

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013430.D
 Acq On : 25 Apr 2023 05:48
 Operator : KP/MD
 Sample : 02423-06
 Misc : 3.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPD-2WC-23-04-18

Quant Time: Apr 25 07:17:24 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)

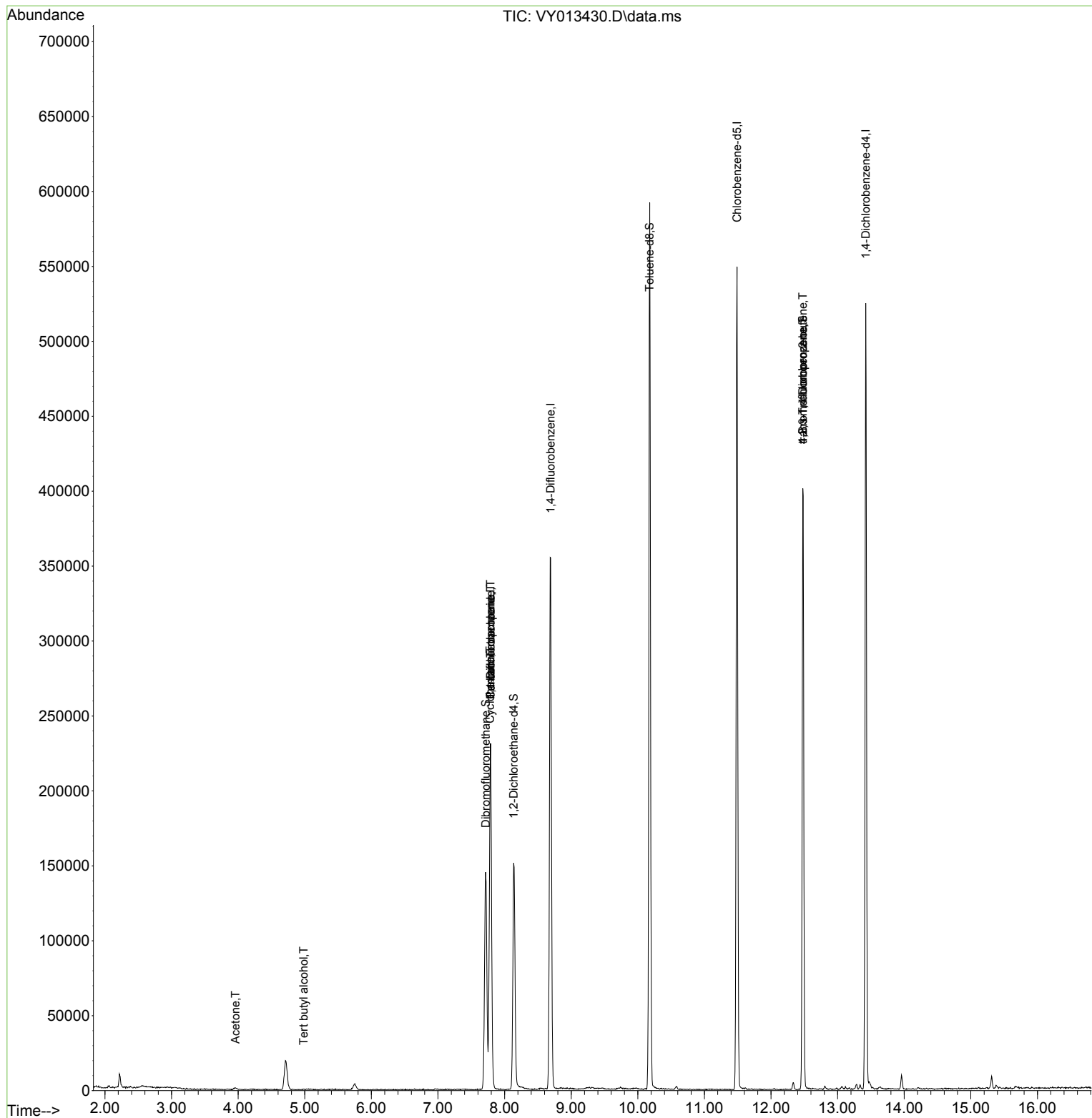
Internal Standards						
1) Pentafluorobenzene	7.789	168	178760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	304366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	288015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121719	62.114	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 124.220%		
35) Dibromofluoromethane	7.716	113	103348	53.987	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 107.980%		
50) Toluene-d8	10.179	98	374098	54.933	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 109.860%		
62) 4-Bromofluorobenzene	12.477	95	118269	51.515	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 103.020%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.985	59	106	1.129	ug/l #	89
13) Acrolein	3.753	56	24	Below Cal	#	75
16) Acetone	3.960	43	2035	2.637	ug/l #	80
20) Methylene Chloride	4.710	84	14349	Below Cal	#	87
31) Cyclohexane	7.783	56	3977	1.134	ug/l #	38
36) 1,1-Dichloropropene	7.789	75	13473	4.241	ug/l #	48
38) Carbon Tetrachloride	7.789	117	16976	5.098	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	62475	34.985	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62475	71.564	ug/l #	13

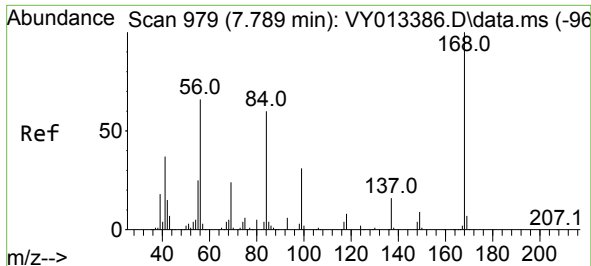
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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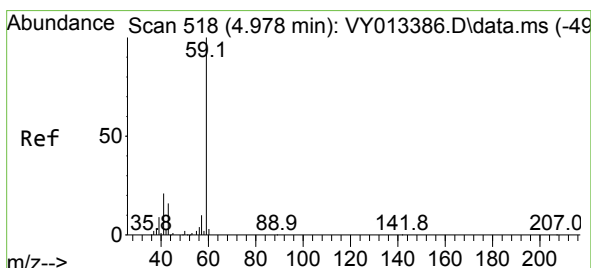
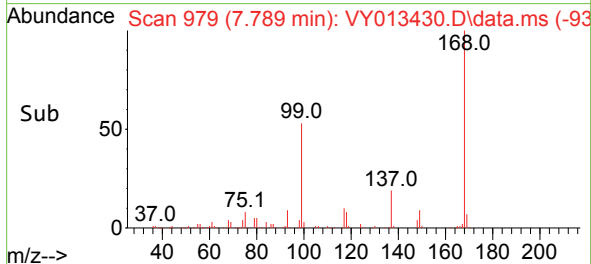
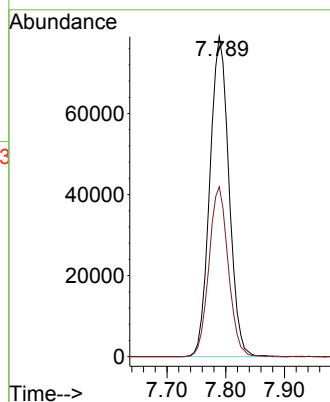
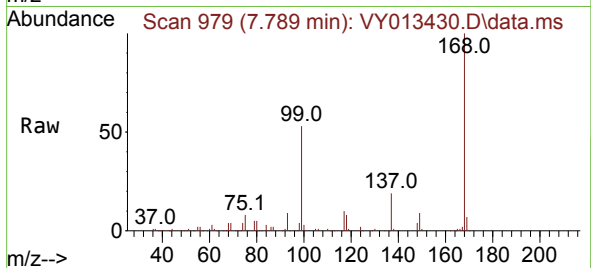




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

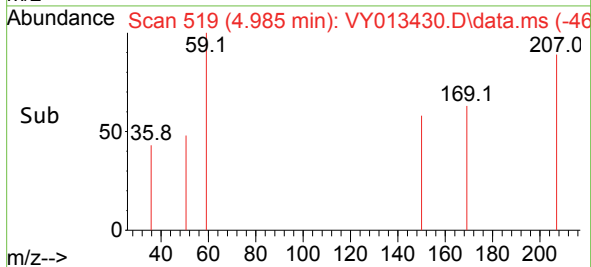
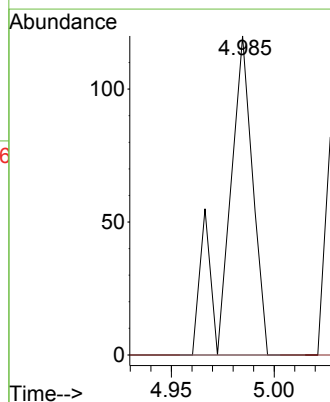
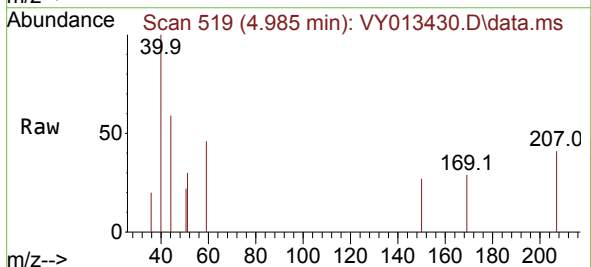
Instrument :
MSVOA_Y
ClientSampleId :
SPD-2WC-23-04-18

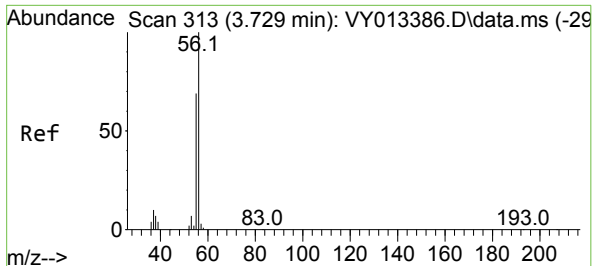
Tgt Ion:168 Resp: 178760
Ion Ratio Lower Upper
168 100
99 53.1 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.129 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.007 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

Tgt Ion: 59 Resp: 106
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#13

Acrolein

Concen: Below Cal

RT: 3.753 min Scan# 31

Delta R.T. 0.024 min

Lab File: VY013430.D

Acq: 25 Apr 2023 05:48

Instrument :

MSVOA_Y

ClientSampleId :

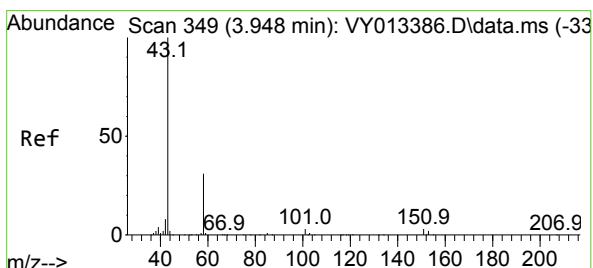
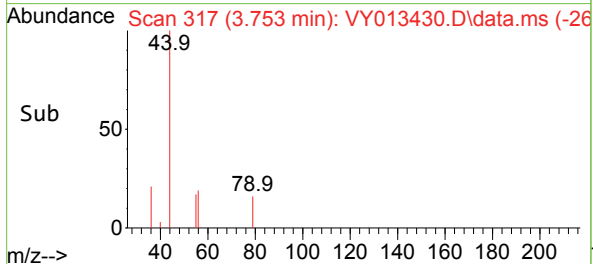
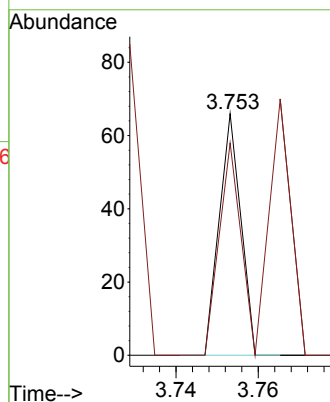
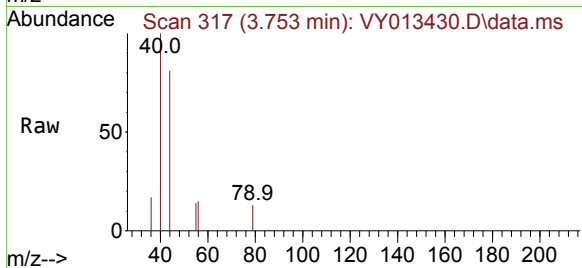
SPD-2WC-23-04-18

Tgt Ion: 56 Resp: 24

Ion Ratio Lower Upper

56 100

55 87.5 54.1 81.1#



#16

Acetone

Concen: 2.637 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY013430.D

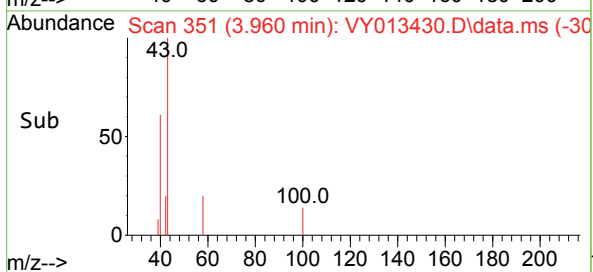
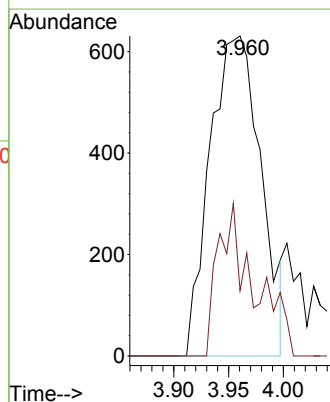
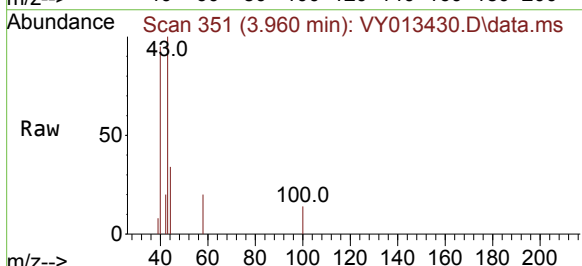
Acq: 25 Apr 2023 05:48

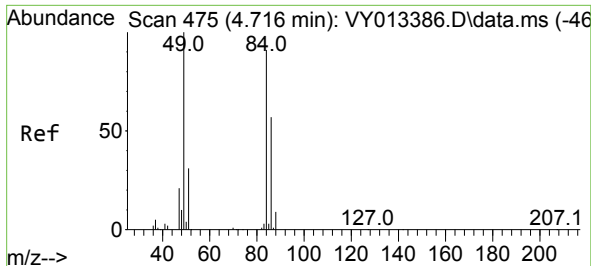
Tgt Ion: 43 Resp: 2035

Ion Ratio Lower Upper

43 100

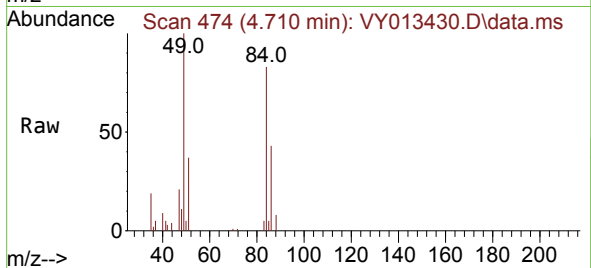
58 20.4 25.4 38.0#



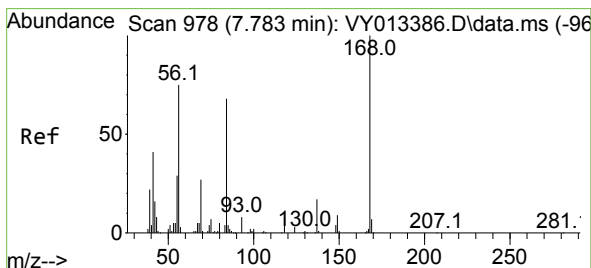
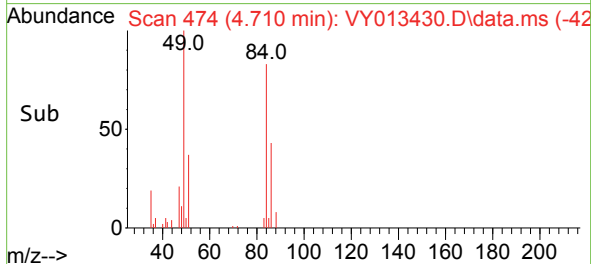
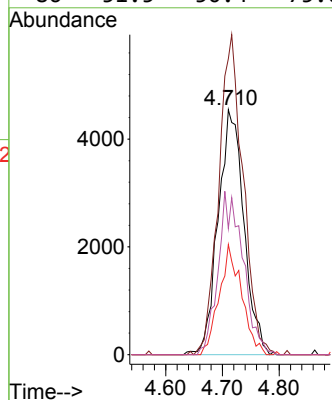


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

Instrument :
MSVOA_Y
ClientSampleId :
SPD-2WC-23-04-18

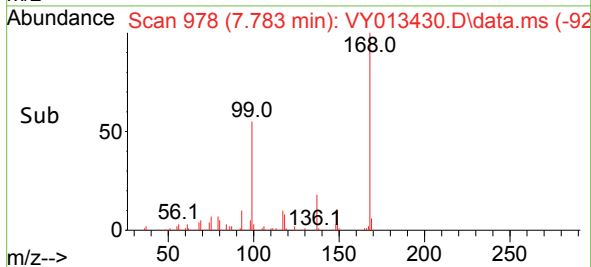
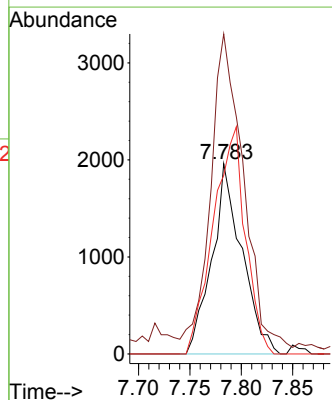
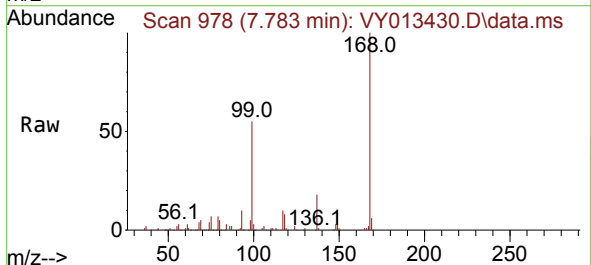


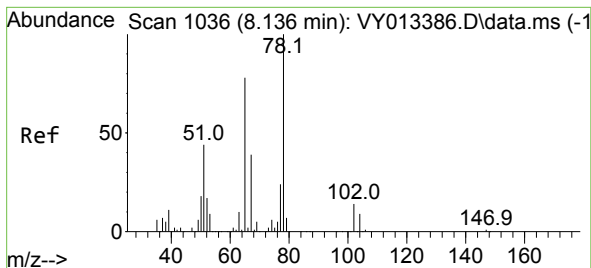
Tgt Ion: 84 Resp: 14349
Ion Ratio Lower Upper
84 100
49 120.8 88.0 132.0
51 44.9 27.4 41.0#
86 51.5 50.4 75.6



#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

Tgt Ion: 56 Resp: 3977
Ion Ratio Lower Upper
56 100
69 160.6 29.2 43.8#
84 93.9 73.0 109.6





#33

1,2-Dichloroethane-d4

Concen: 62.114 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013430.D

Acq: 25 Apr 2023 05:48

Instrument :

MSVOA_Y

ClientSampleId :

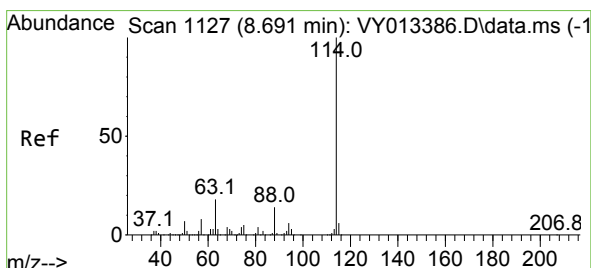
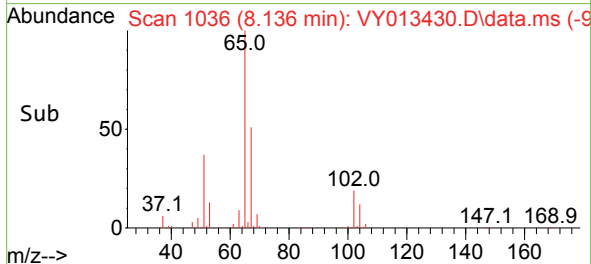
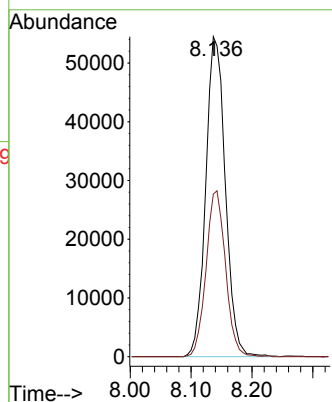
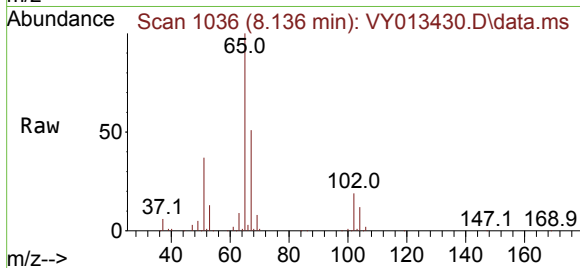
SPD-2WC-23-04-18

Tgt Ion: 65 Resp: 121719

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013430.D

Acq: 25 Apr 2023 05:48

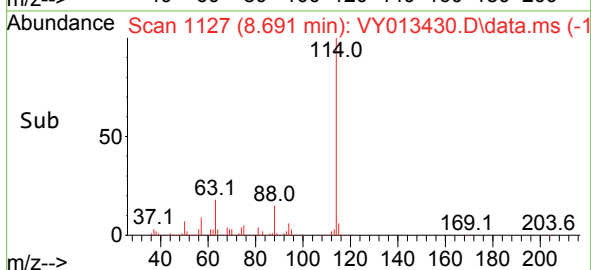
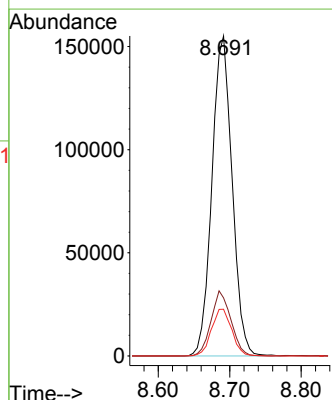
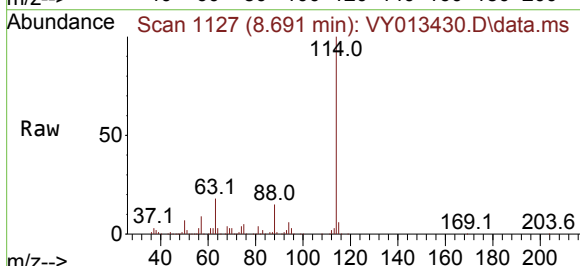
Tgt Ion: 114 Resp: 304366

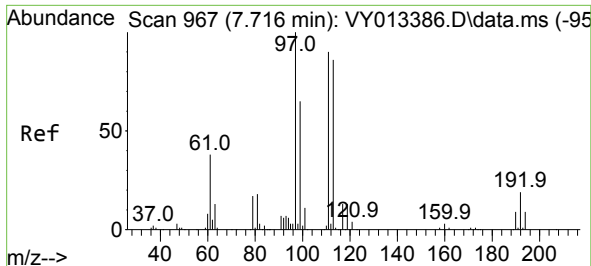
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

88 14.6 0.0 28.8

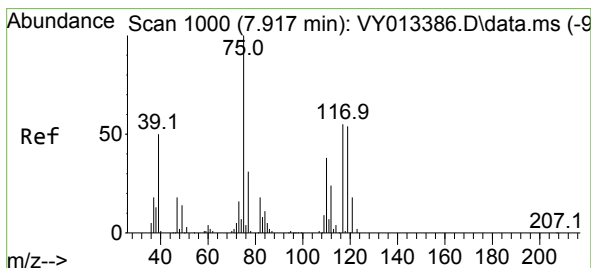
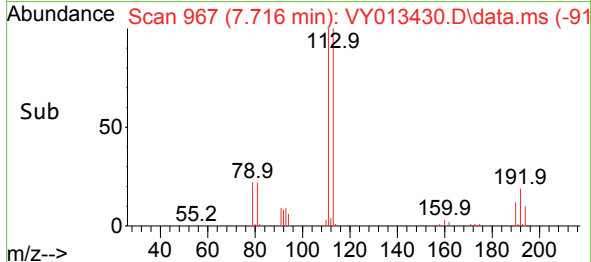
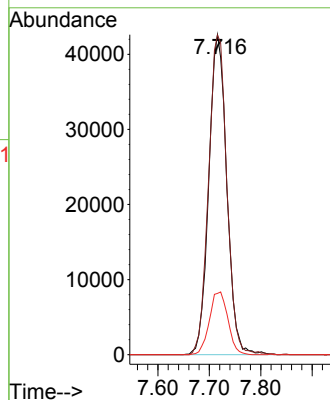
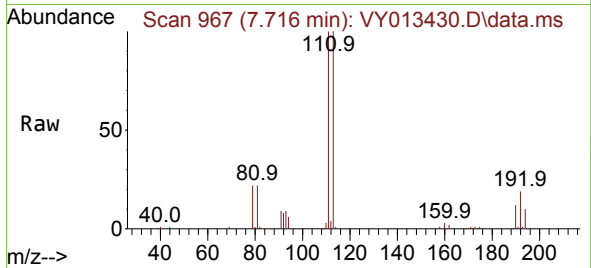




#35
Dibromofluoromethane
Concen: 53.987 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

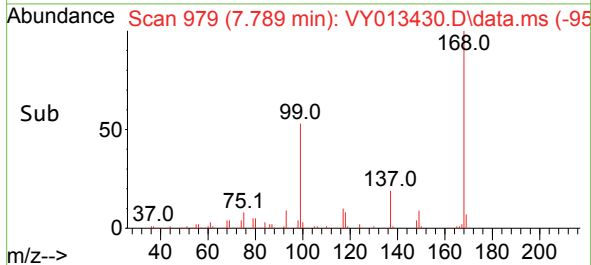
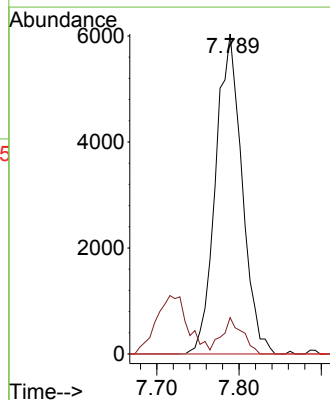
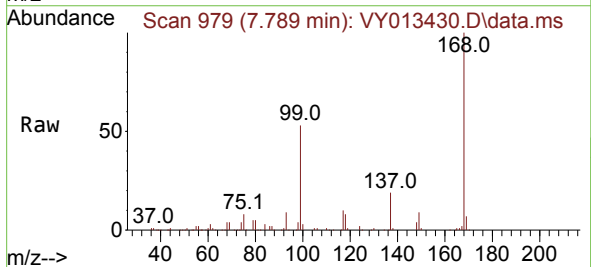
Instrument :
MSVOA_Y
ClientSampleId :
SPD-2WC-23-04-18

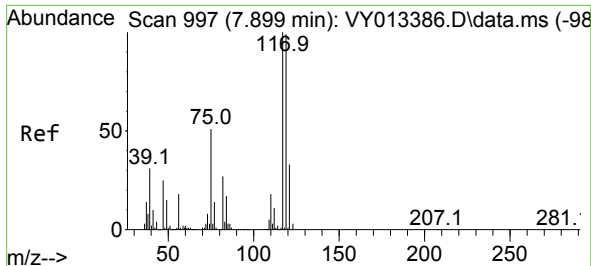
Tgt Ion:113 Resp: 103348
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.241 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

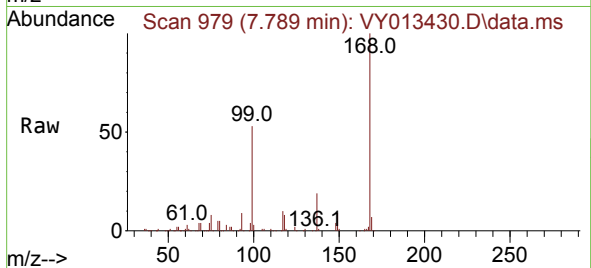
Tgt Ion: 75 Resp: 13473
Ion Ratio Lower Upper
75 100
110 8.8 18.7 56.1#
77 0.0 24.6 37.0#



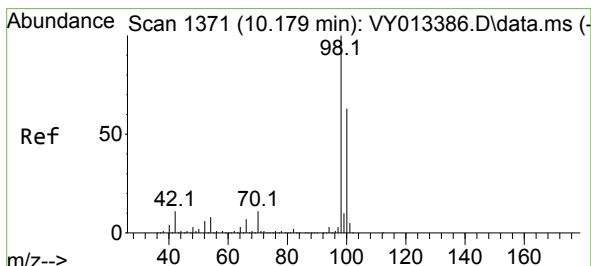
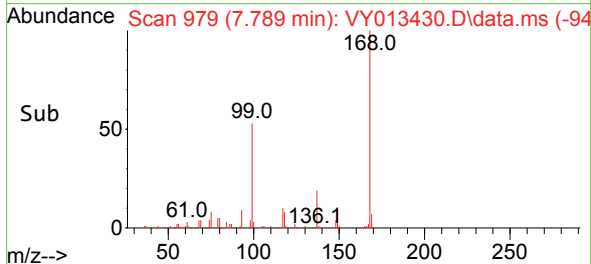
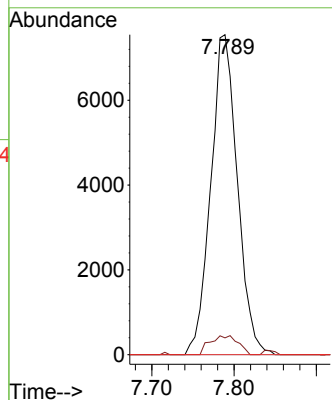


#38
Carbon Tetrachloride
Concen: 5.098 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

Instrument :
MSVOA_Y
ClientSampleId :
SPD-2WC-23-04-18

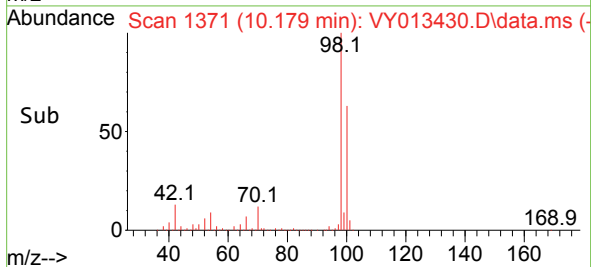
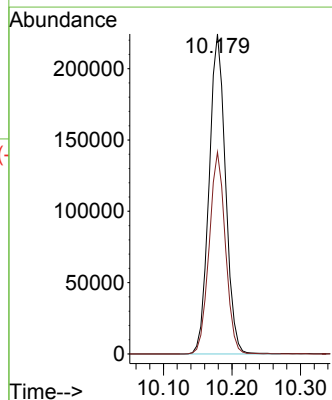
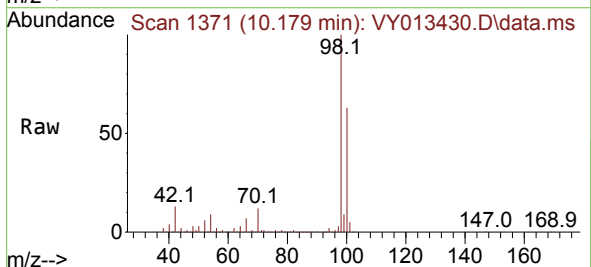


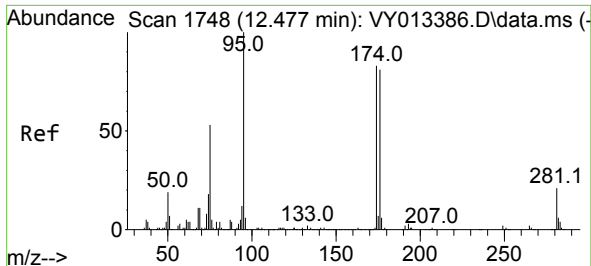
Tgt Ion:117 Resp: 16976
Ion Ratio Lower Upper
117 100
119 5.3 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.933 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

Tgt Ion: 98 Resp: 374098
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7

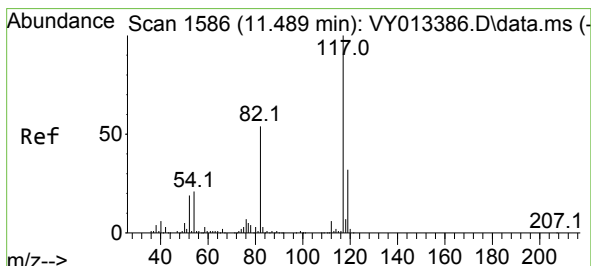
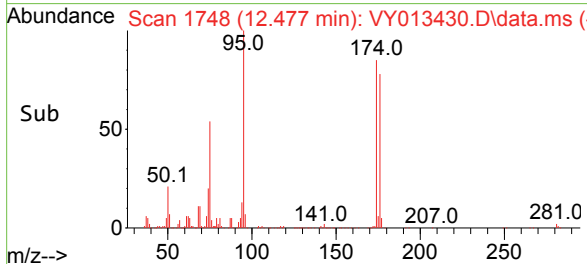
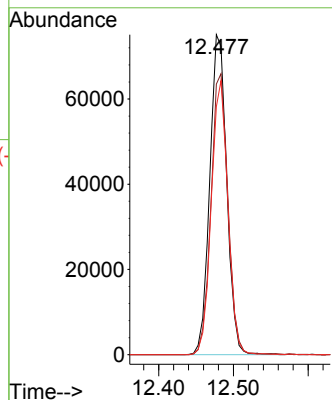
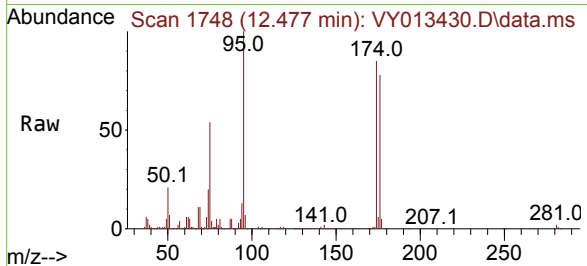




#62
4-Bromofluorobenzene
Concen: 51.515 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

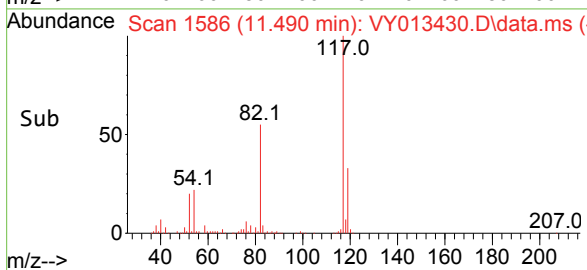
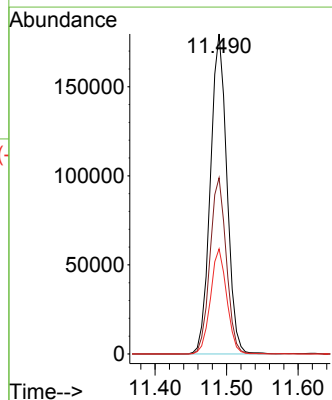
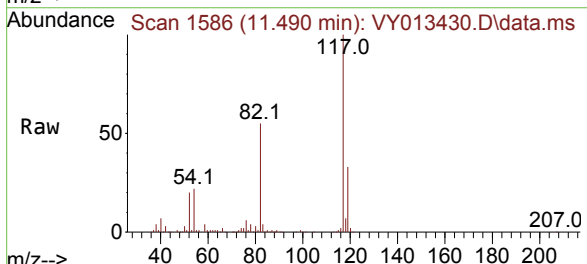
Instrument :
MSVOA_Y
ClientSampleId :
SPD-2WC-23-04-18

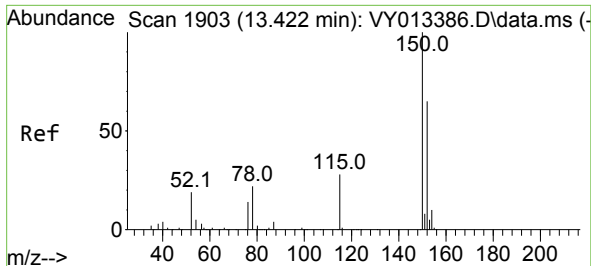
Tgt Ion: 95 Resp: 118269
Ion Ratio Lower Upper
95 100
174 88.5 0.0 182.0
176 84.2 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

Tgt Ion: 117 Resp: 288015
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.6
119 32.9 25.5 38.3

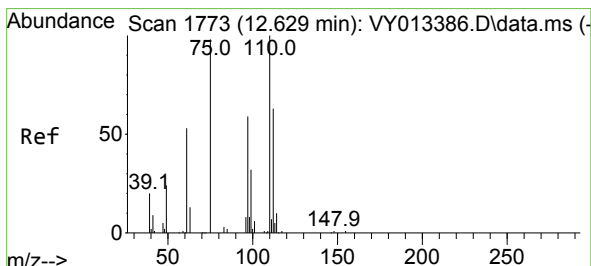
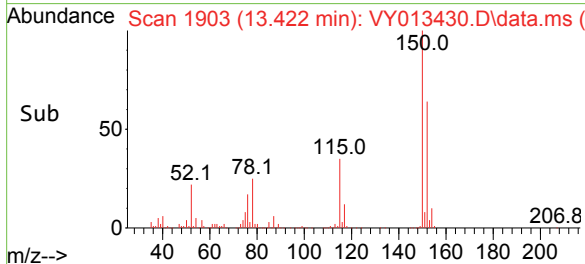
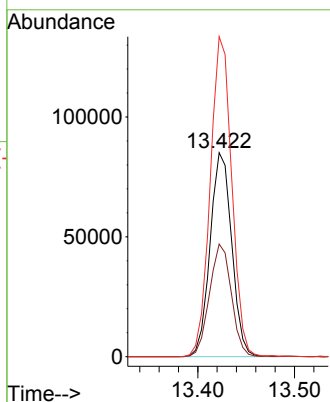
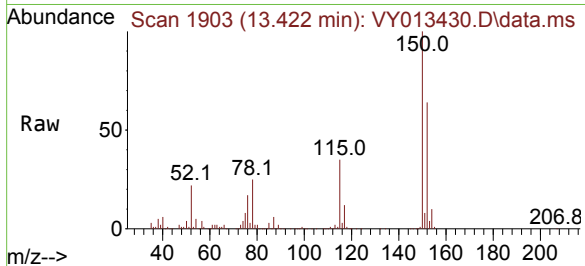




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013430.D
 Acq: 25 Apr 2023 05:48

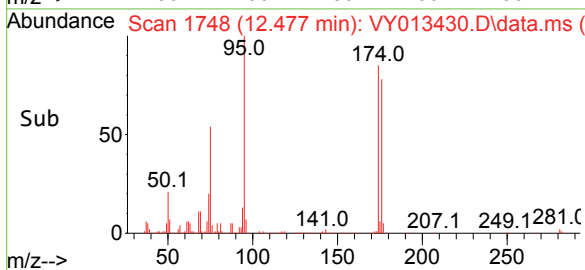
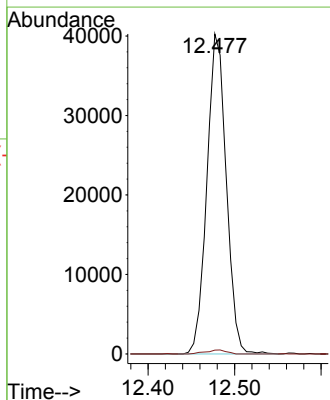
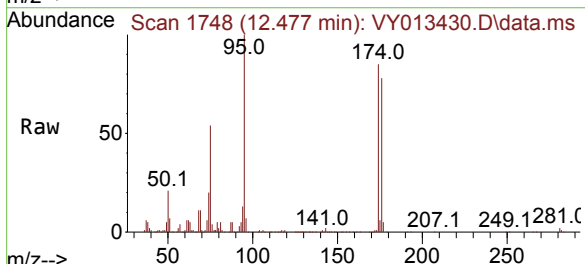
Instrument :
 MSVOA_Y
 ClientSampleId :
 SPD-2WC-23-04-18

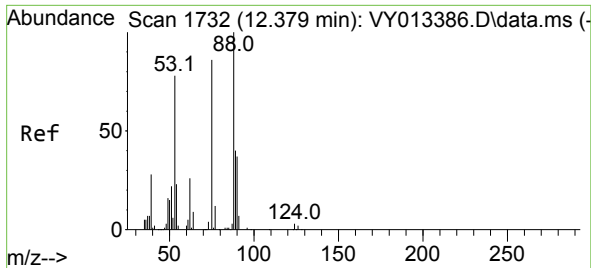
Tgt Ion:152 Resp: 132413
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.1 84.2
 150 156.3 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 34.985 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013430.D
 Acq: 25 Apr 2023 05:48

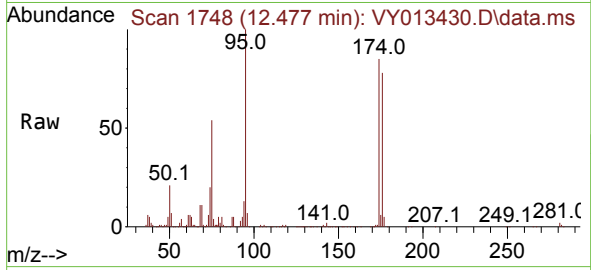
Tgt Ion: 75 Resp: 62475
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.564 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013430.D
 Acq: 25 Apr 2023 05:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPD-2WC-23-04-18



Tgt Ion:	75	Resp:	62475
Ion	Ratio	Lower	Upper
75	100		
53	0.2	73.2	109.8#
89	0.1	38.0	57.0#

