

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013476.D
 Acq On : 26 Apr 2023 16:16
 Operator : KP/MD
 Sample : 02390-10RE
 Misc : 3.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPC-3WC-23-04-17

Quant Time: Apr 27 01:34:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

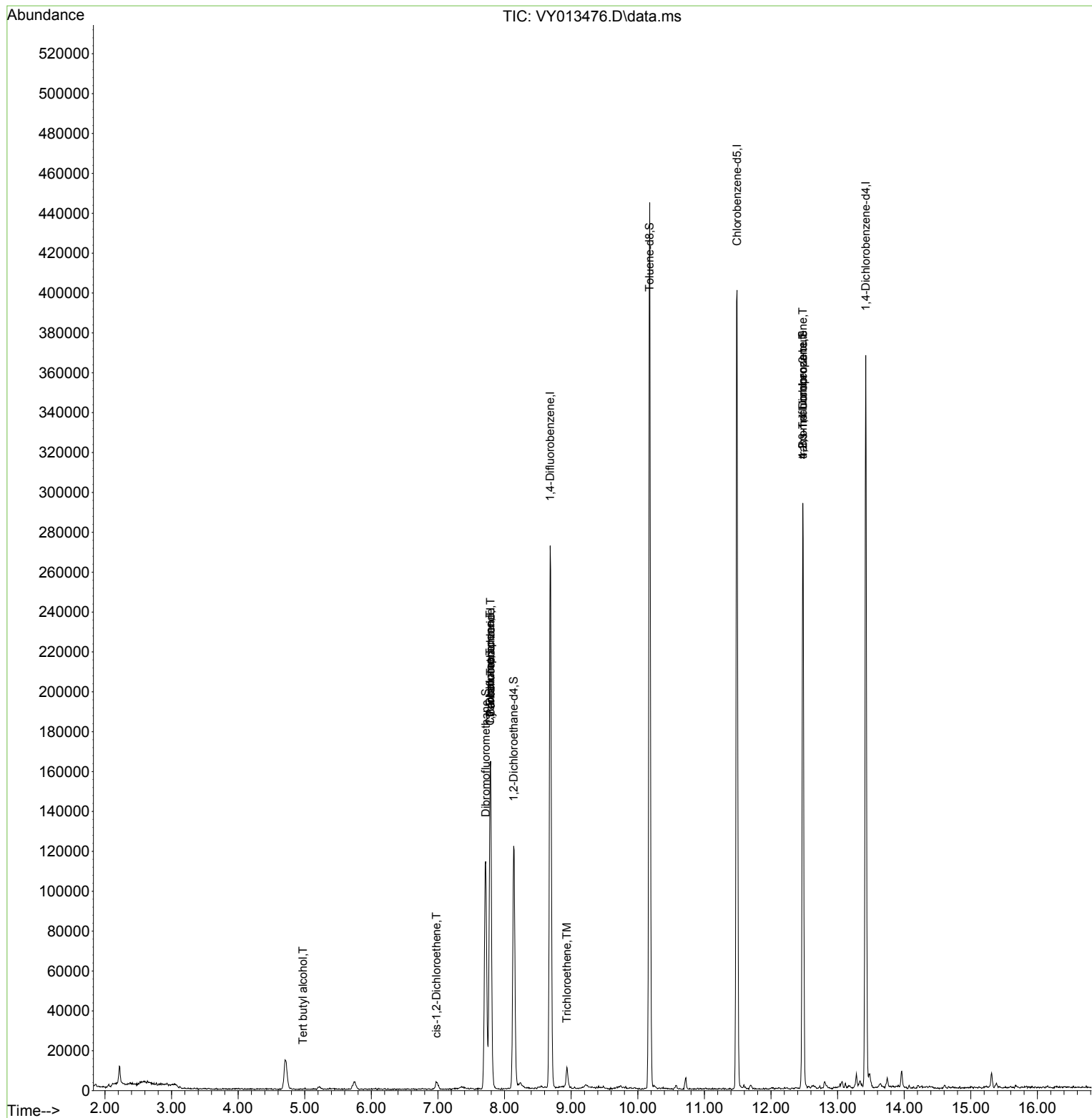
Internal Standards						
1) Pentafluorobenzene	7.789	168	120459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	219186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	94649	71.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.360%	
35) Dibromofluoromethane	7.716	113	81315	58.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.960%	
50) Toluene-d8	10.179	98	271155	55.291	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.580%	
62) 4-Bromofluorobenzene	12.477	95	83430	50.462	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	73	1.139	ug/l #	89
13) Acrolein	3.723	56	51	Below Cal	#	16
20) Methylene Chloride	4.716	84	10421	Below Cal		95
27) cis-1,2-Dichloroethene	6.978	96	1841	1.217	ug/l	88
31) Cyclohexane	7.783	56	3426	1.449	ug/l #	23
36) 1,1-Dichloropropene	7.783	75	11089	4.847	ug/l #	48
38) Carbon Tetrachloride	7.789	117	12618	5.262	ug/l #	15
44) Trichloroethene	8.935	130	3237	1.888	ug/l	97
76) 1,2,3-Trichloropropane	12.477	75	46405	40.571	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46405	82.991	ug/l #	13

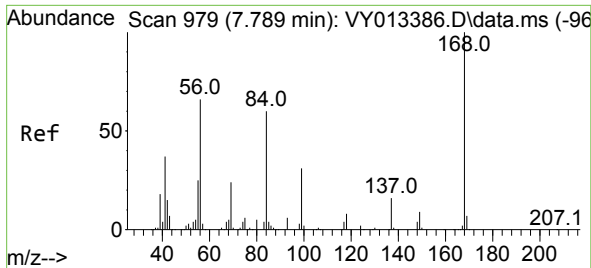
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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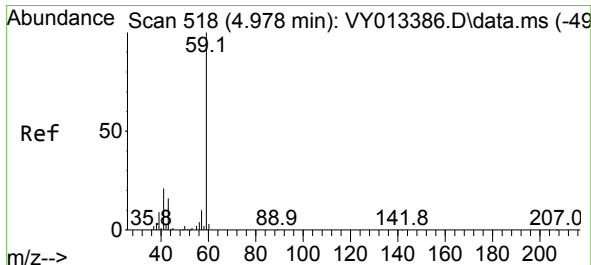
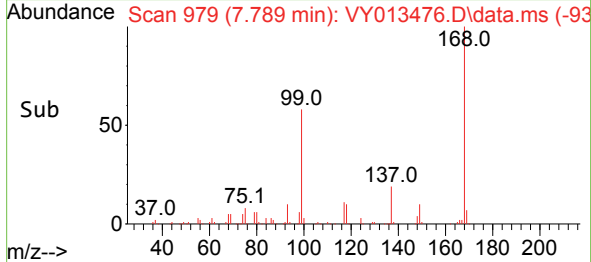
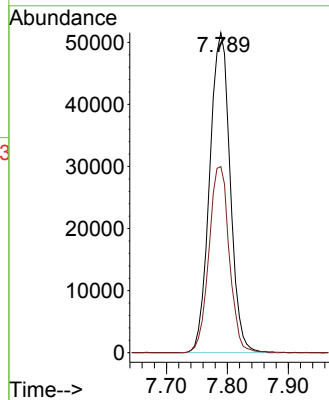
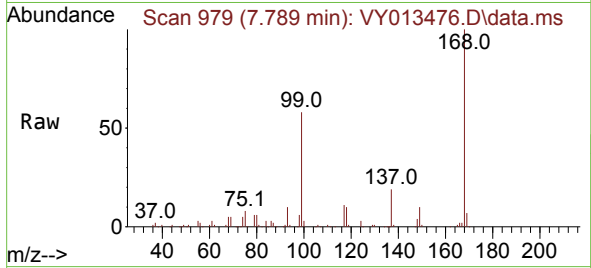




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

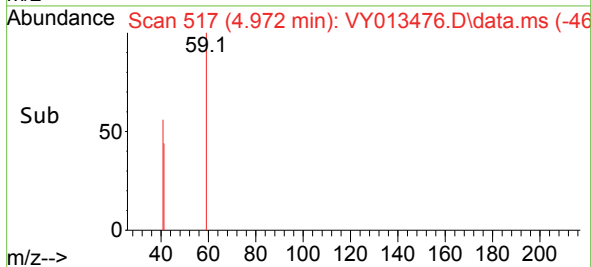
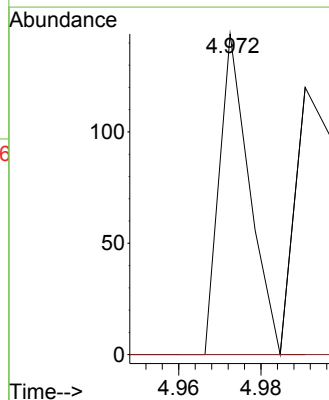
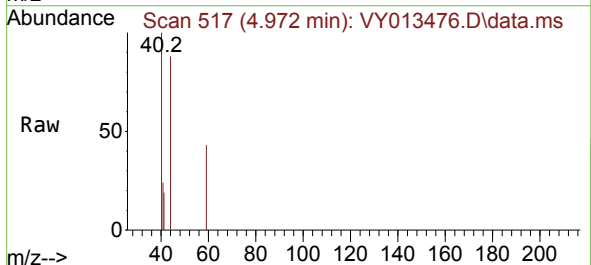
Instrument :
MSVOA_Y
ClientSampleId :
SPC-3WC-23-04-17

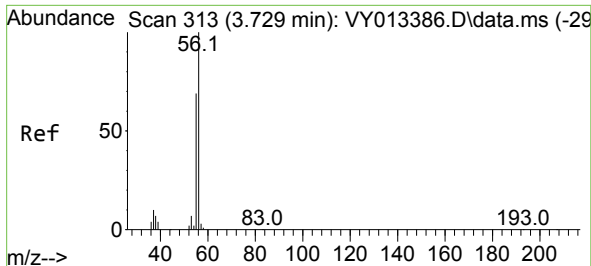
Tgt Ion:168 Resp: 120459
Ion Ratio Lower Upper
168 100
99 58.2 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.139 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#13

Acrolein

Concen: Below Cal

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013476.D

Acq: 26 Apr 2023 16:16

Instrument :

MSVOA_Y

ClientSampleId :

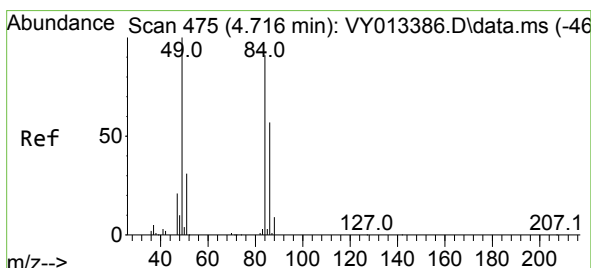
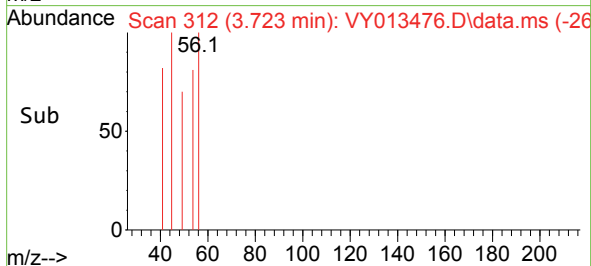
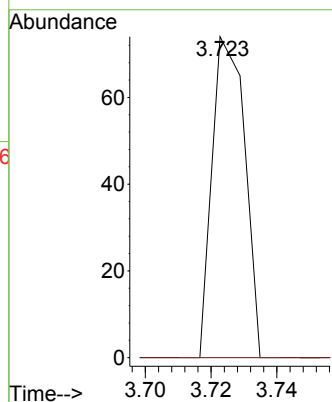
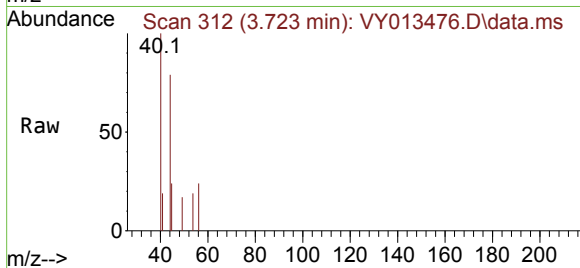
SPC-3WC-23-04-17

Tgt Ion: 56 Resp: 51

Ion Ratio Lower Upper

56 100

55 0.0 54.1 81.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013476.D

Acq: 26 Apr 2023 16:16

Tgt Ion: 84 Resp: 10421

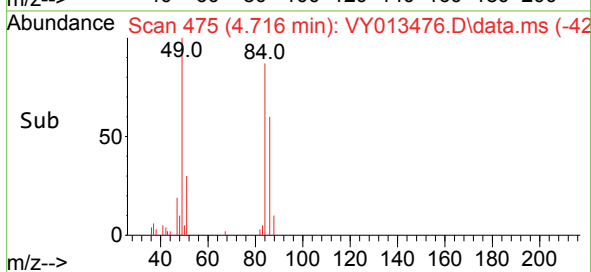
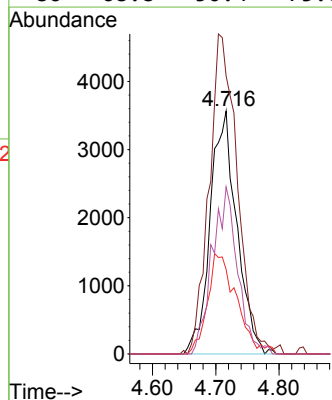
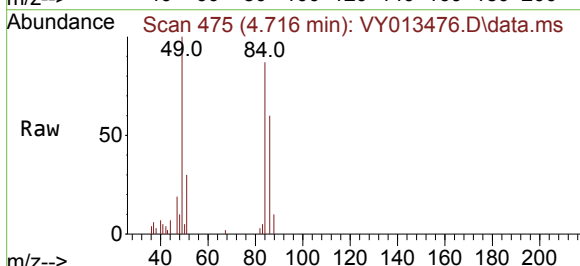
Ion Ratio Lower Upper

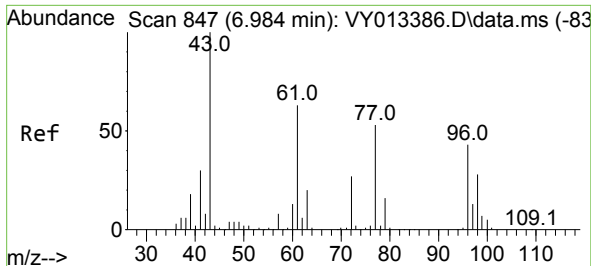
84 100

49 114.4 88.0 132.0

51 34.8 27.4 41.0

86 68.8 50.4 75.6

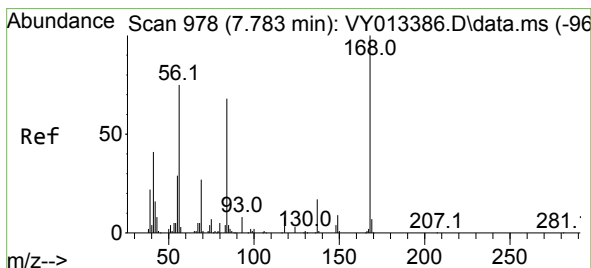
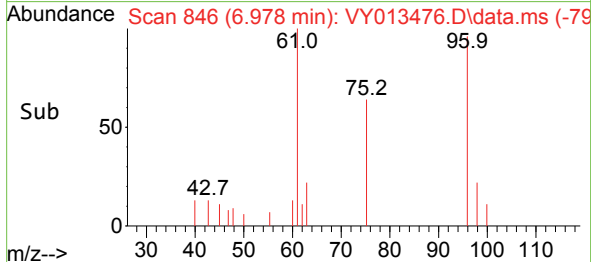
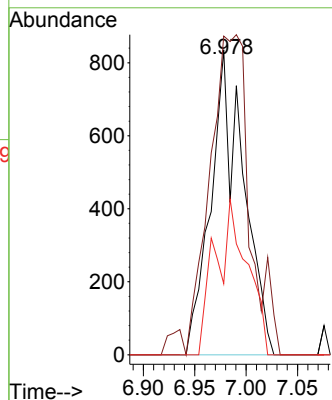
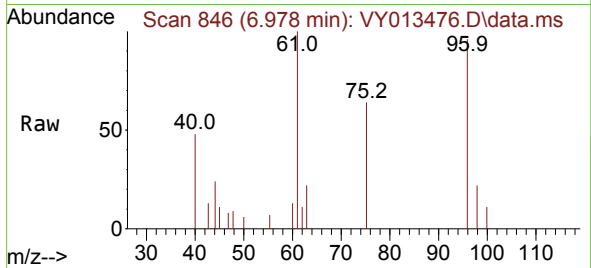




#27
 cis-1,2-Dichloroethene
 Concen: 1.217 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY013476.D
 Acq: 26 Apr 2023 16:16

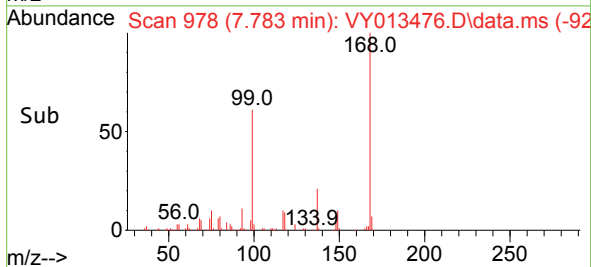
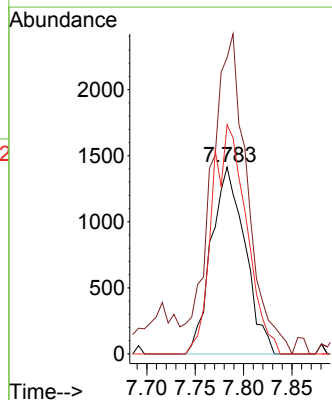
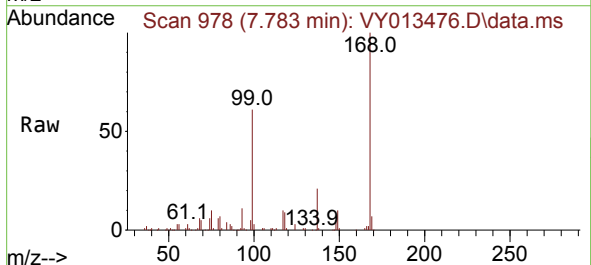
Instrument :
 MSVOA_Y
 ClientSampleId :
 SPC-3WC-23-04-17

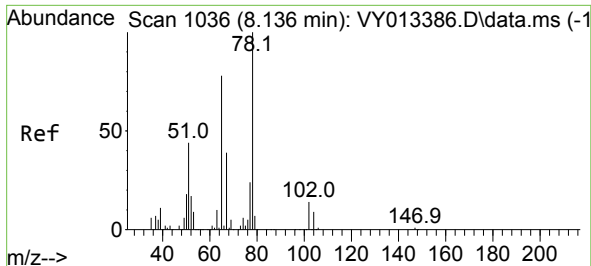
Tgt Ion: 96 Resp: 1841
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 285.0
 98 50.0 0.0 130.6



#31
 Cyclohexane
 Concen: 1.449 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.000 min
 Lab File: VY013476.D
 Acq: 26 Apr 2023 16:16

Tgt Ion: 56 Resp: 3426
 Ion Ratio Lower Upper
 56 100
 69 147.9 29.2 43.8#
 84 122.6 73.0 109.6#

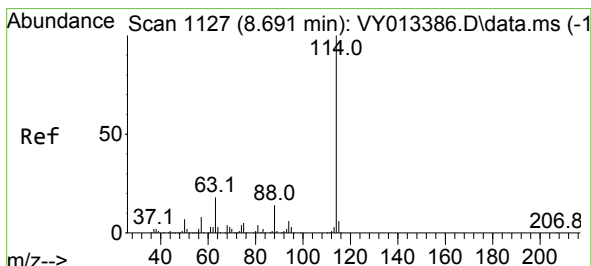
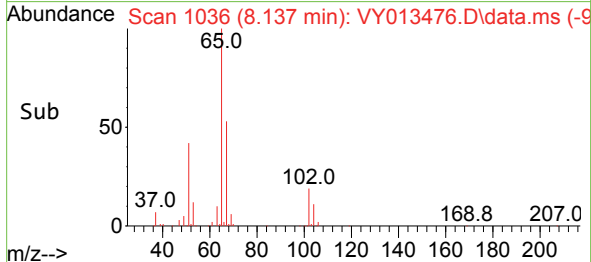
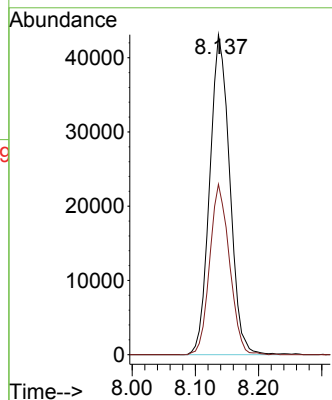
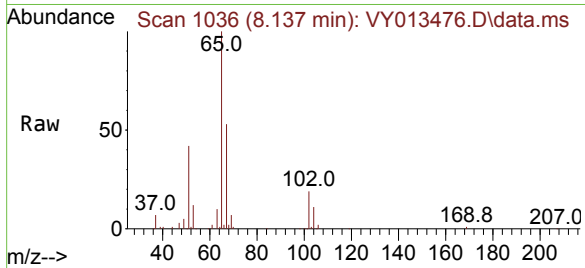




#33
 1,2-Dichloroethane-d4
 Concen: 71.677 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY013476.D
 Acq: 26 Apr 2023 16:16

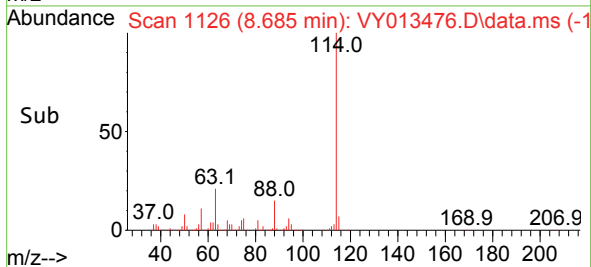
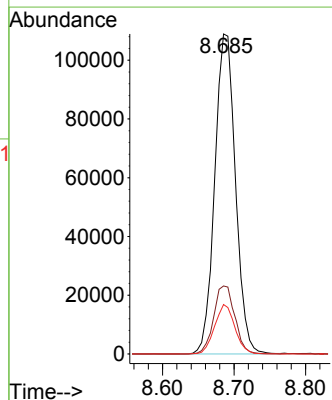
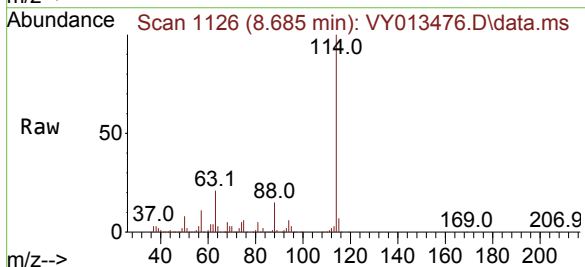
Instrument :
 MSVOA_Y
 ClientSampleId :
 SPC-3WC-23-04-17

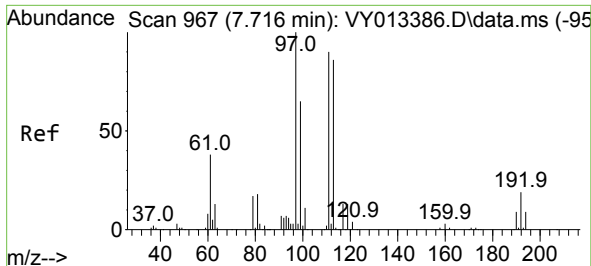
Tgt Ion: 65 Resp: 94649
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013476.D
 Acq: 26 Apr 2023 16:16

Tgt Ion: 114 Resp: 219186
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 36.6
 88 15.5 0.0 28.8

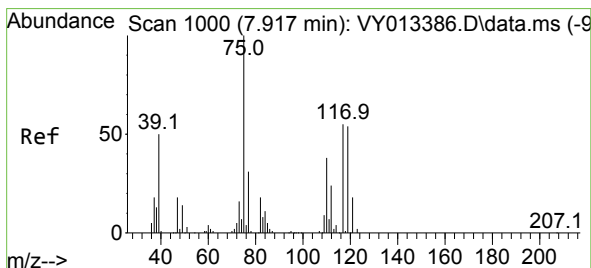
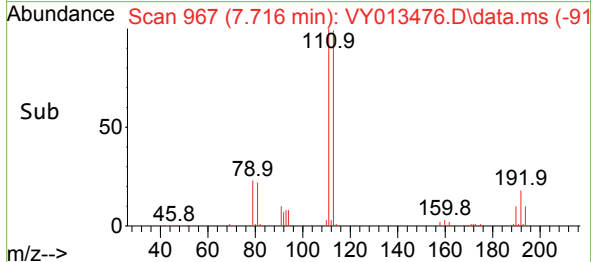
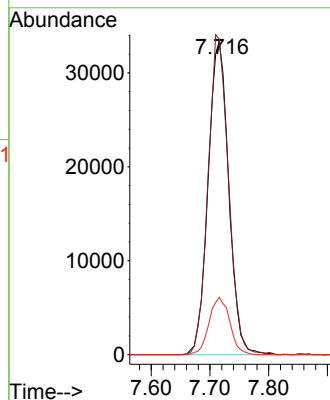
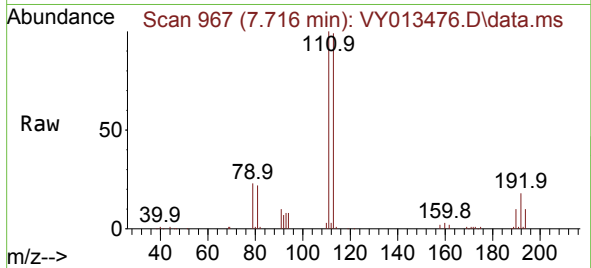




#35
Dibromofluoromethane
Concen: 58.985 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

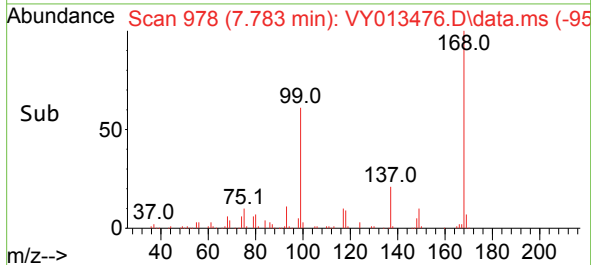
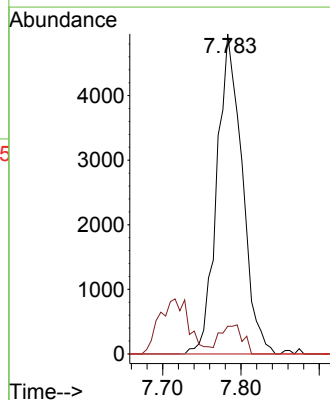
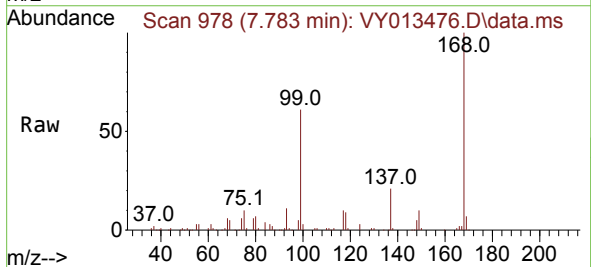
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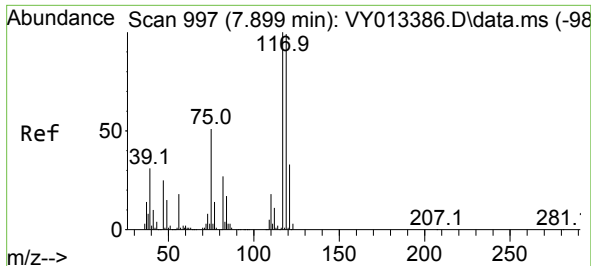
Tgt Ion:113 Resp: 81315
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 18.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.847 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

Tgt Ion: 75 Resp: 11089
Ion Ratio Lower Upper
75 100
110 8.3 18.7 56.1#
77 0.0 24.6 37.0#

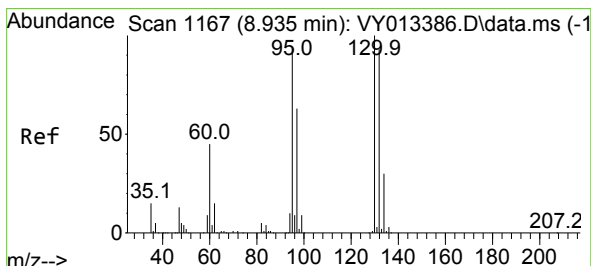
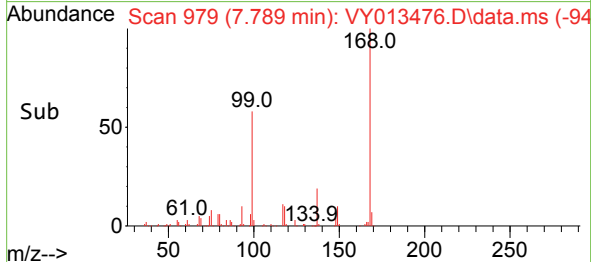
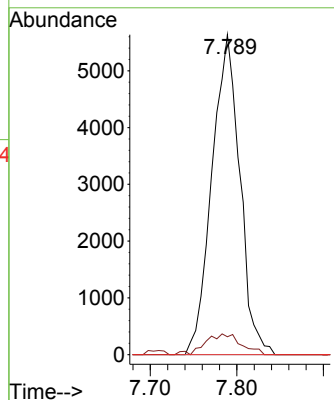
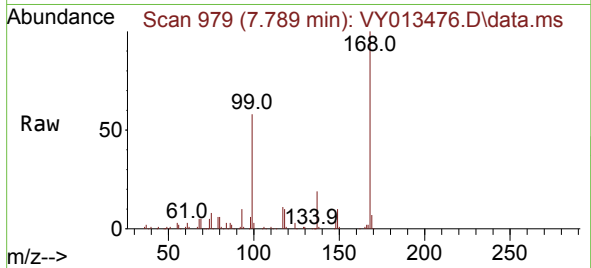




#38
Carbon Tetrachloride
Concen: 5.262 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

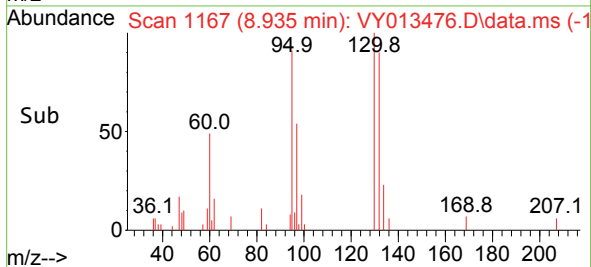
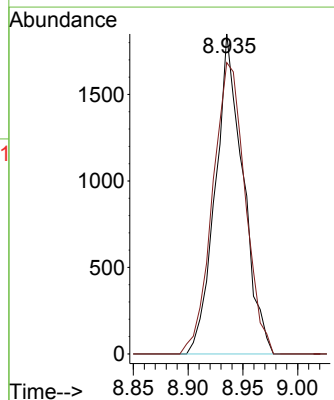
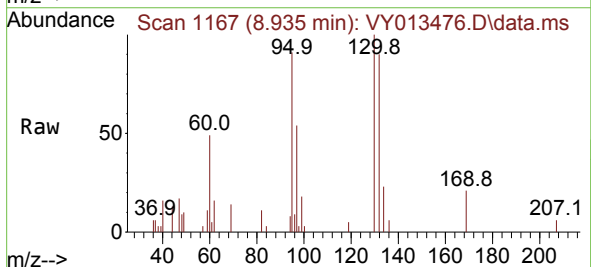
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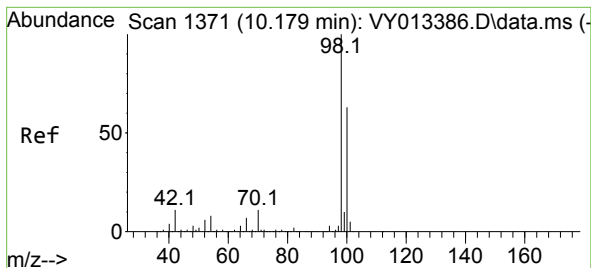
Tgt Ion:117 Resp: 12618
Ion Ratio Lower Upper
117 100
119 5.6 79.0 118.6#
121 0.0 26.6 40.0#



#44
Trichloroethene
Concen: 1.888 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

Tgt Ion:130 Resp: 3237
Ion Ratio Lower Upper
130 100
95 91.0 0.0 188.8

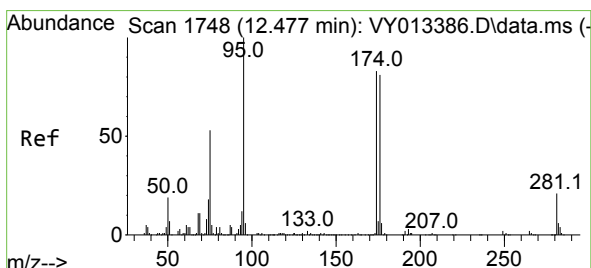
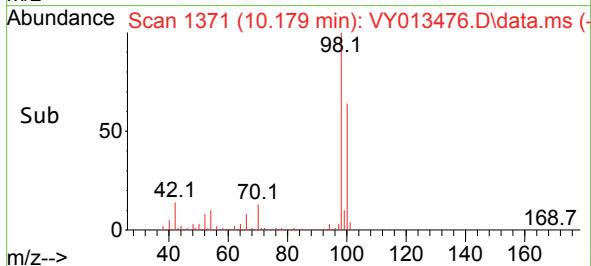
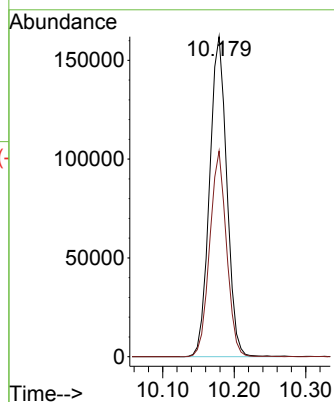
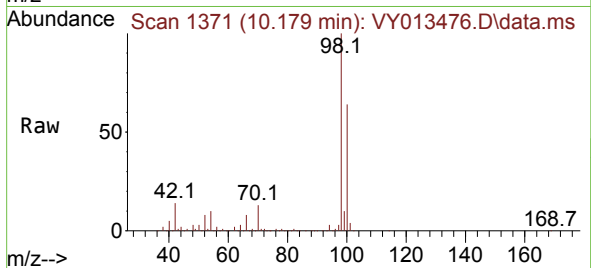




#50
Toluene-d8
Concen: 55.291 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

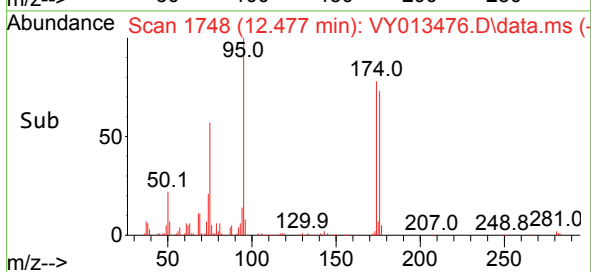
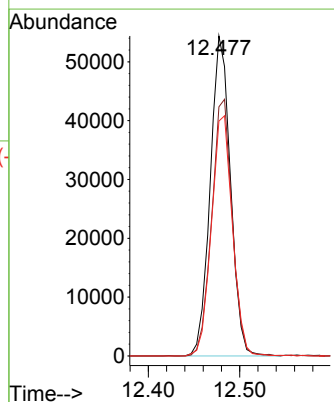
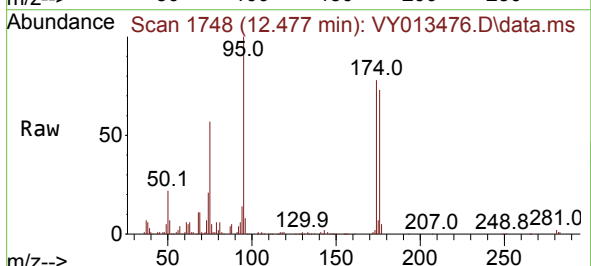
Instrument :
MSVOA_Y
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SPC-3WC-23-04-17

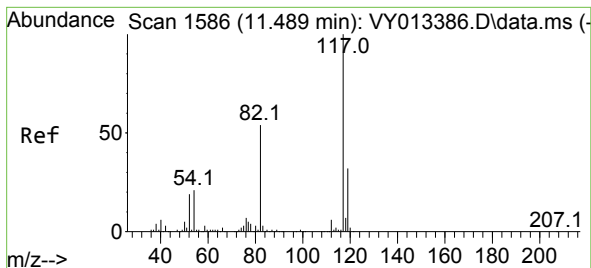
Tgt Ion: 98 Resp: 271155
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 50.462 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

Tgt Ion: 95 Resp: 83430
Ion Ratio Lower Upper
95 100
174 81.7 0.0 182.0
176 78.0 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013476.D

Acq: 26 Apr 2023 16:16

Instrument :

MSVOA_Y

ClientSampleId :

SPC-3WC-23-04-17

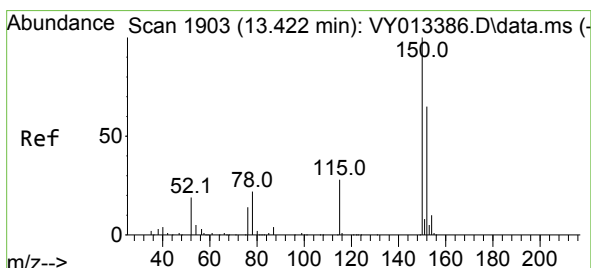
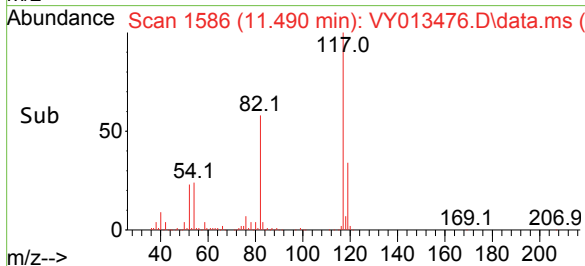
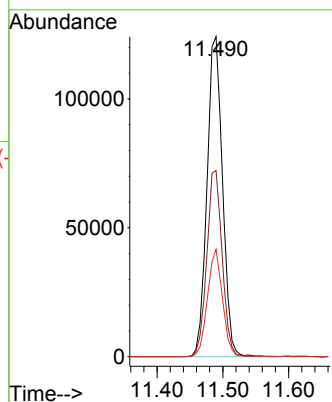
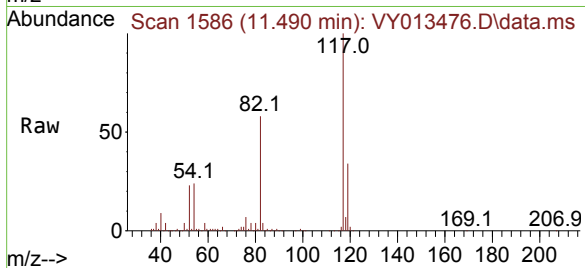
Tgt Ion:117 Resp: 203657

Ion Ratio Lower Upper

117 100

82 58.2 43.0 64.6

119 33.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013476.D

Acq: 26 Apr 2023 16:16

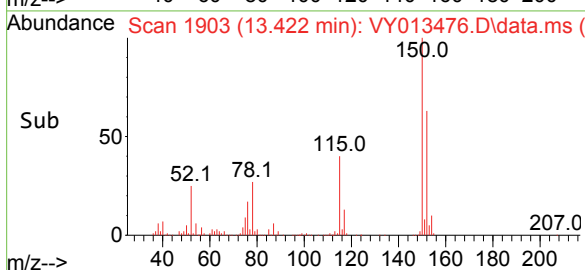
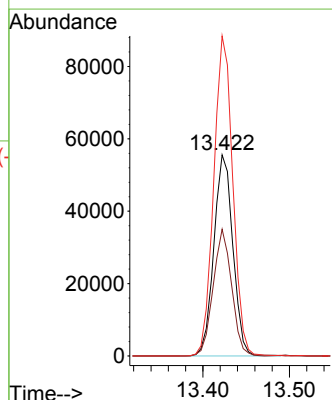
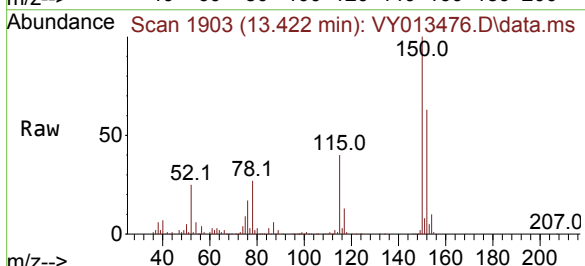
Tgt Ion:152 Resp: 84812

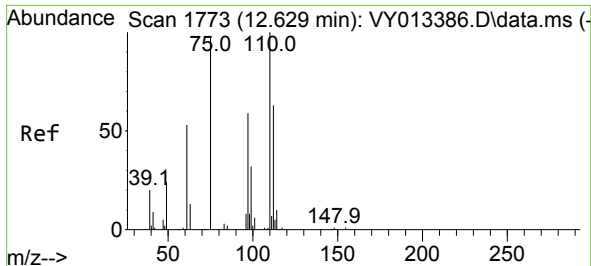
Ion Ratio Lower Upper

152 100

115 61.2 28.1 84.2

150 159.2 0.0 352.0

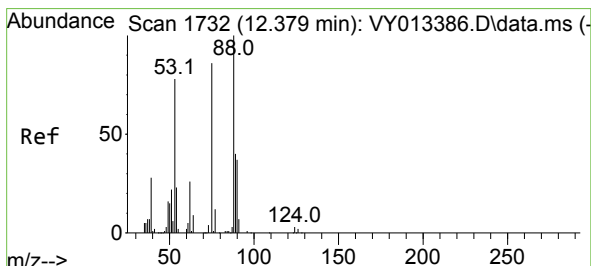
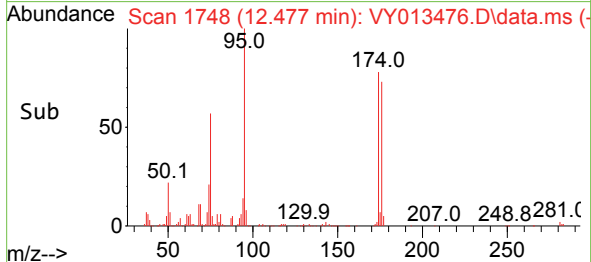
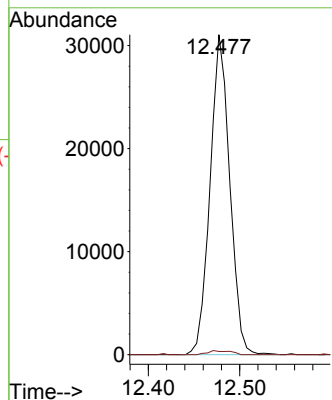
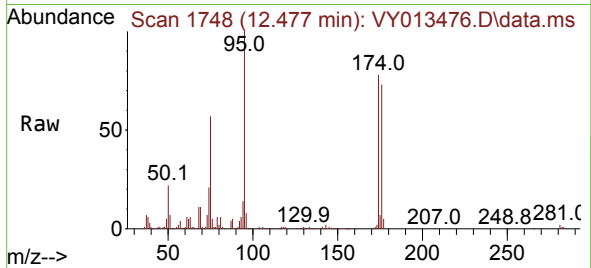




#76
1,2,3-Trichloropropane
Concen: 40.571 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

Instrument :
MSVOA_Y
ClientSampleId :
SPC-3WC-23-04-17

Tgt Ion: 75 Resp: 46405
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.991 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013476.D
Acq: 26 Apr 2023 16:16

Tgt Ion: 75 Resp: 46405
Ion Ratio Lower Upper
75 100
53 0.5 73.2 109.8#
89 0.0 38.0 57.0#

