

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014480.D
 Acq On : 28 Jun 2023 14:58
 Operator : KP/MD
 Sample : 03412-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCT-1

Quant Time: Jun 29 02:18:16 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)

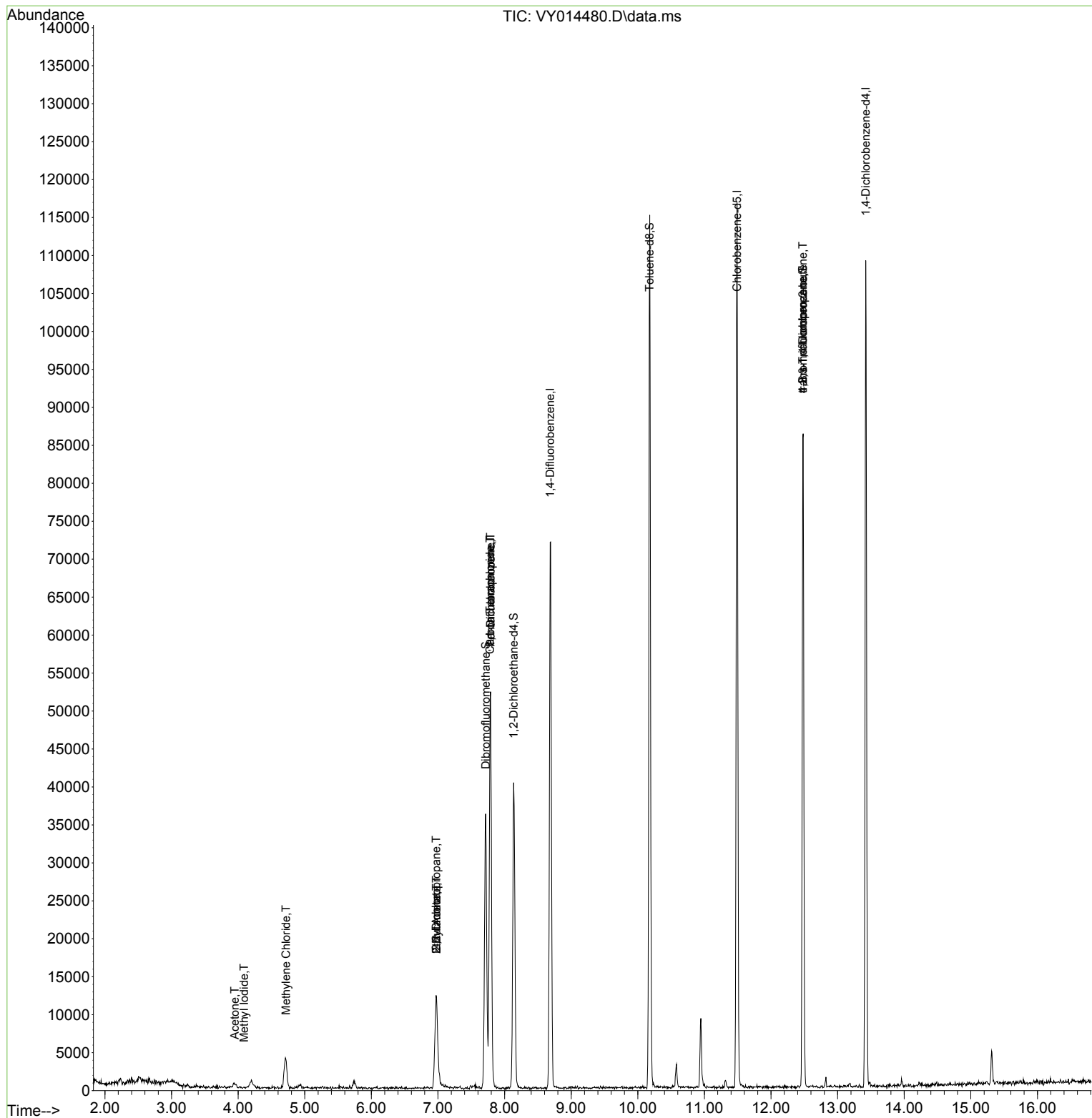
Internal Standards						
1) Pentafluorobenzene	7.789	168	41029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	63792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	63448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	34843	68.399	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 136.800%		
35) Dibromofluoromethane	7.716	113	22826	57.916	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 115.840%		
50) Toluene-d8	10.179	98	74109	47.303	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 94.600%		
62) 4-Bromofluorobenzene	12.477	95	24362	43.557	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 87.120%		
Target Compounds						Qvalue
10) Methyl Iodide	4.088	142	138	3.134	ug/l #	38
11) Tert butyl alcohol	4.972	59	110	Below Cal	#	89
16) Acetone	3.948	43	1165	7.268	ug/l #	84
20) Methylene Chloride	4.716	84	3244	1.632	ug/l #	73
25) 2-Butanone	6.978	43	752	3.767	ug/l #	49
26) 2,2-Dichloropropane	6.972	77	754	1.001	ug/l #	54
36) 1,1-Dichloropropene	7.789	75	3126	5.147	ug/l #	54
37) Ethyl Acetate	6.978	43	752	1.797	ug/l #	31
38) Carbon Tetrachloride	7.783	117	4015	5.253	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	13511	35.262	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13511	80.280	ug/l #	10

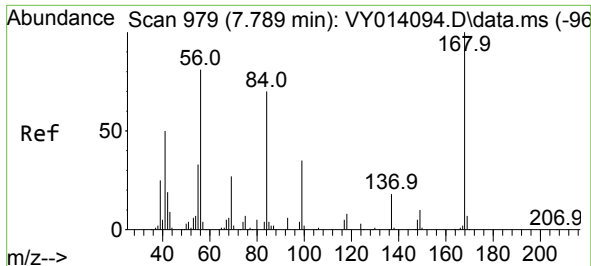
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
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MSVOA_Y
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DUCT-1

Quant Time: Jun 29 02:18:16 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

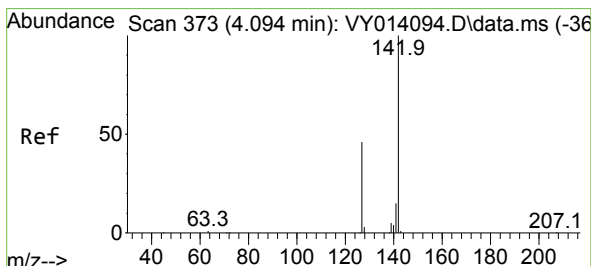
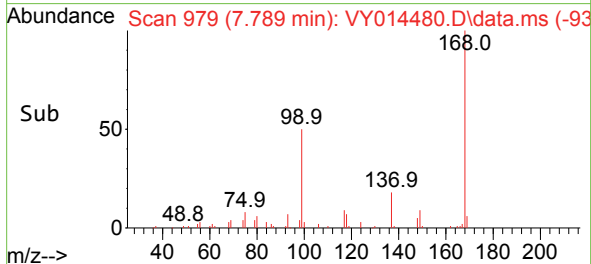
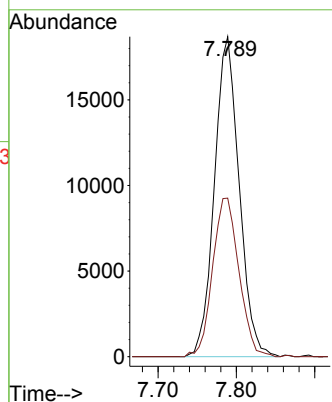
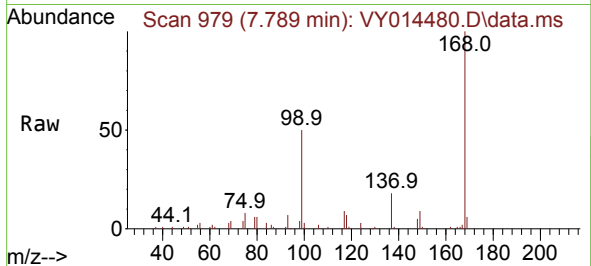




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014480.D
Acq: 28 Jun 2023 14:58

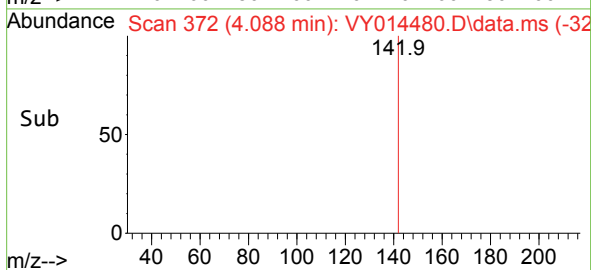
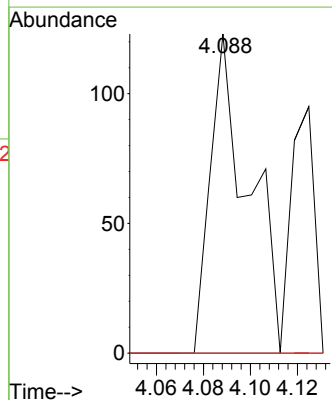
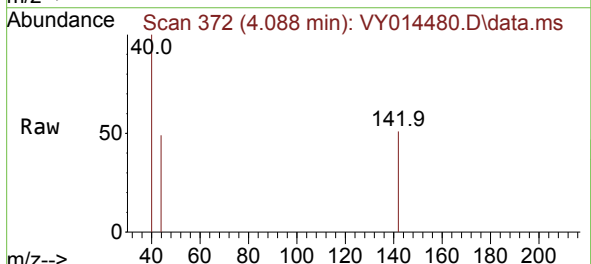
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-1

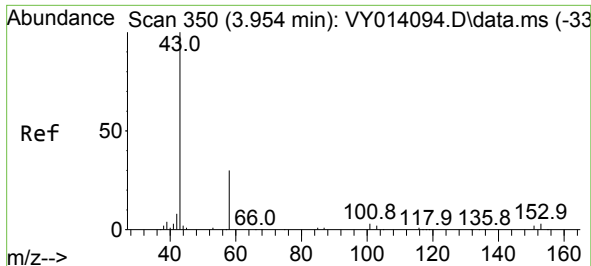
Tgt Ion:168 Resp: 41029
Ion Ratio Lower Upper
168 100
99 49.6 43.4 65.0



#10
Methyl Iodide
Concen: 3.134 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014480.D
Acq: 28 Jun 2023 14:58

Tgt Ion:142 Resp: 138
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 7.268 ug/l

RT: 3.948 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY014480.D

Acq: 28 Jun 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

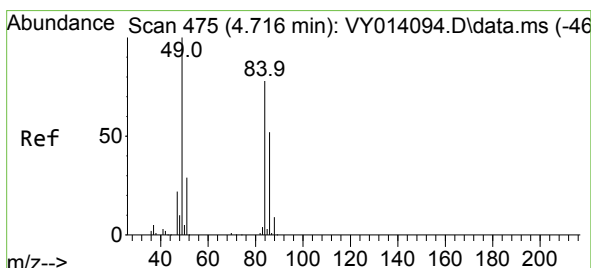
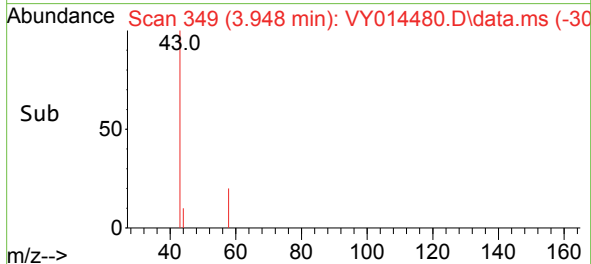
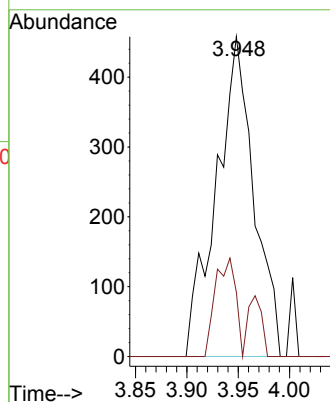
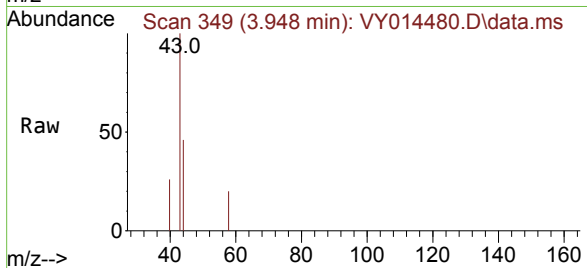
DUCT-1

Tgt Ion: 43 Resp: 1165

Ion Ratio Lower Upper

43 100

58 20.1 22.7 34.1#



#20

Methylene Chloride

Concen: 1.632 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY014480.D

Acq: 28 Jun 2023 14:58

Tgt Ion: 84 Resp: 3244

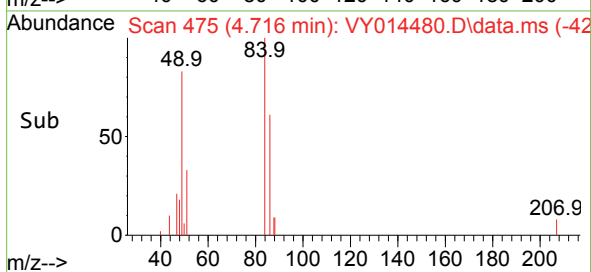
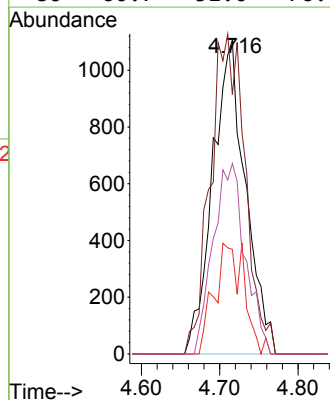
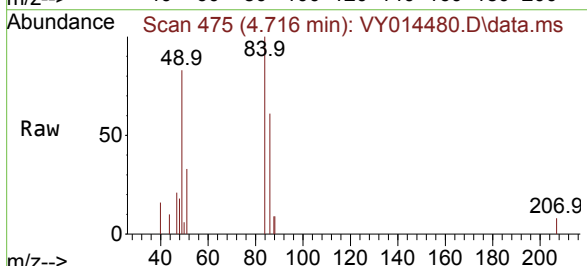
Ion Ratio Lower Upper

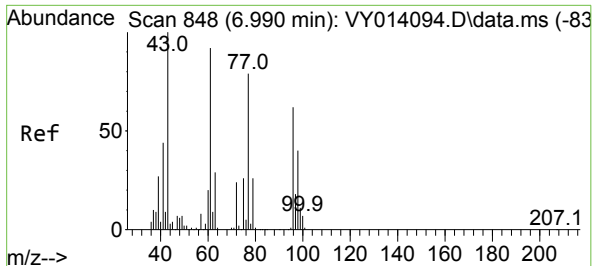
84 100

49 82.7 106.9 160.3#

51 33.4 33.2 49.8

86 60.7 51.0 76.6





#25

2-Butanone

Concen: 3.767 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014480.D

Acq: 28 Jun 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

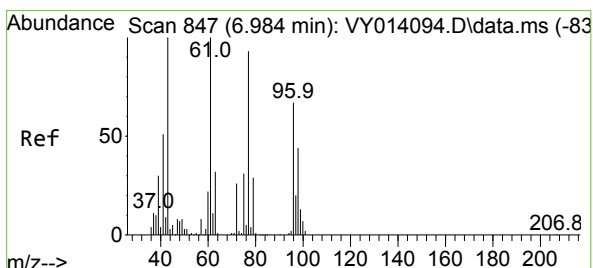
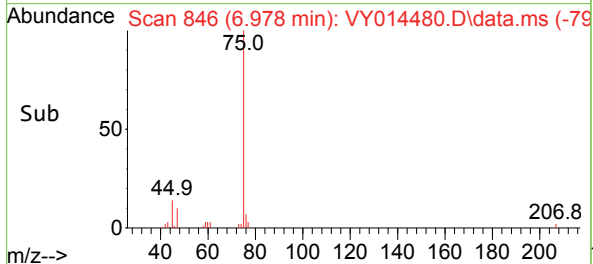
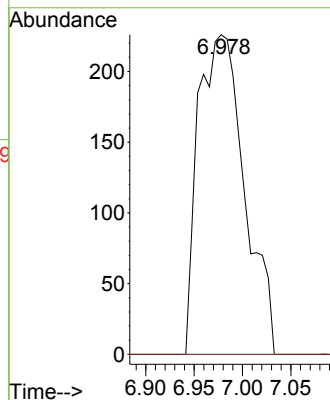
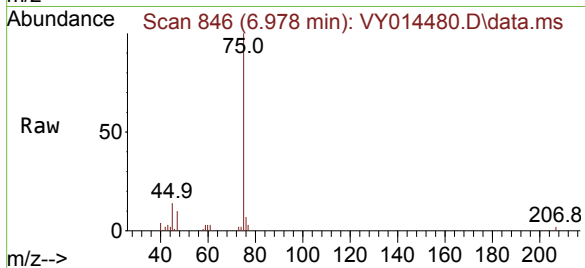
DUCT-1

Tgt Ion: 43 Resp: 752

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.001 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014480.D

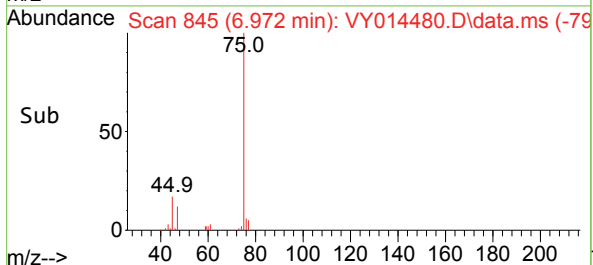
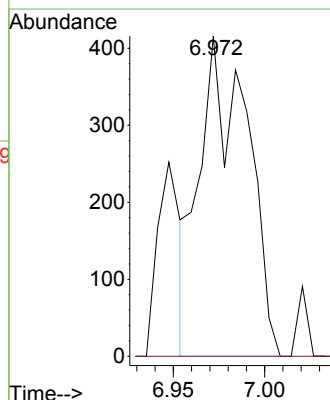
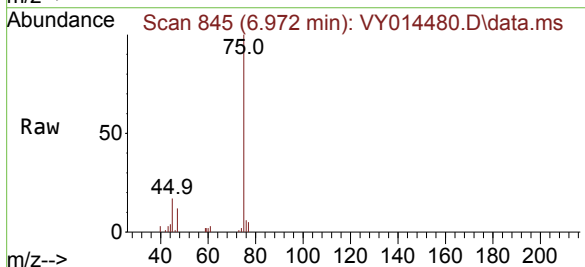
Acq: 28 Jun 2023 14:58

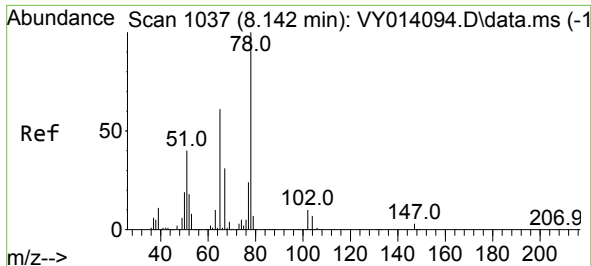
Tgt Ion: 77 Resp: 754

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

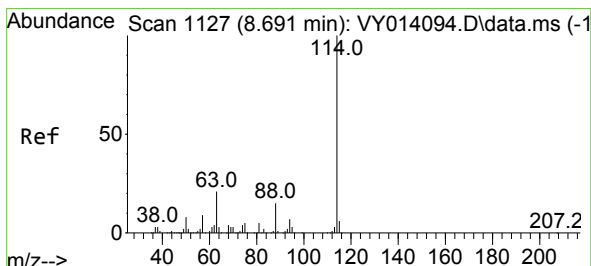
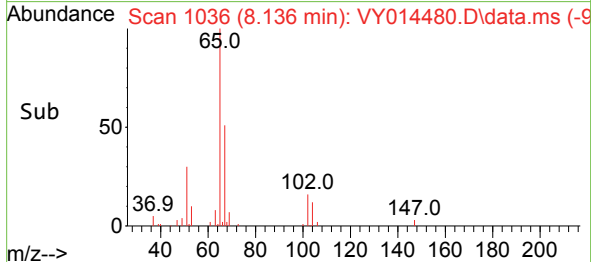
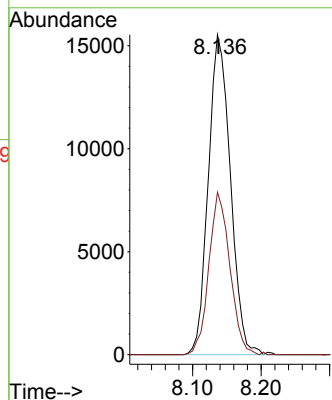
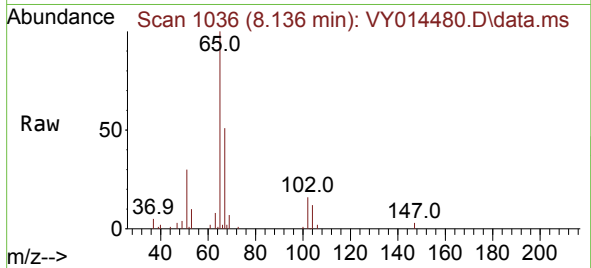




#33
 1,2-Dichloroethane-d4
 Concen: 68.399 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY014480.D
 Acq: 28 Jun 2023 14:58

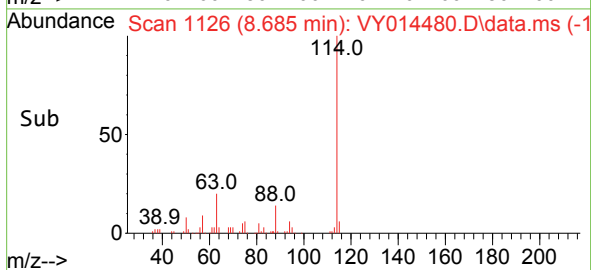
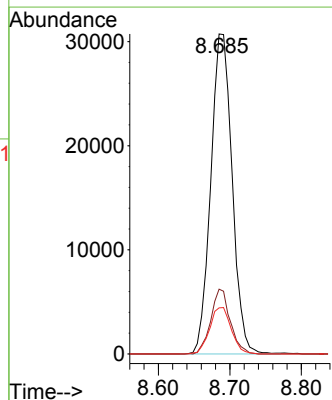
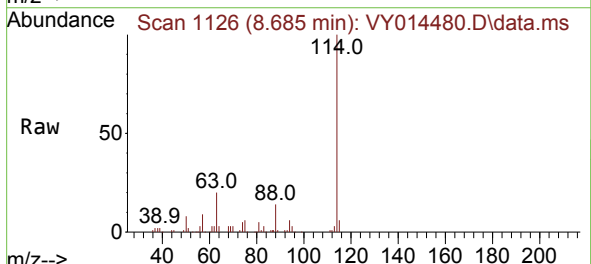
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCT-1

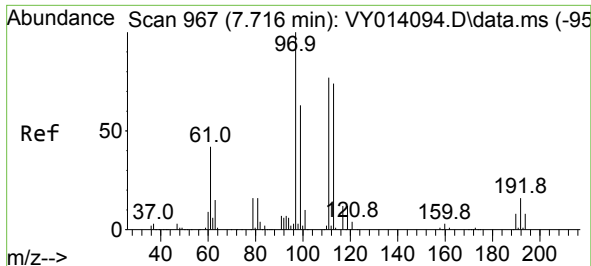
Tgt Ion: 65 Resp: 34843
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014480.D
 Acq: 28 Jun 2023 14:58

Tgt Ion: 114 Resp: 63792
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 14.4 0.0 30.6

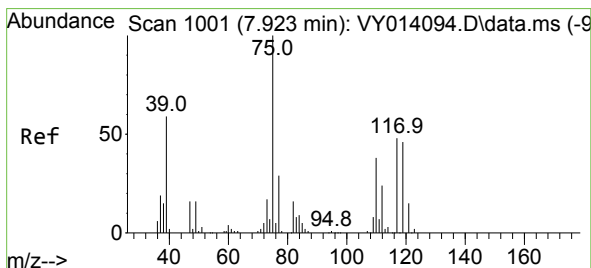
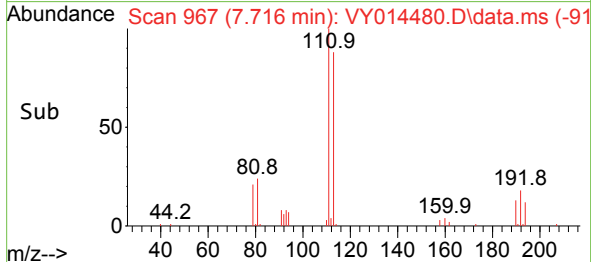
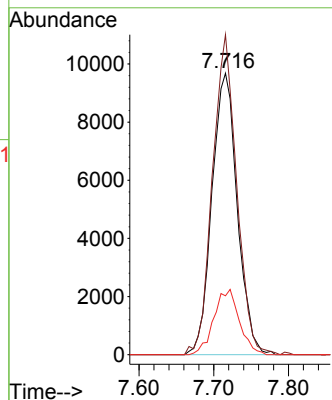
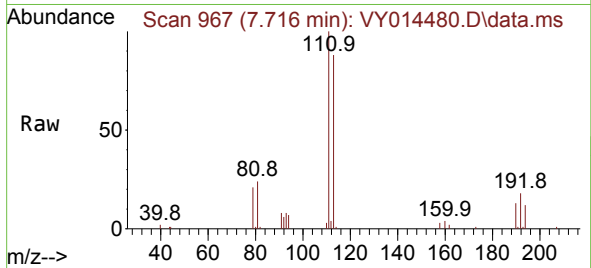




#35
Dibromofluoromethane
Concen: 57.916 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014480.D
Acq: 28 Jun 2023 14:58

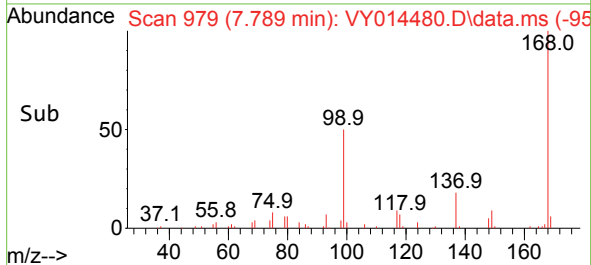
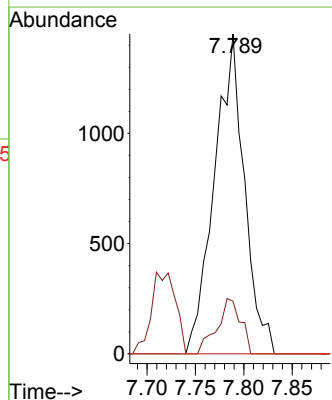
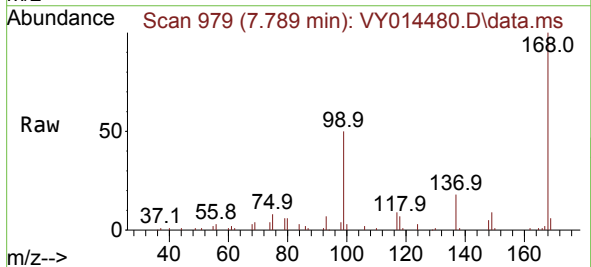
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-1

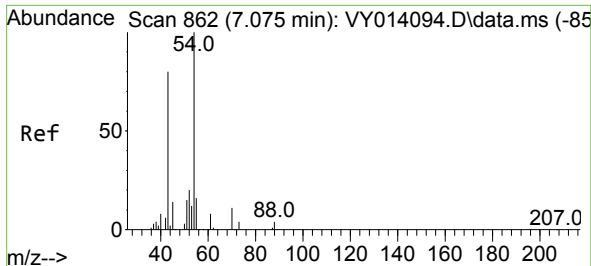
Tgt Ion:113 Resp: 22826
Ion Ratio Lower Upper
113 100
111 108.1 81.3 121.9
192 23.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014480.D
Acq: 28 Jun 2023 14:58

Tgt Ion: 75 Resp: 3126
Ion Ratio Lower Upper
75 100
110 13.6 17.8 53.5#
77 0.0 24.4 36.6#

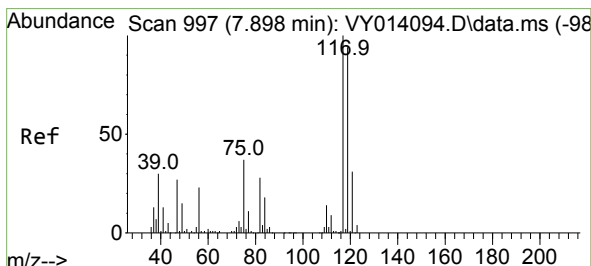
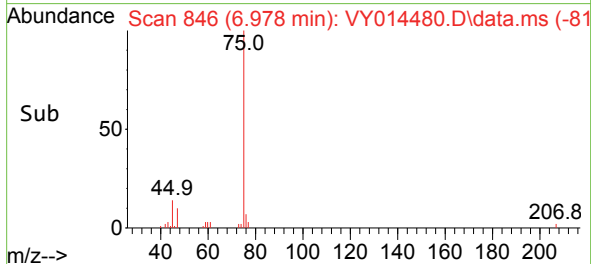
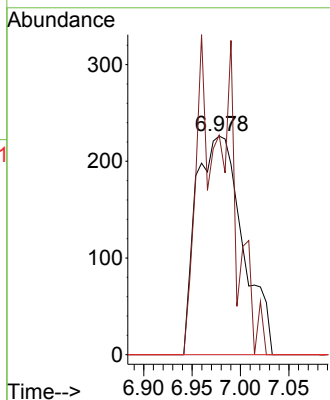
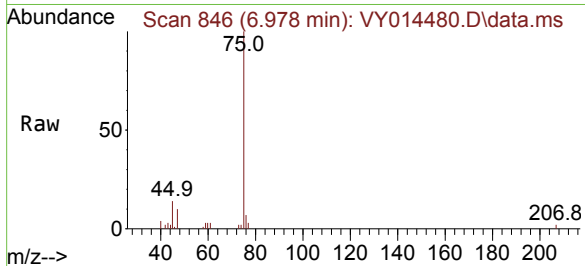




#37
Ethyl Acetate
Concen: 1.797 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.097 min
Lab File: VY014480.D
Acq: 28 Jun 2023 14:58

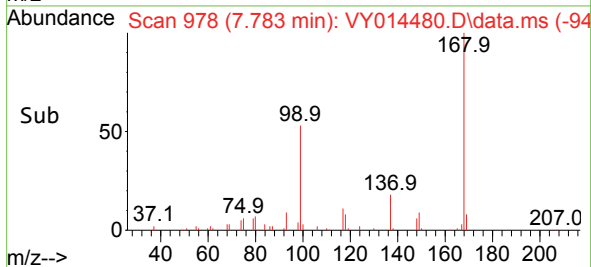
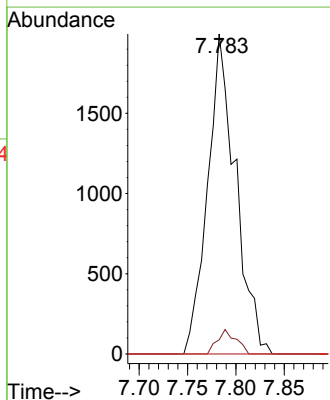
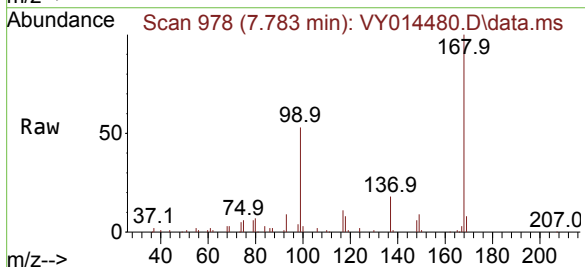
Instrument :
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ClientSampleId :
DUCT-1

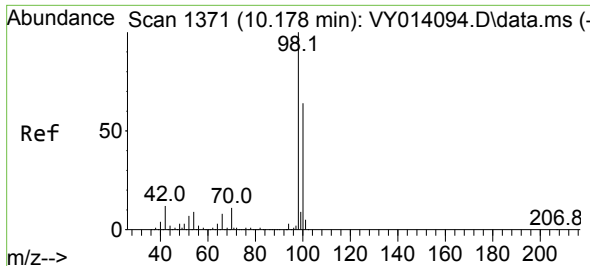
Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
61 52.3 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.253 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.115 min
Lab File: VY014480.D
Acq: 28 Jun 2023 14:58

Tgt Ion: 117 Resp: 4015
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#

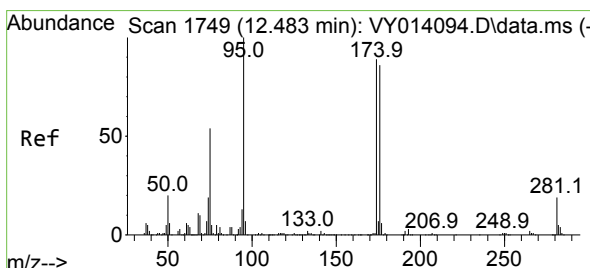
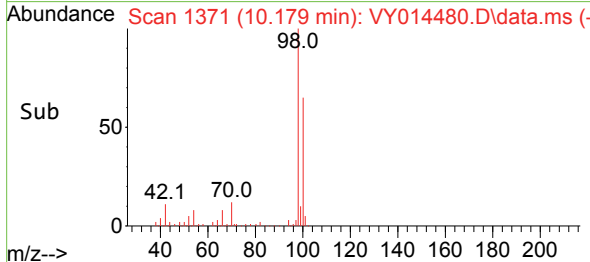
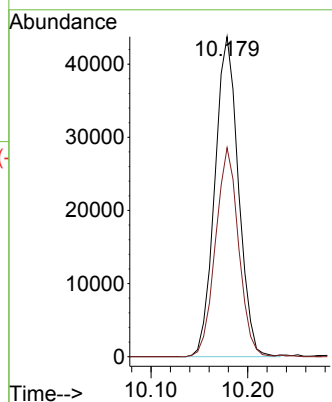
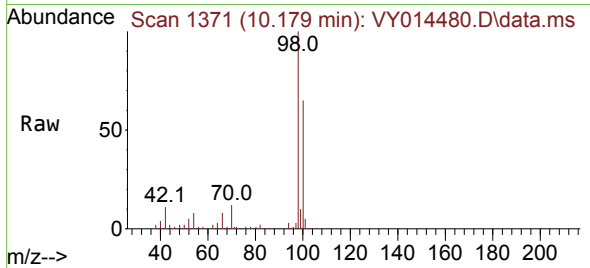




#50
Toluene-d8
Concen: 47.303 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014480.D
Acq: 28 Jun 2023 14:58

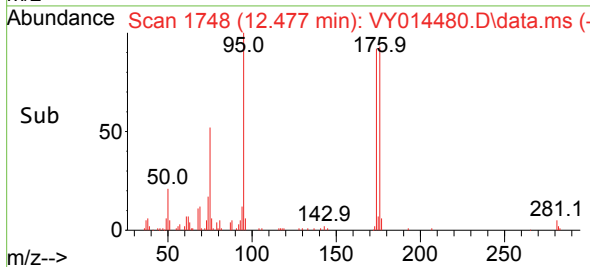
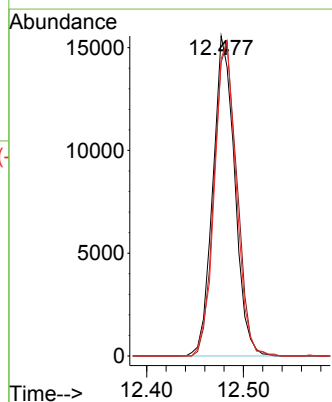
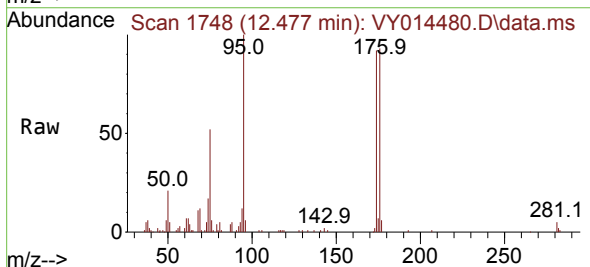
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-1

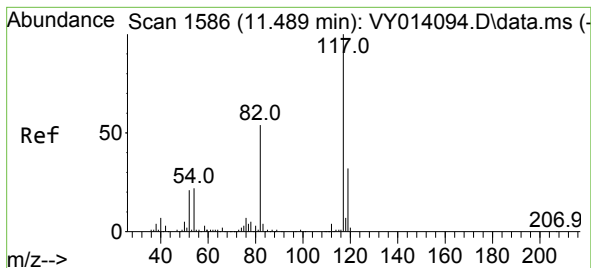
Tgt Ion: 98 Resp: 74109
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.557 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014480.D
Acq: 28 Jun 2023 14:58

Tgt Ion: 95 Resp: 24362
Ion Ratio Lower Upper
95 100
174 101.9 0.0 178.2
176 98.4 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: VY014480.D

Acq: 28 Jun 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

DUCT-1

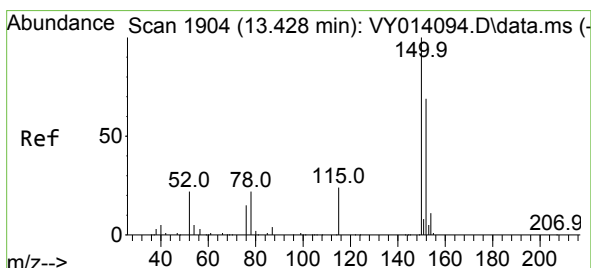
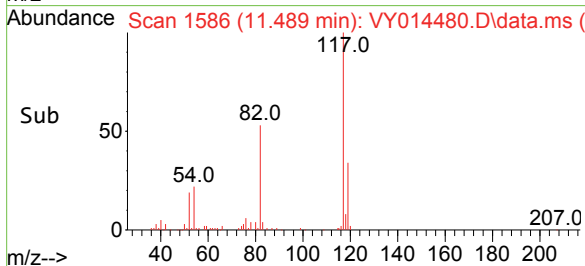
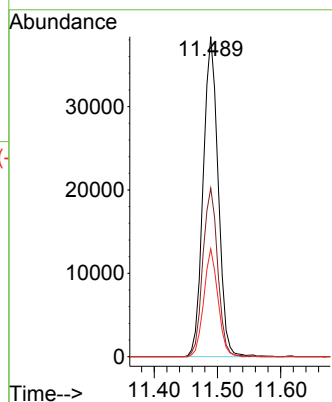
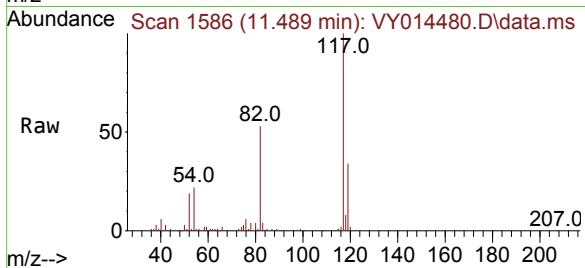
Tgt Ion:117 Resp: 63448

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 33.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014480.D

Acq: 28 Jun 2023 14:58

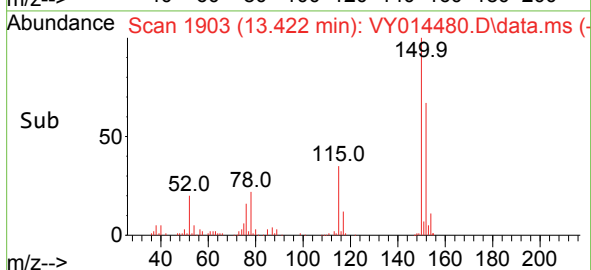
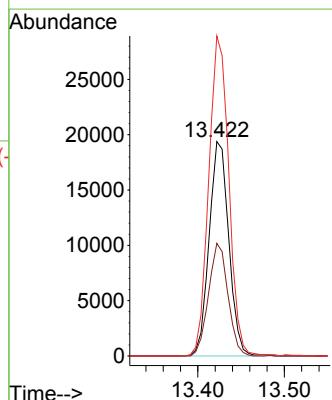
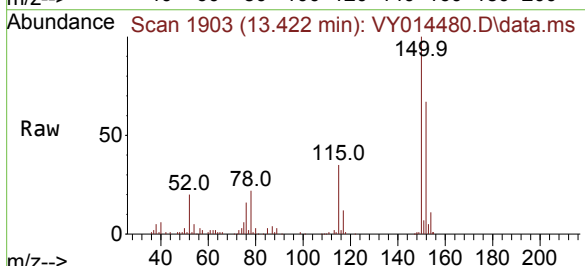
Tgt Ion:152 Resp: 30545

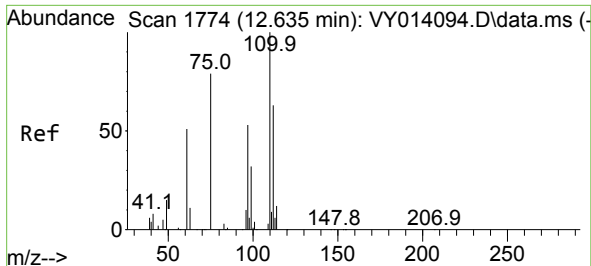
Ion Ratio Lower Upper

152 100

115 51.9 28.8 86.5

150 152.1 0.0 348.8

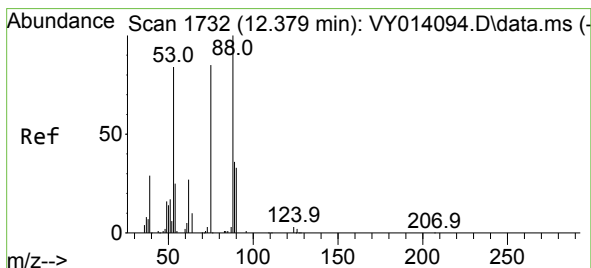
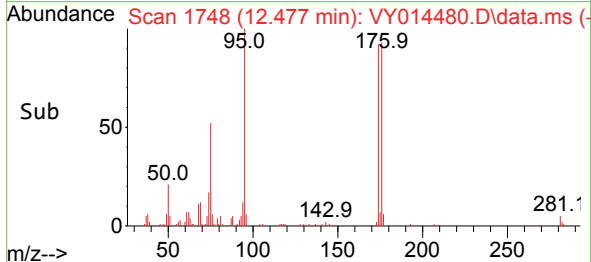
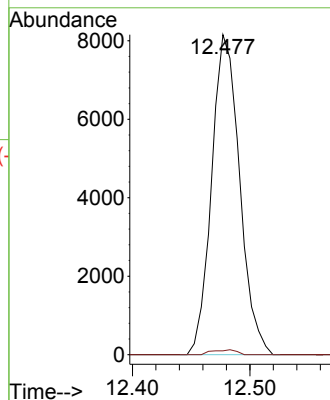
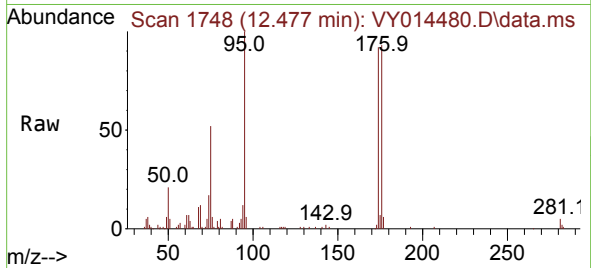




#76
1,2,3-Trichloropropane
Concen: 35.262 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014480.D
Acq: 28 Jun 2023 14:58

Instrument :
MSVOA_Y
ClientSampleId :
DUCT-1

Tgt Ion: 75 Resp: 13511
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.280 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014480.D
Acq: 28 Jun 2023 14:58

Tgt Ion: 75 Resp: 13511
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

