

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013443.D
 Acq On : 25 Apr 2023 13:56
 Operator : KP/MD
 Sample : 02390-10
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Apr 26 02:49:27 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)

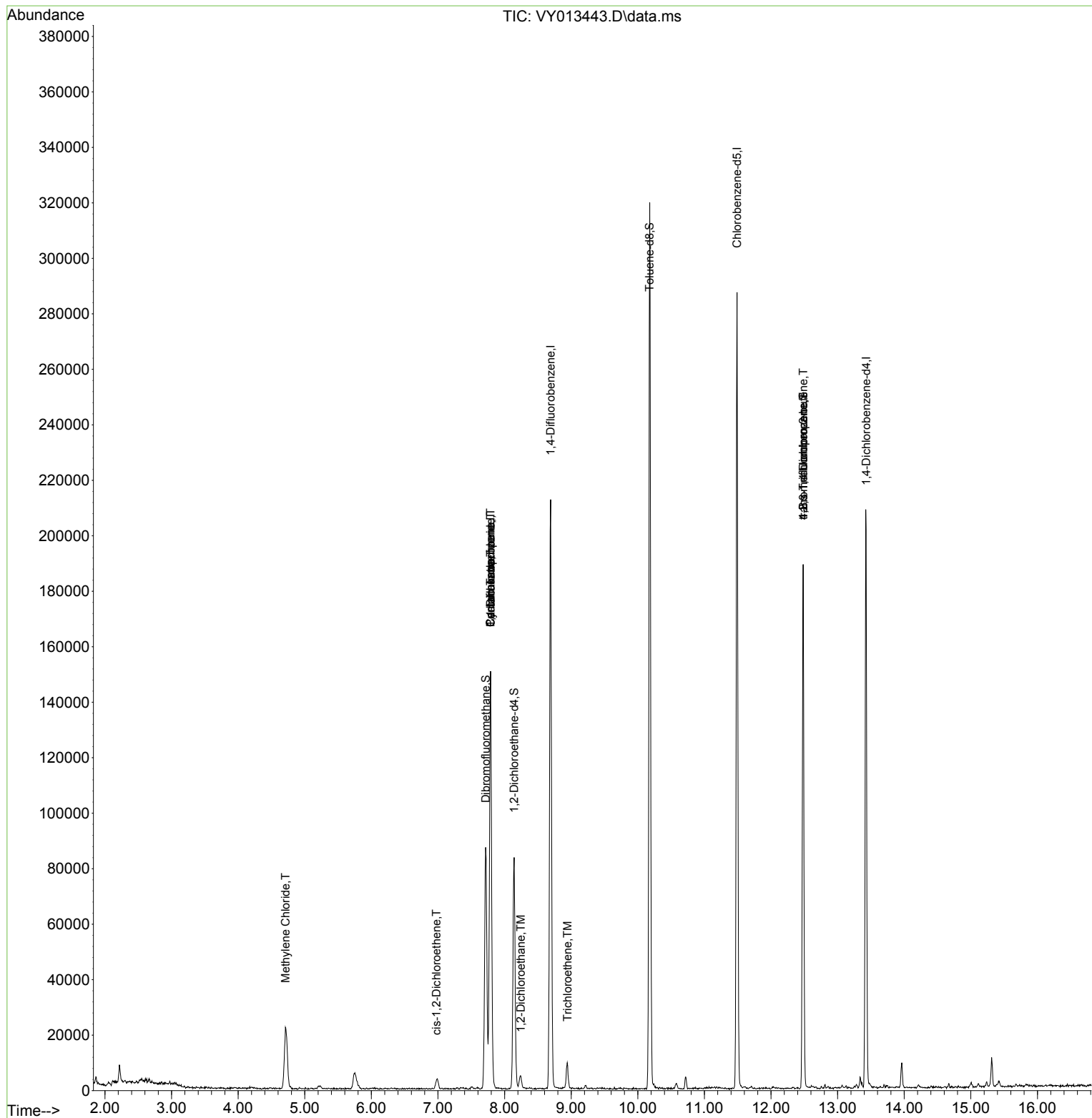
Internal Standards						
1) Pentafluorobenzene	7.789	168	113008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	173637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	148191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64461	52.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.060%	
35) Dibromofluoromethane	7.716	113	60315	55.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.460%	
50) Toluene-d8	10.179	98	209765	53.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.980%	
62) 4-Bromofluorobenzene	12.483	95	52915	40.401	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.800%	
Target Compounds						
					Qvalue	
13) Acrolein	3.723	56	104	Below Cal	#	76
20) Methylene Chloride	4.710	84	16248	3.032	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	2132	1.503	ug/l	82
31) Cyclohexane	7.789	56	2723	1.228	ug/l	# 28
36) 1,1-Dichloropropene	7.789	75	8790	4.850	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	10916	5.746	ug/l	# 15
42) 1,2-Dichloroethane	8.246	62	3737	2.239	ug/l	98
44) Trichloroethene	8.947	130	3262	2.402	ug/l	85
76) 1,2,3-Trichloropropane	12.483	75	27579	38.038	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	27579	77.809	ug/l	# 13

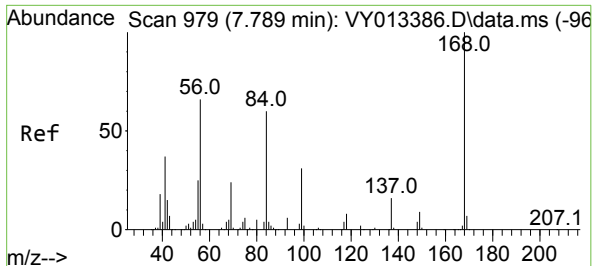
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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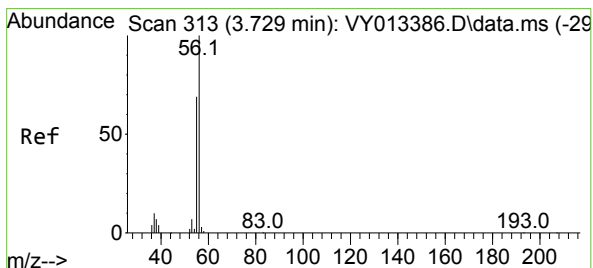
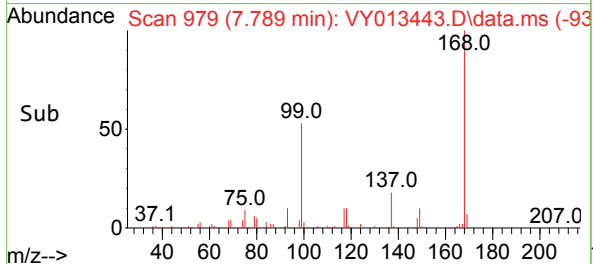
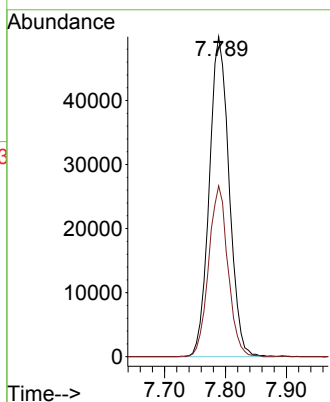
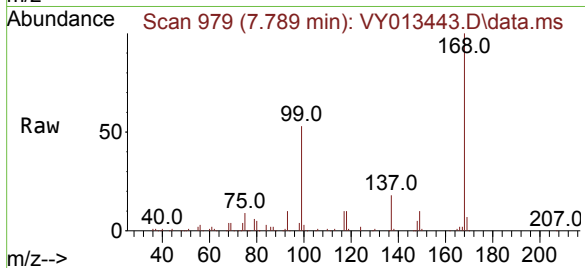




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

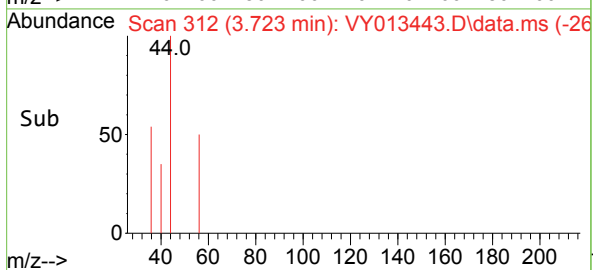
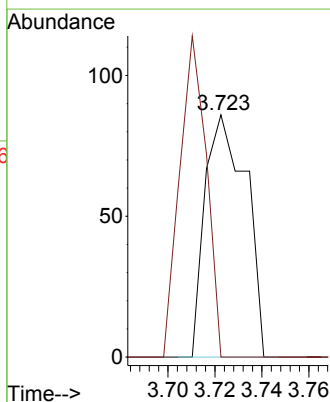
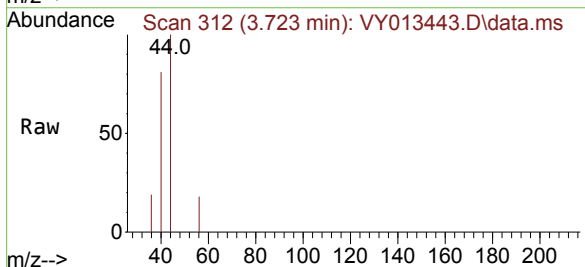
Instrument :
MSVOA_Y
ClientSampleId :
SPC-3WC-23-04-17

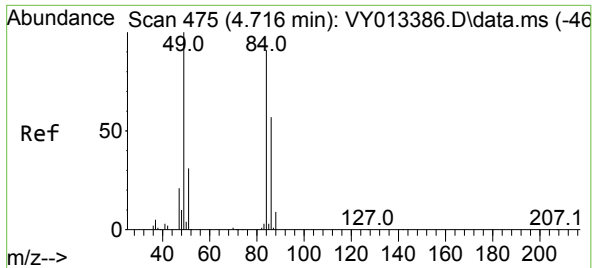
Tgt Ion:168 Resp: 113008
Ion Ratio Lower Upper
168 100
99 53.4 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 312
Delta R.T. -0.006 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

Tgt Ion: 56 Resp: 104
Ion Ratio Lower Upper
56 100
55 86.5 54.1 81.1#

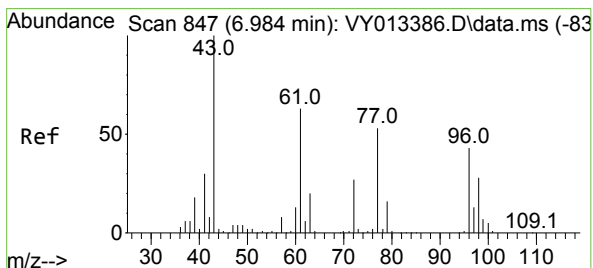
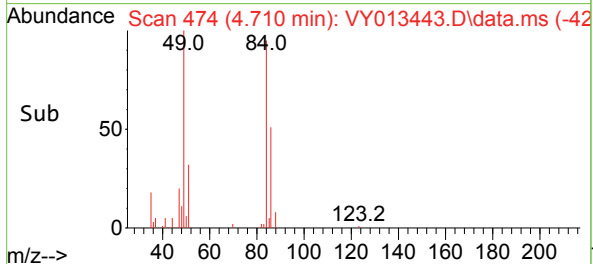
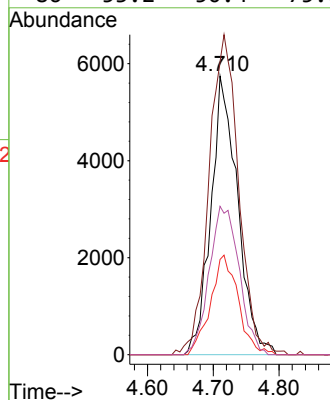
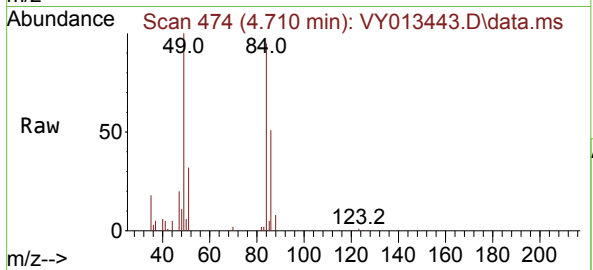




#20
Methylene Chloride
Concen: 3.032 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

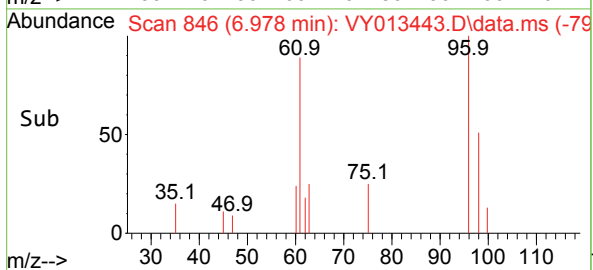
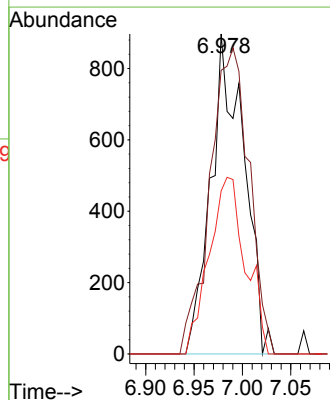
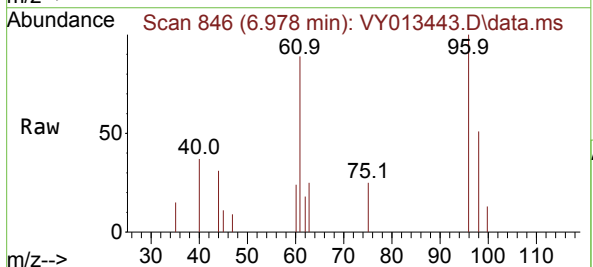
Instrument :
MSVOA_Y
ClientSampleId :
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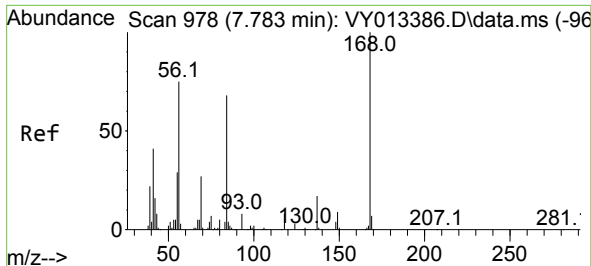
Tgt Ion: 84	Resp: 16248		
Ion	Ratio	Lower	Upper
84	100		
49	104.2	88.0	132.0
51	34.2	27.4	41.0
86	53.2	50.4	75.6



#27
cis-1,2-Dichloroethene
Concen: 1.503 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

Tgt Ion: 96	Resp: 2132
Ion Ratio	Lower Upper
96 100	
61 112.8	0.0 285.0
98 61.2	0.0 130.6

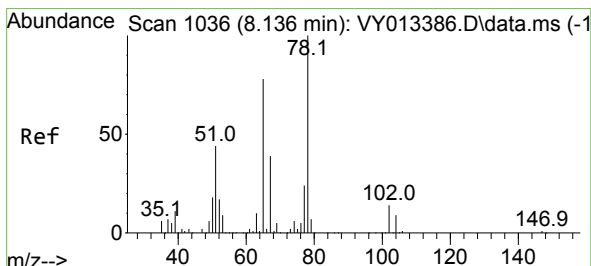
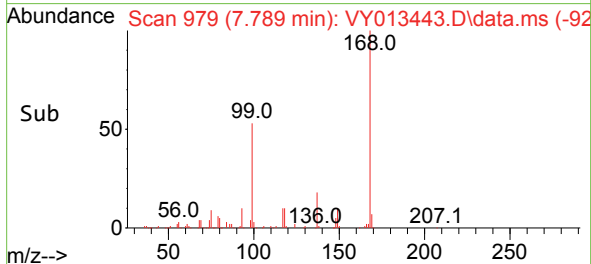
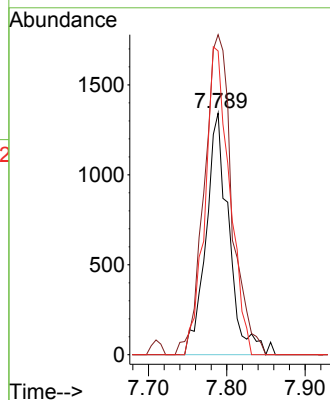
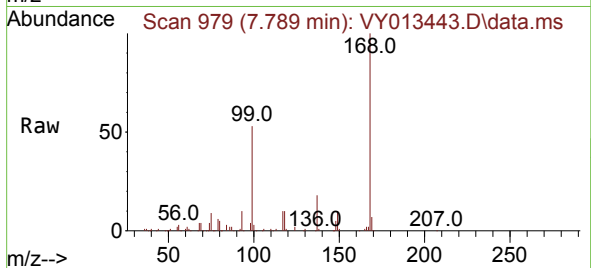




#31
Cyclohexane
Concen: 1.228 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

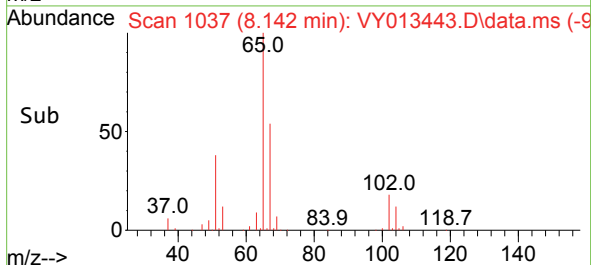
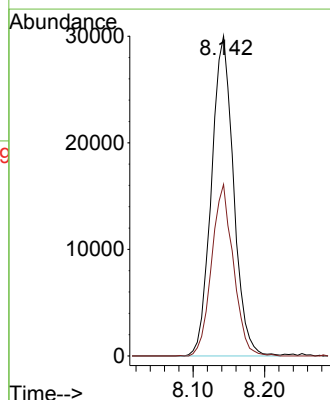
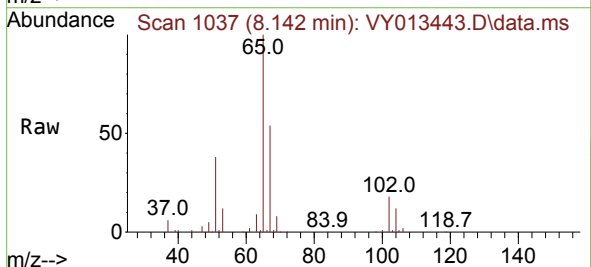
Instrument :
MSVOA_Y
ClientSampleId :
SPC-3WC-23-04-17

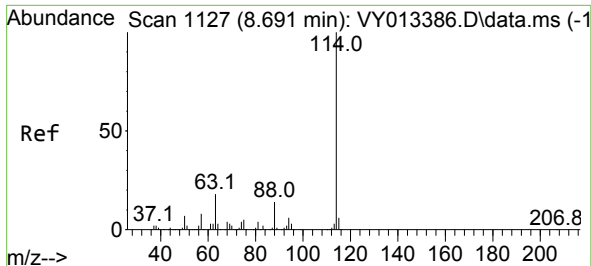
Tgt Ion: 56 Resp: 2723
Ion Ratio Lower Upper
56 100
69 132.5 29.2 43.8#
84 125.7 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 52.034 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

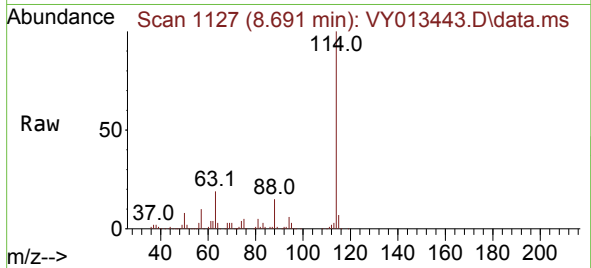
Tgt Ion: 65 Resp: 64461
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4



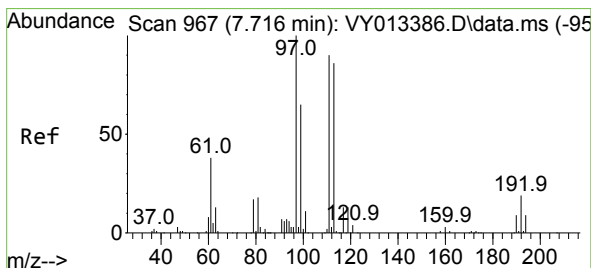
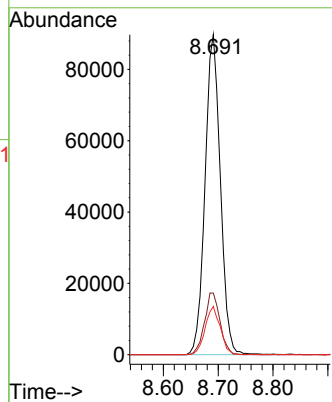
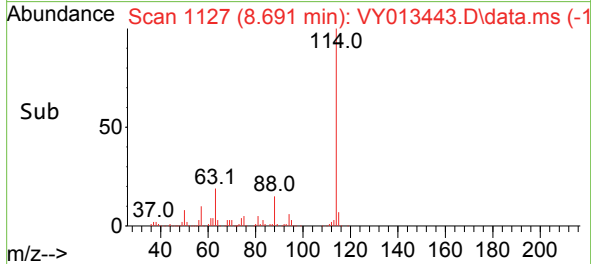


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

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

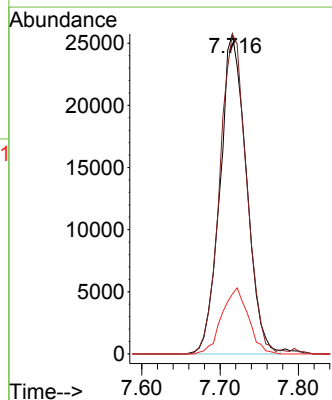
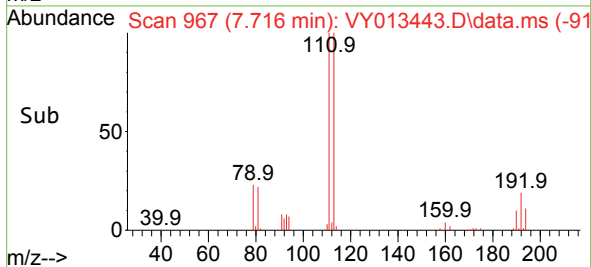
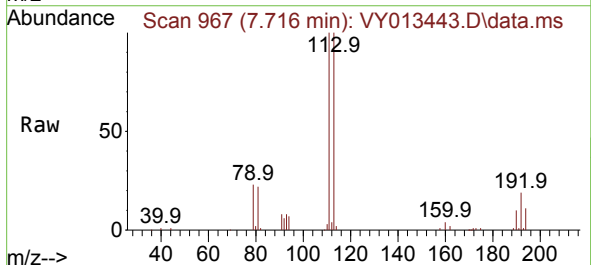


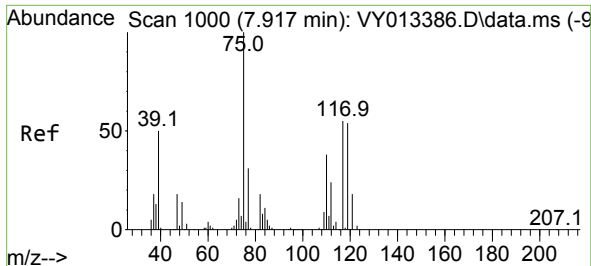
Tgt Ion:114 Resp: 173637
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.6
88 15.1 0.0 28.8



#35
Dibromofluoromethane
Concen: 55.229 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

Tgt Ion:113 Resp: 60315
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.7 16.7 25.1

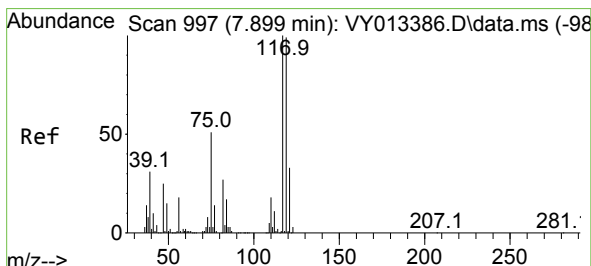
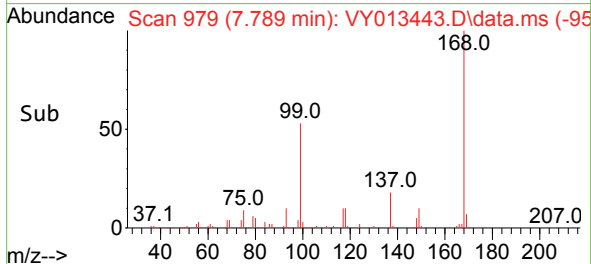
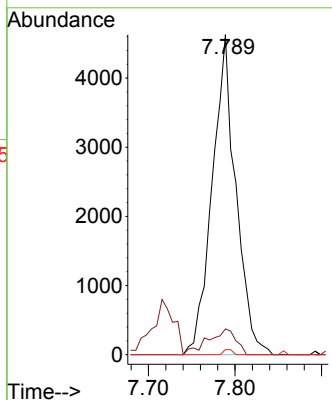
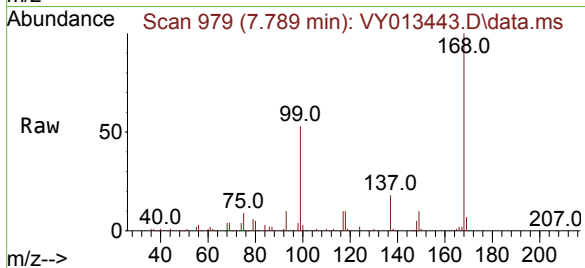




#36
1,1-Dichloropropene
Concen: 4.850 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

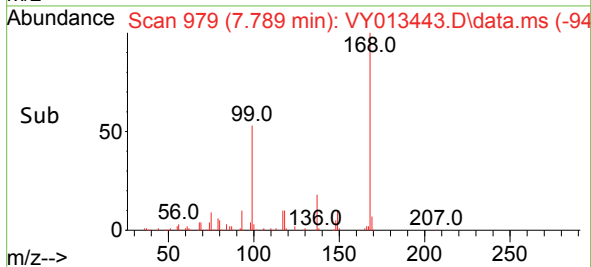
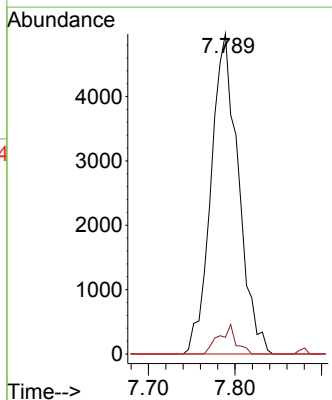
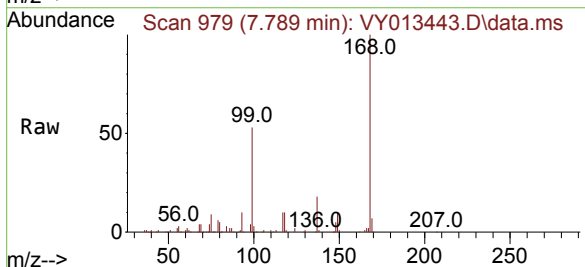
Instrument :
MSVOA_Y
ClientSampleId :
SPC-3WC-23-04-17

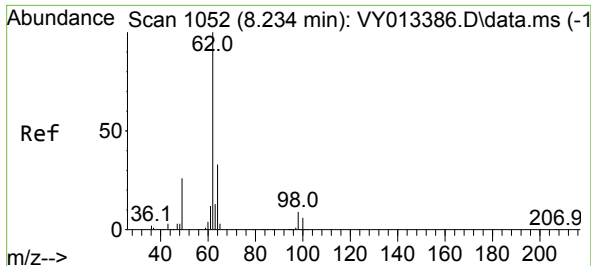
Tgt Ion: 75 Resp: 8790
Ion Ratio Lower Upper
75 100
110 9.1 18.7 56.1#
77 0.6 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.746 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

Tgt Ion: 117 Resp: 10916
Ion Ratio Lower Upper
117 100
119 5.2 79.0 118.6#
121 0.0 26.6 40.0#

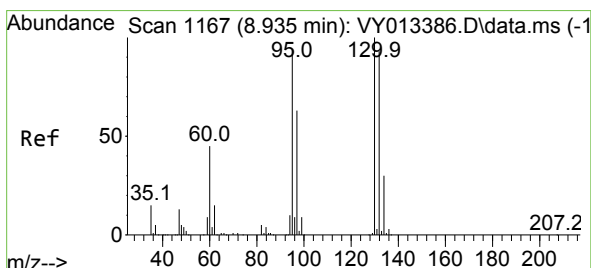
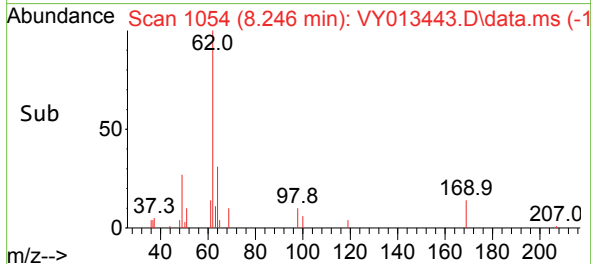
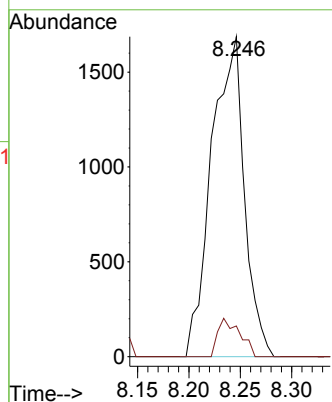
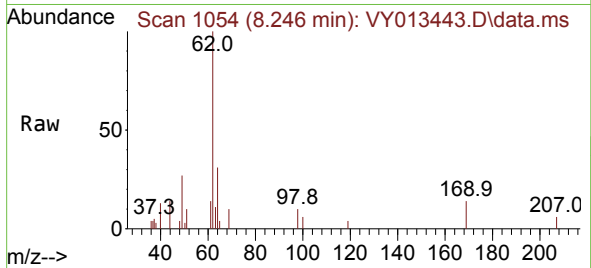




#42
1,2-Dichloroethane
Concen: 2.239 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

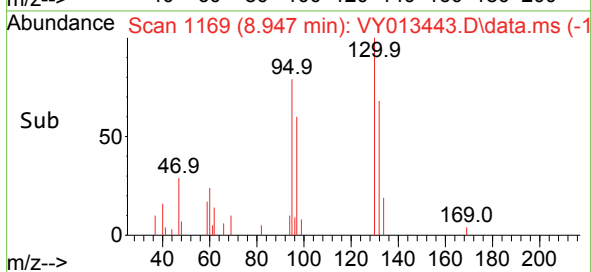
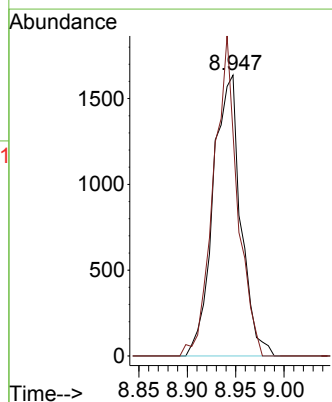
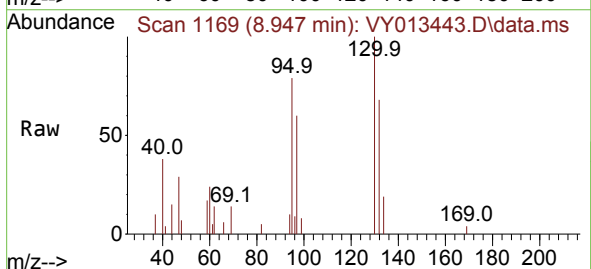
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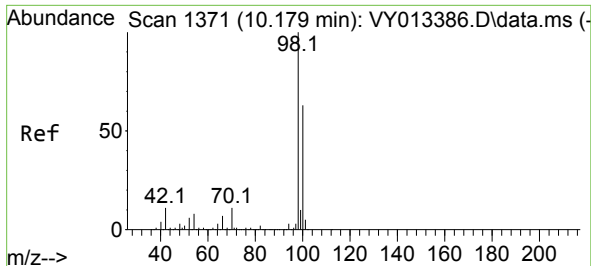
Tgt Ion: 62 Resp: 3737
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.8



#44
Trichloroethene
Concen: 2.402 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

Tgt Ion: 130 Resp: 3262
Ion Ratio Lower Upper
130 100
95 79.5 0.0 188.8

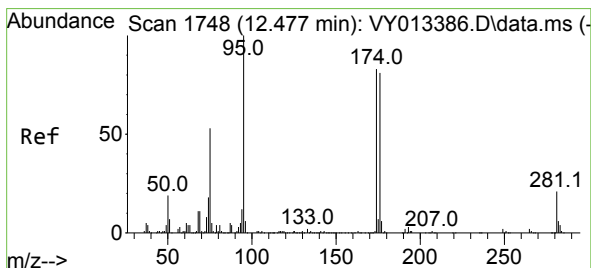
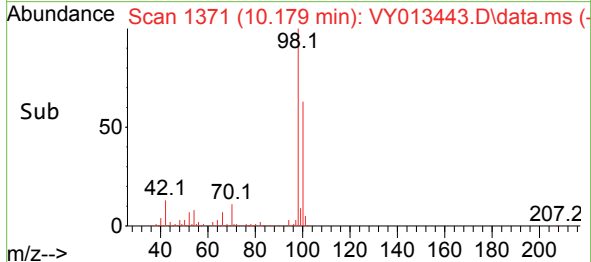
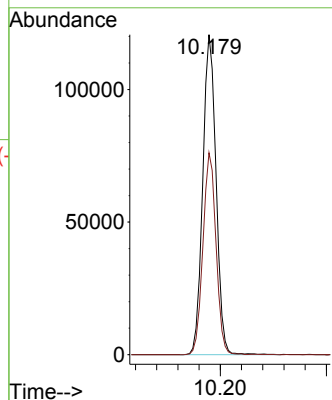
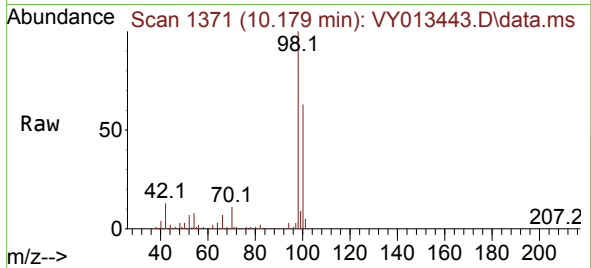




#50
Toluene-d8
Concen: 53.993 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

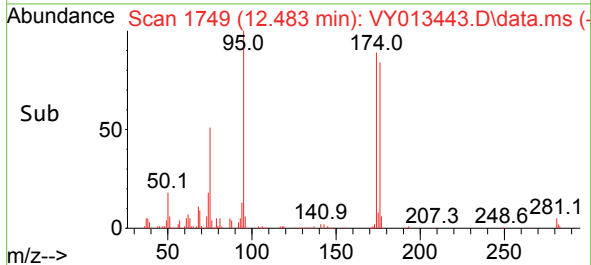
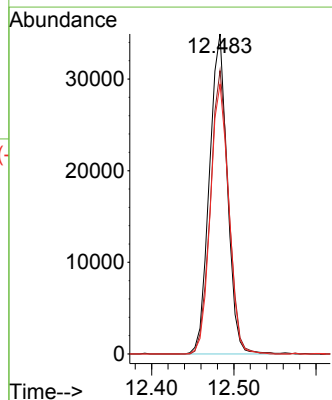
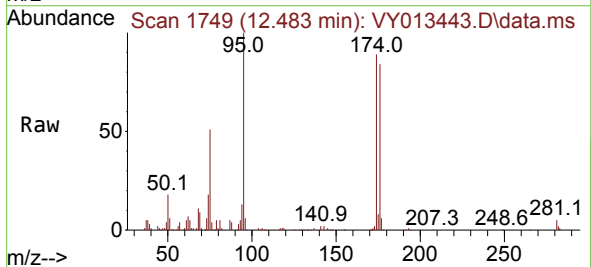
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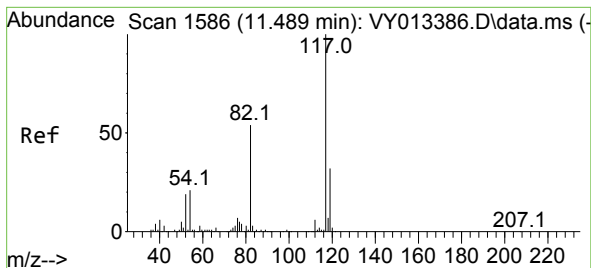
Tgt Ion: 98 Resp: 209765
Ion Ratio Lower Upper
98 100
100 62.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 40.401 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

Tgt Ion: 95 Resp: 52915
Ion Ratio Lower Upper
95 100
174 90.7 0.0 182.0
176 86.6 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013443.D

Acq: 25 Apr 2023 13:56

Instrument :

MSVOA_Y

ClientSampleId :

SPC-3WC-23-04-17

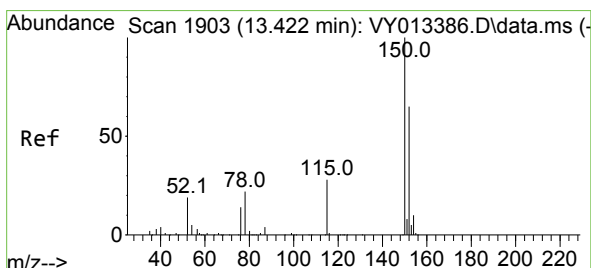
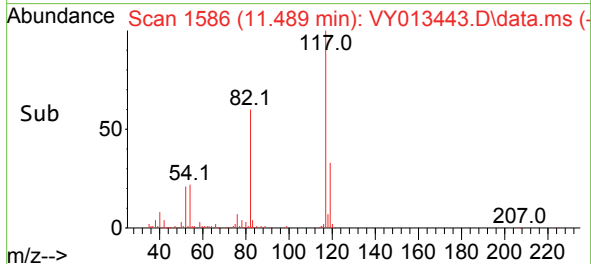
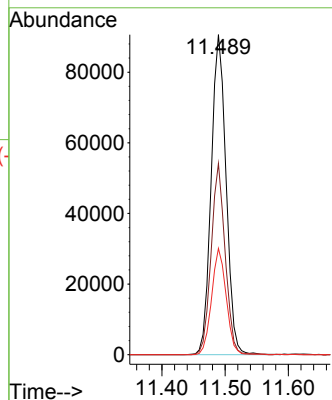
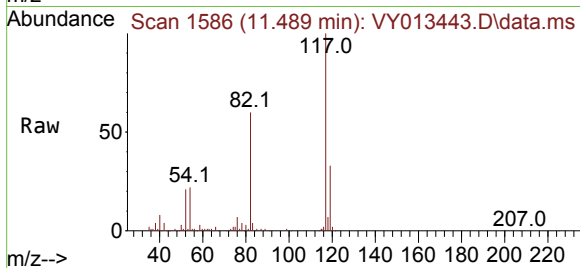
Tgt Ion:117 Resp: 148191

Ion Ratio Lower Upper

117 100

82 59.7 43.0 64.6

119 33.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013443.D

Acq: 25 Apr 2023 13:56

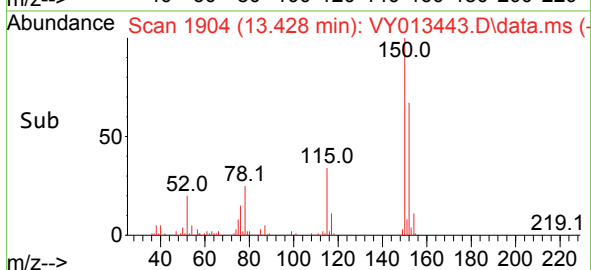
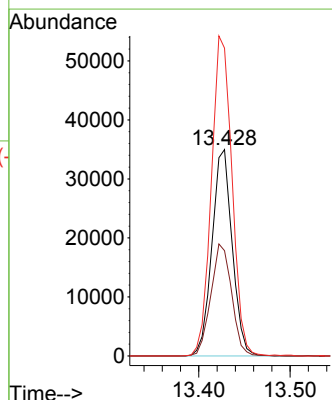
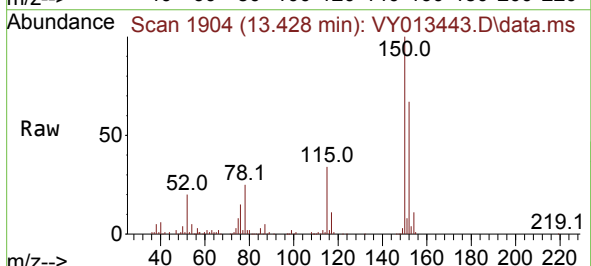
Tgt Ion:152 Resp: 53761

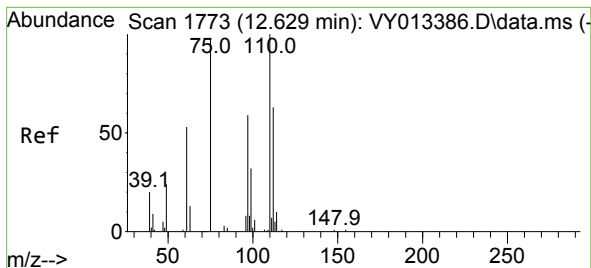
Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.2

150 158.2 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 38.038 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY013443.D

Acq: 25 Apr 2023 13:56

Instrument :

MSVOA_Y

ClientSampleId :

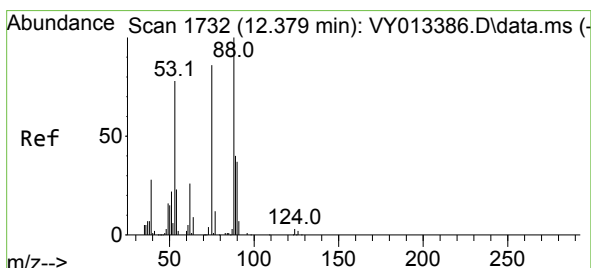
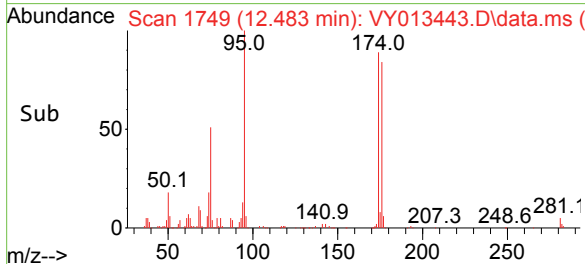
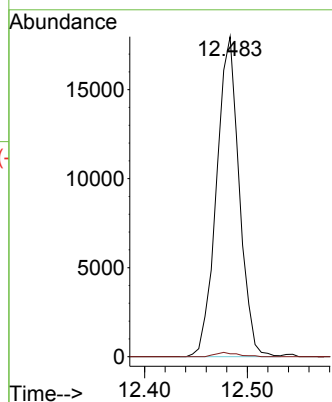
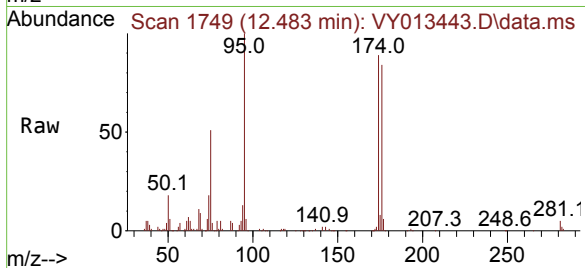
SPC-3WC-23-04-17

Tgt Ion: 75 Resp: 27579

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.809 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY013443.D

Acq: 25 Apr 2023 13:56

Tgt Ion: 75 Resp: 27579

Ion Ratio Lower Upper

75 100

53 0.3 73.2 109.8#

89 0.2 38.0 57.0#

