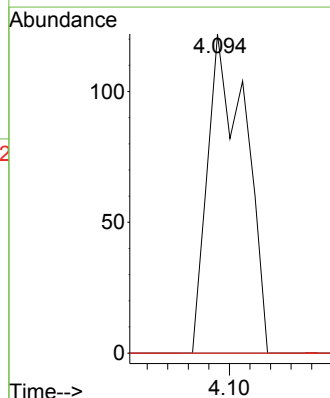
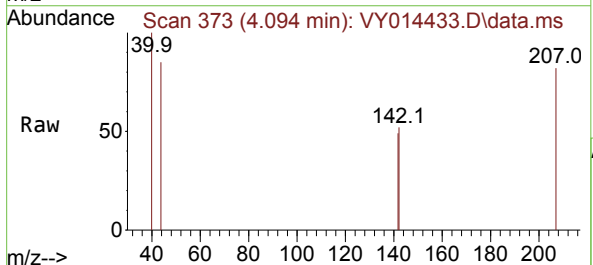
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0623

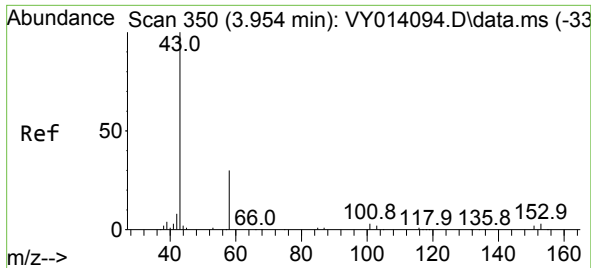
Tgt Ion:168 Resp: 20795
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0



#10
Methyl Iodide
Concen: 3.454 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

Tgt Ion:142 Resp: 156
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

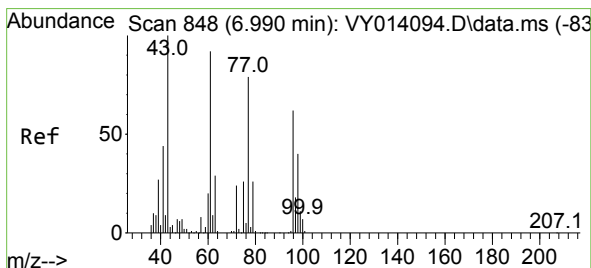
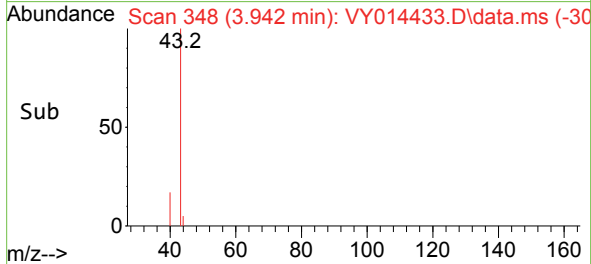
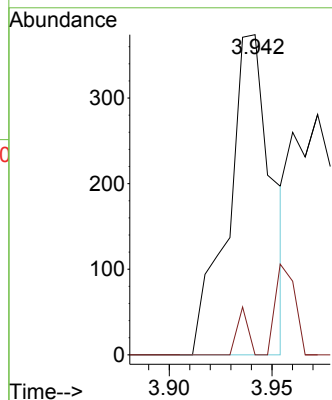
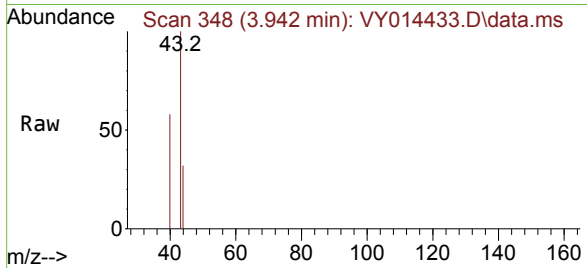




#16
Acetone
Concen: 6.745 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

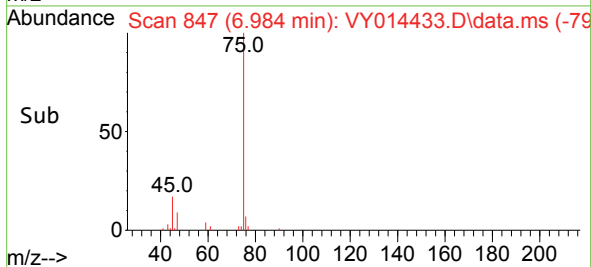
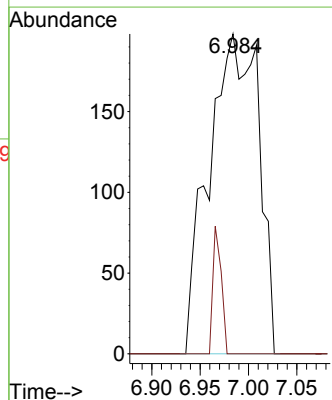
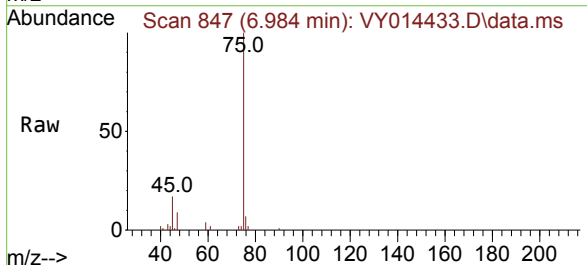
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0623

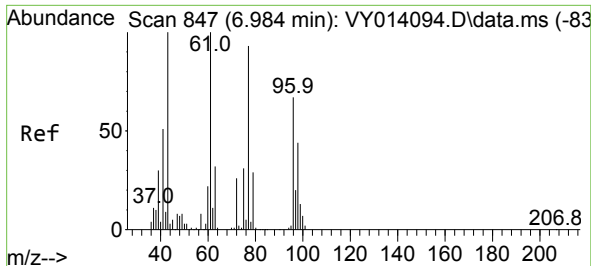
Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#25
2-Butanone
Concen: 6.997 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

Tgt Ion: 43 Resp: 708
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

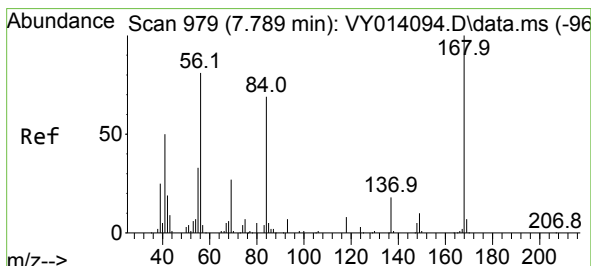
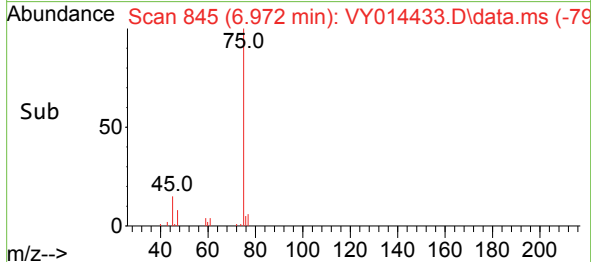
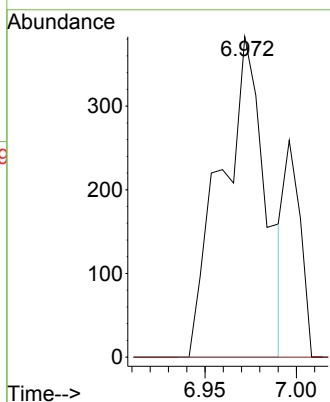
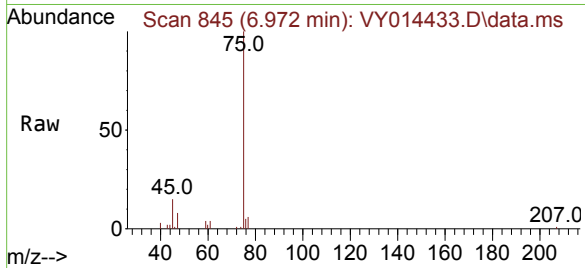




#26
2,2-Dichloropropane
Concen: 1.684 ug/l
RT: 6.972 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

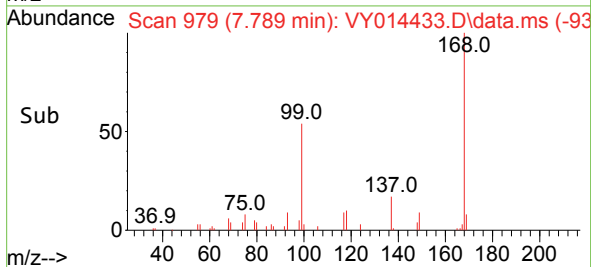
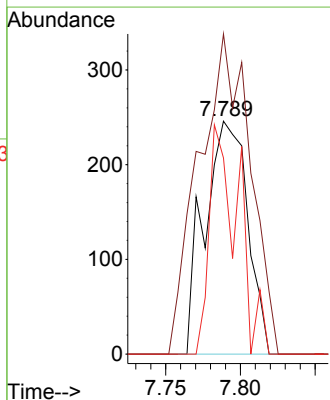
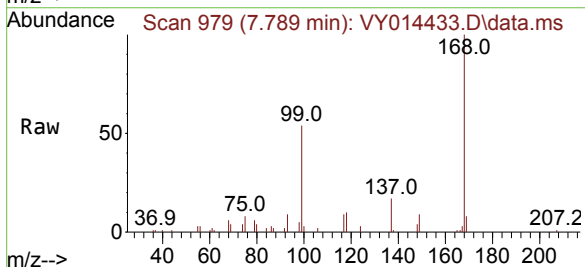
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0623

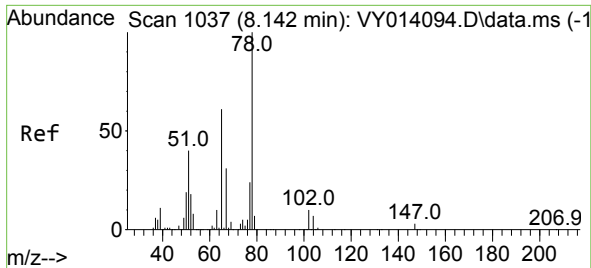
Tgt Ion: 77 Resp: 643
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.540 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

Tgt Ion: 56 Resp: 491
Ion Ratio Lower Upper
56 100
69 137.4 27.8 41.6#
84 84.1 66.4 99.6

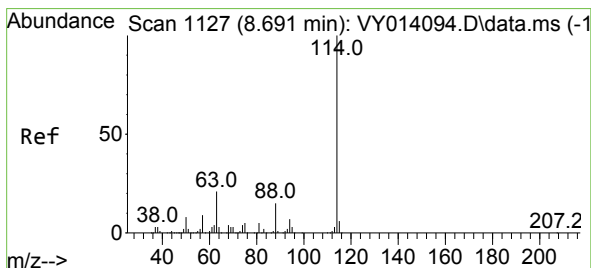
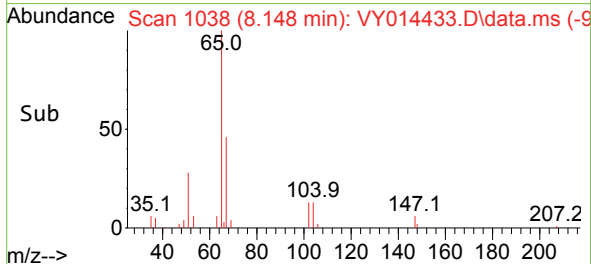
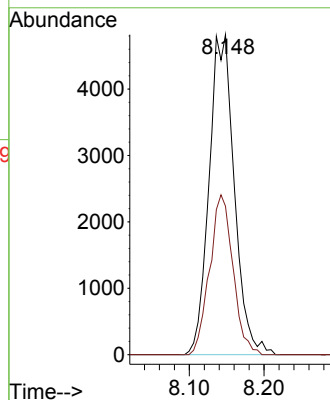
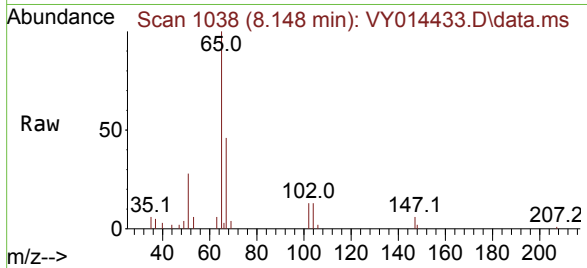




#33
 1,2-Dichloroethane-d4
 Concen: 43.867 ug/l
 RT: 8.148 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY014433.D
 Acq: 26 Jun 2023 14:53

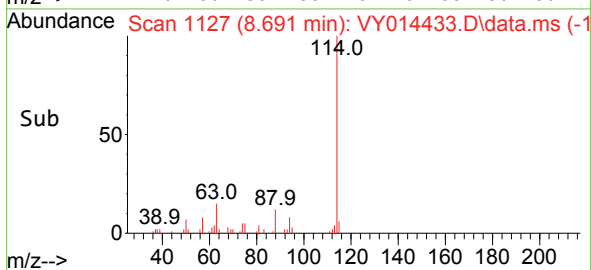
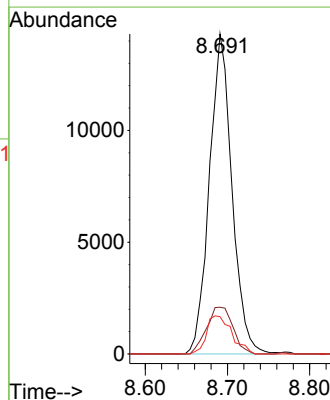
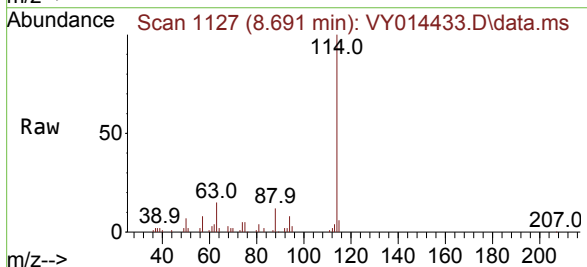
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-0623

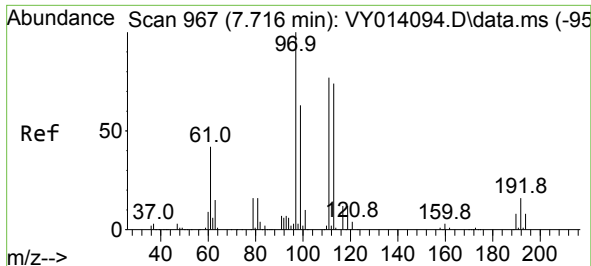
Tgt Ion: 65 Resp: 11326
 Ion Ratio Lower Upper
 65 100
 67 46.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY014433.D
 Acq: 26 Jun 2023 14:53

Tgt Ion: 114 Resp: 27317
 Ion Ratio Lower Upper
 114 100
 63 14.6 0.0 42.4
 88 11.7 0.0 30.6

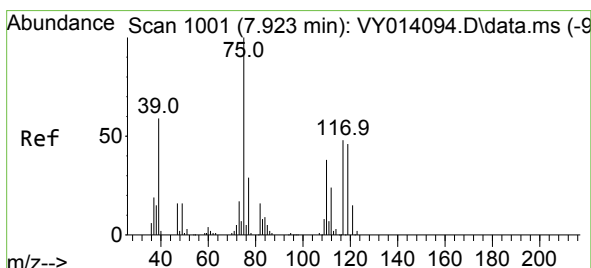
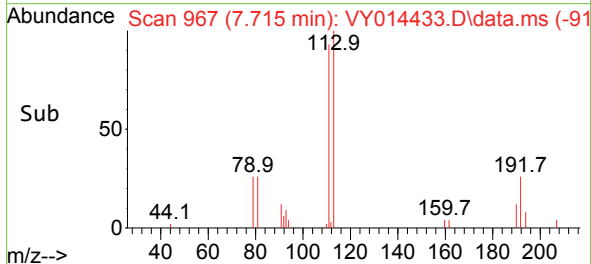
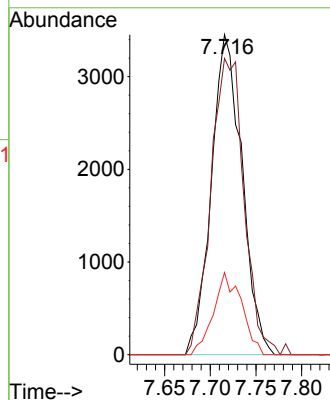
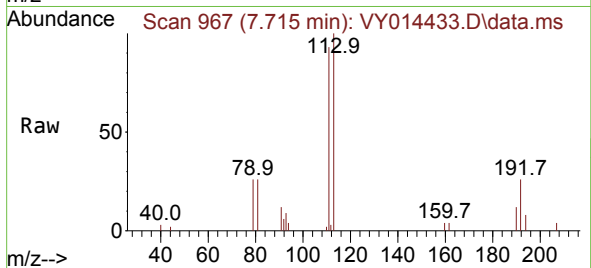




#35
Dibromofluoromethane
Concen: 47.656 ug/l
RT: 7.715 min Scan# 901
Delta R.T. -0.001 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

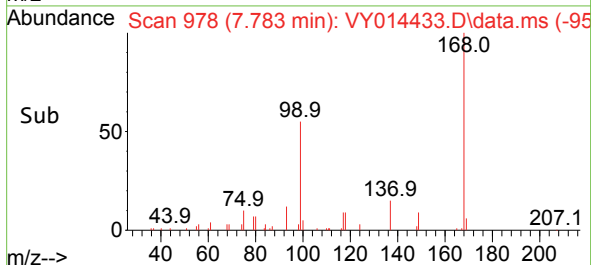
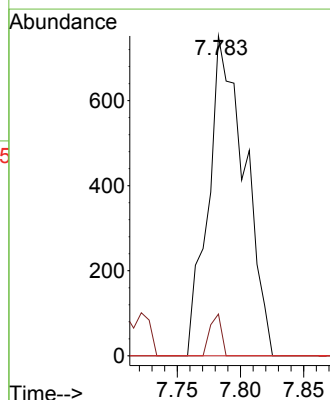
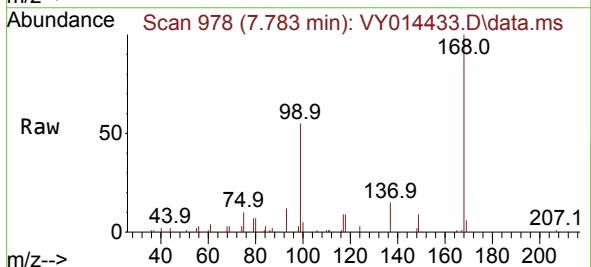
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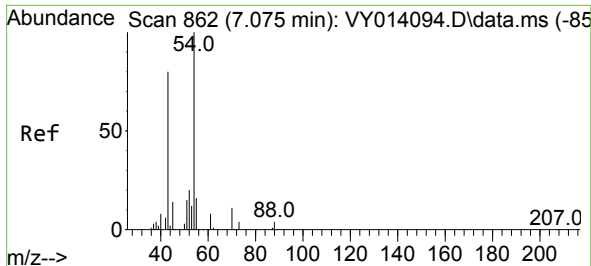
Tgt Ion:113 Resp: 8043
Ion Ratio Lower Upper
113 100
111 100.1 81.3 121.9
192 23.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.794 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

Tgt Ion: 75 Resp: 1507
Ion Ratio Lower Upper
75 100
110 4.2 17.8 53.5#
77 0.0 24.4 36.6#

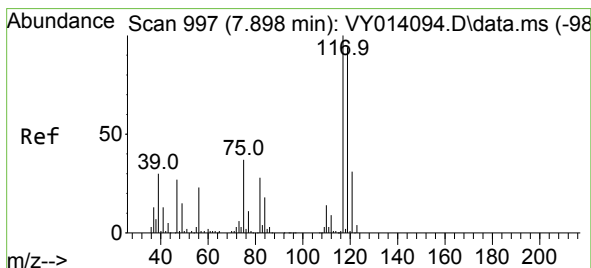
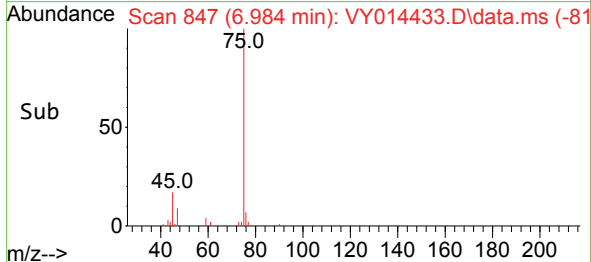
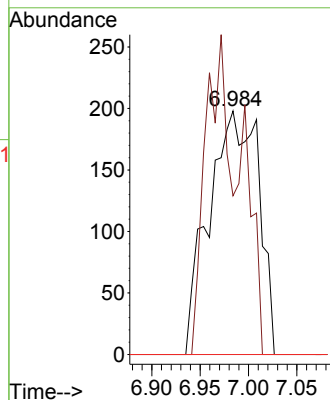
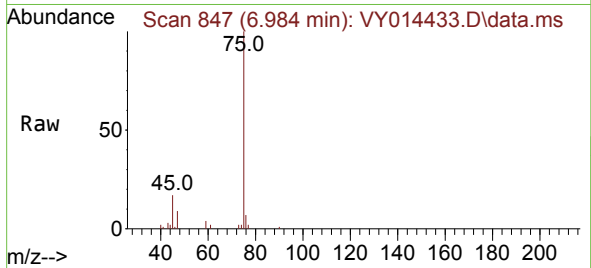




#37
Ethyl Acetate
Concen: 3.950 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.091 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

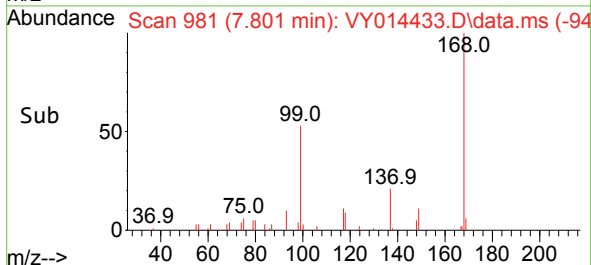
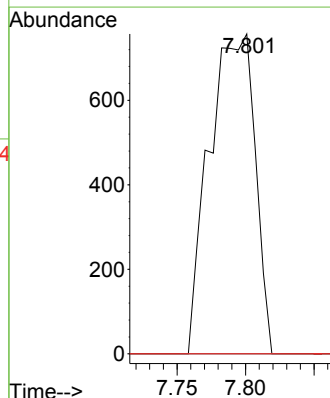
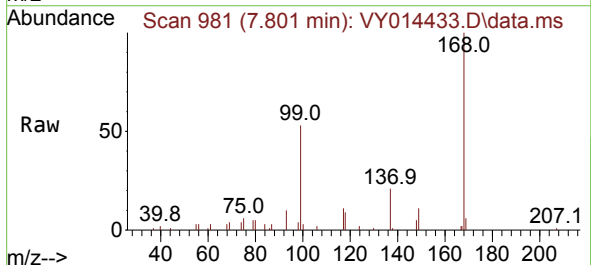
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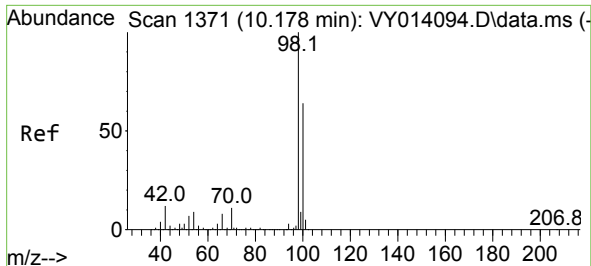
Tgt Ion: 43 Resp: 708
Ion Ratio Lower Upper
43 100
61 62.0 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.375 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.097 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

Tgt Ion: 117 Resp: 1759
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#

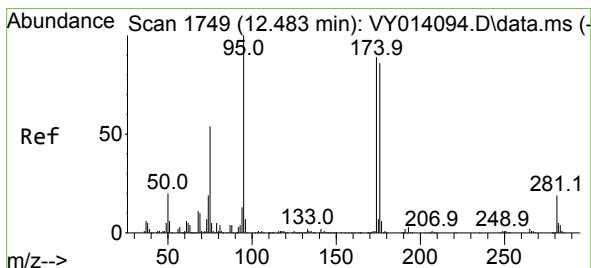
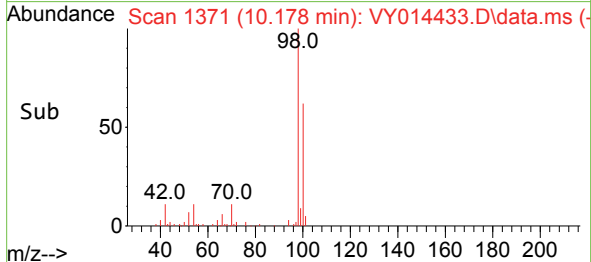
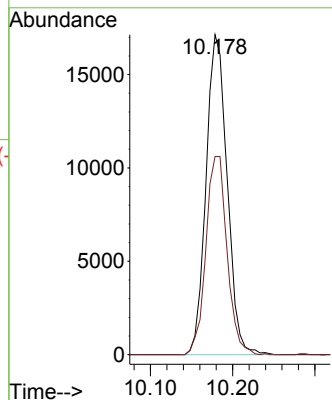
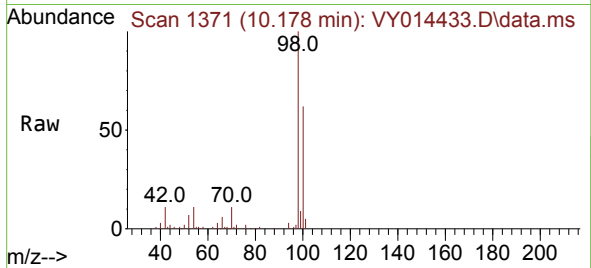




#50
Toluene-d8
Concen: 45.543 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

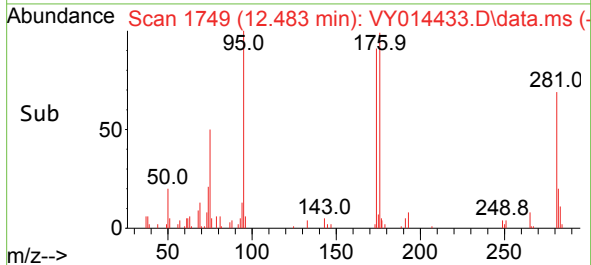
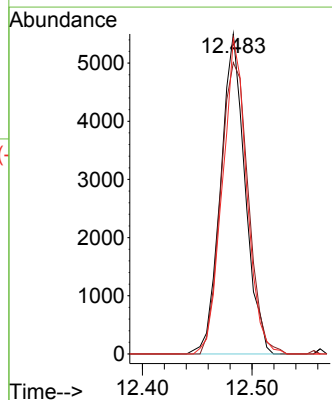
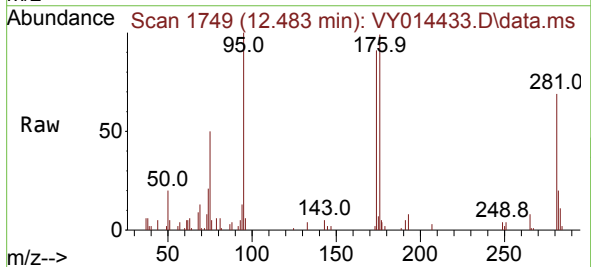
Instrument :
MSVOA_Y
ClientSampleId :
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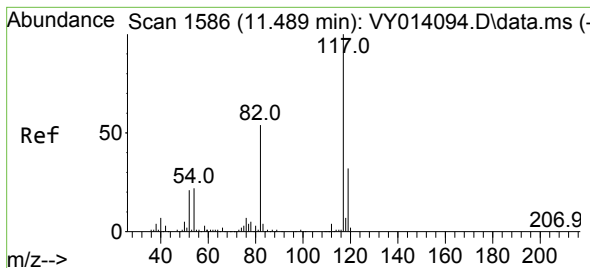
Tgt Ion: 98 Resp: 30554
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 35.519 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

Tgt Ion: 95 Resp: 8507
Ion Ratio Lower Upper
95 100
174 103.1 0.0 178.2
176 98.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014433.D

Acq: 26 Jun 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

TP2-0623

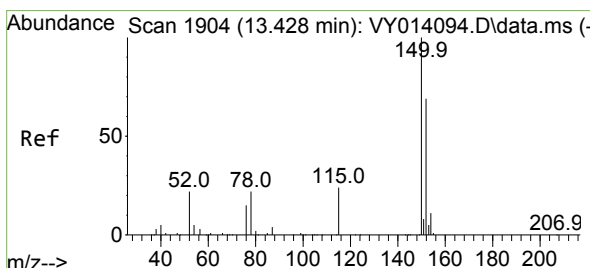
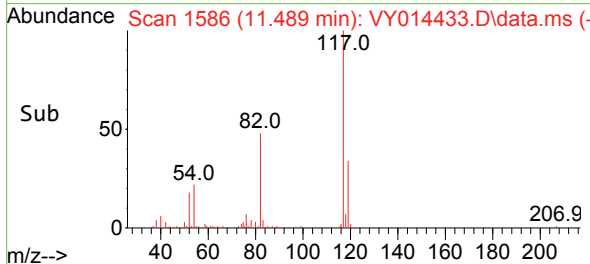
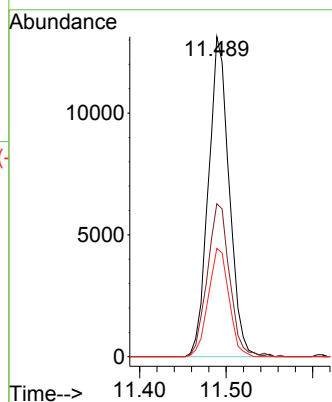
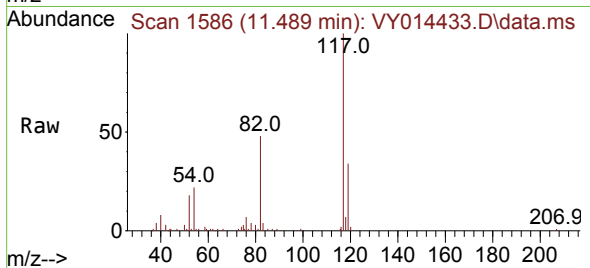
Tgt Ion:117 Resp: 21860

Ion Ratio Lower Upper

117 100

82 47.8 43.4 65.0

119 33.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY014433.D

Acq: 26 Jun 2023 14:53

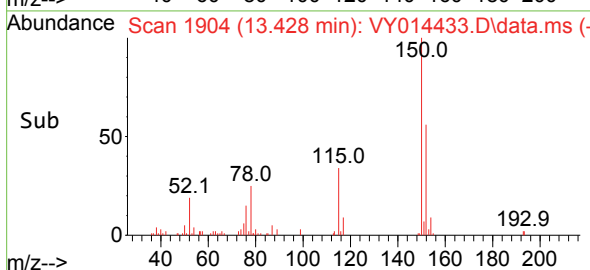
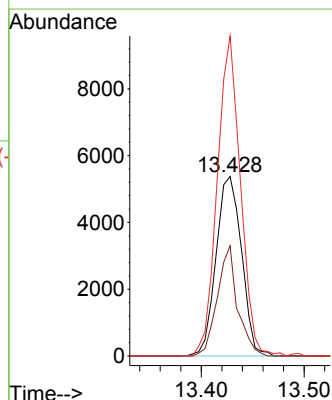
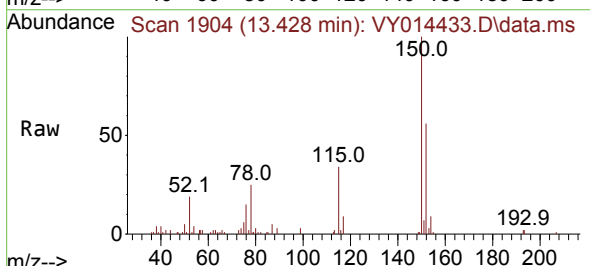
Tgt Ion:152 Resp: 9250

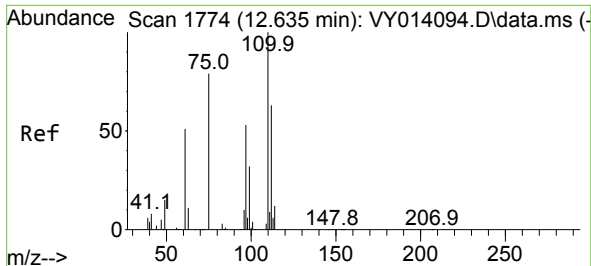
Ion Ratio Lower Upper

152 100

115 48.8 28.8 86.5

150 162.0 0.0 348.8

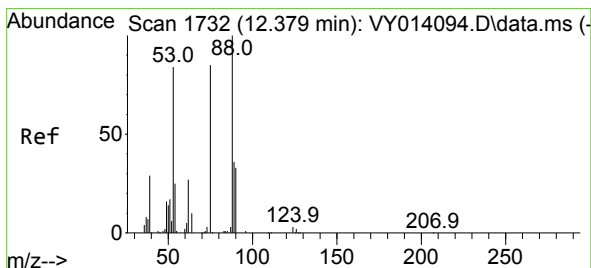
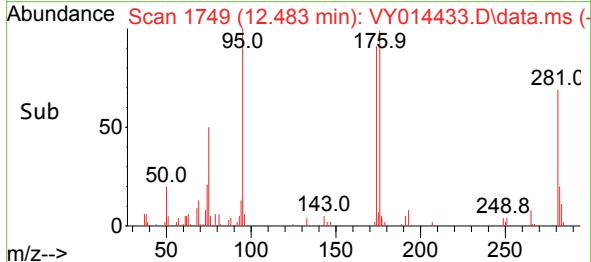
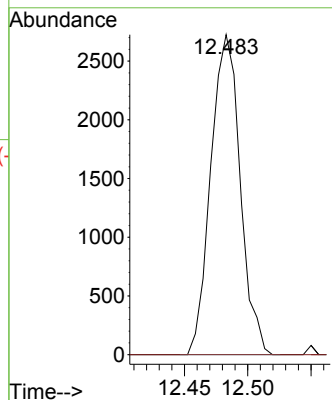
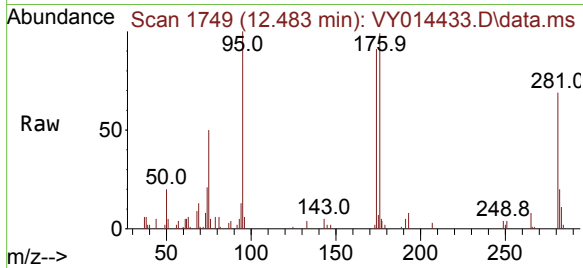




#76
1,2,3-Trichloropropane
Concen: 37.963 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

Instrument :
MSVOA_Y
ClientSampleId :
TP2-0623

Tgt Ion: 75 Resp: 4405
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 86.429 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

Tgt Ion: 75 Resp: 4405
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

