

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013272.D
 Acq On : 12 Apr 2023 17:22
 Operator : KP/MD
 Sample : 02292-05
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IDW-SO-G1-041123

Quant Time: Apr 13 06:17:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

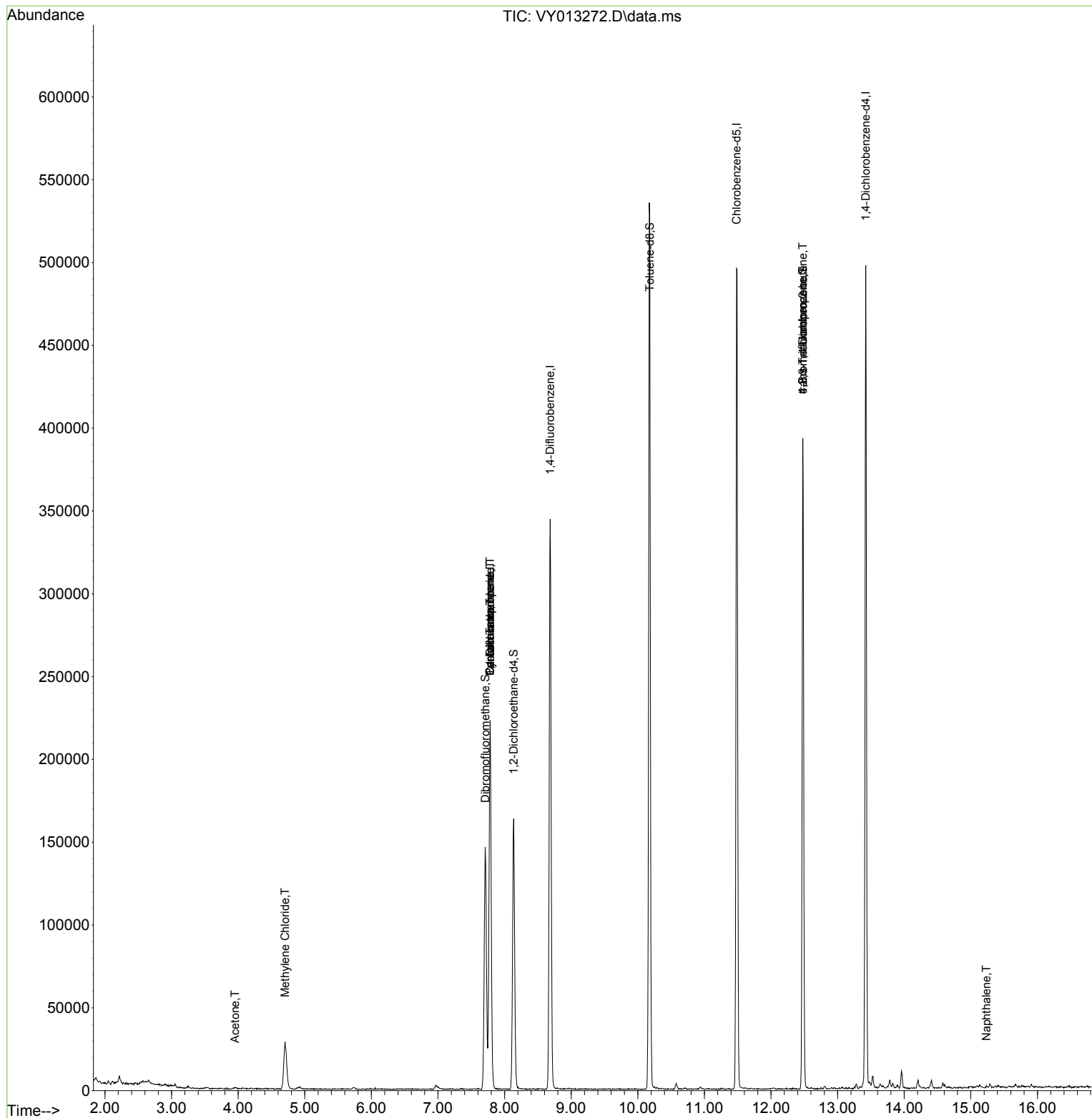
Internal Standards						
1) Pentafluorobenzene	7.783	168	165116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	281362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	262722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123267	62.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.240%	
35) Dibromofluoromethane	7.710	113	98471	54.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.120%	
50) Toluene-d8	10.179	98	345499	50.959	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.477	95	105977	48.108	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	176	Below Cal	#	44
16) Acetone	3.954	43	1771	2.596	ug/l #	84
20) Methylene Chloride	4.704	84	19356	7.073	ug/l	92
31) Cyclohexane	7.783	56	4577	1.525	ug/l #	13
36) 1,1-Dichloropropene	7.783	75	13530	4.903	ug/l #	49
38) Carbon Tetrachloride	7.783	117	16729	5.483	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	59948	40.429	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59948	83.910	ug/l #	13
95) Naphthalene	15.233	128	748	3.338	ug/l #	75

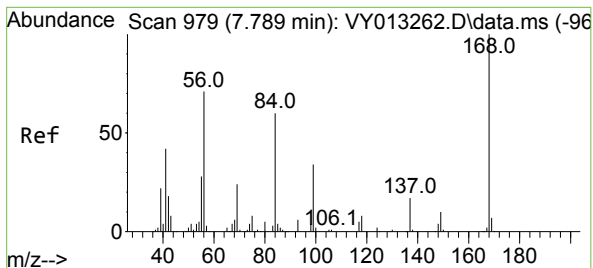
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
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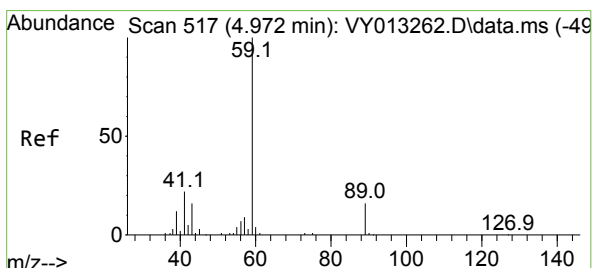
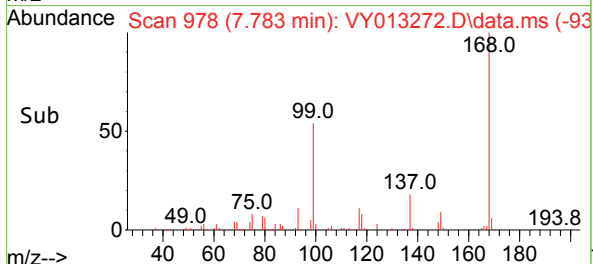
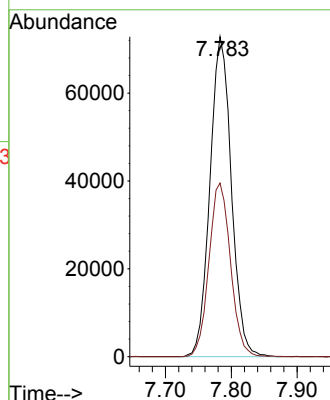
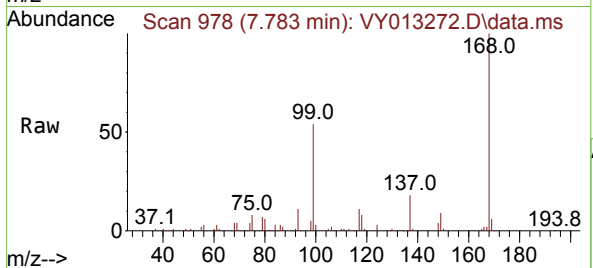




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

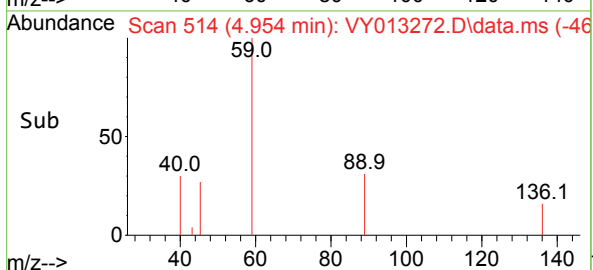
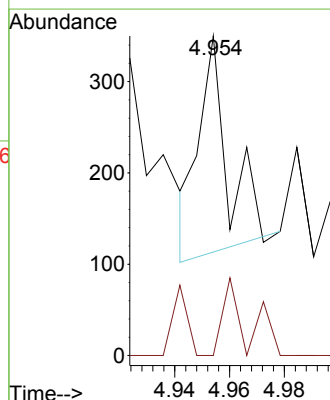
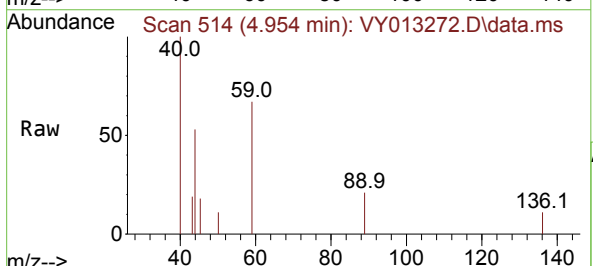
Instrument :
MSVOA_Y
ClientSampleId :
IDW-SO-G1-041123

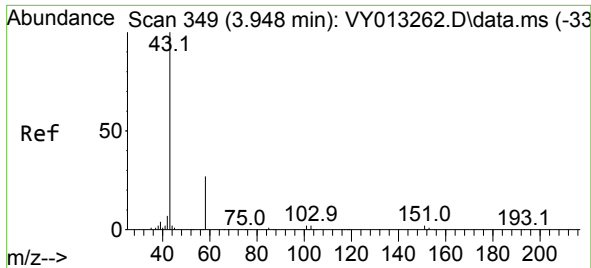
Tgt Ion:168 Resp: 165116
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 30.1 7.7 11.5#





#16

Acetone

Concen: 2.596 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY013272.D

Acq: 12 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

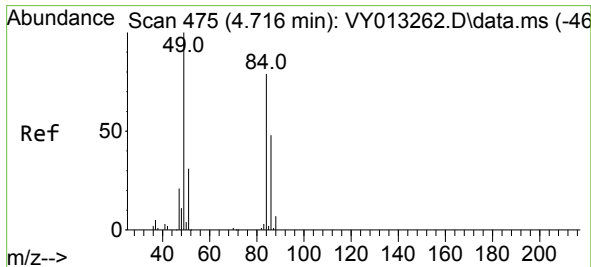
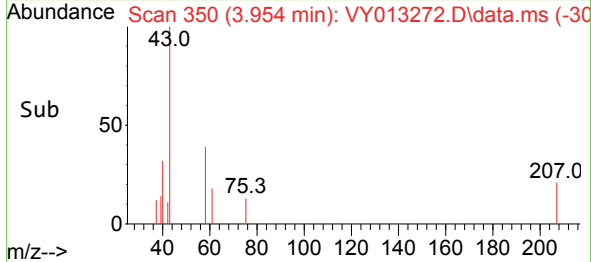
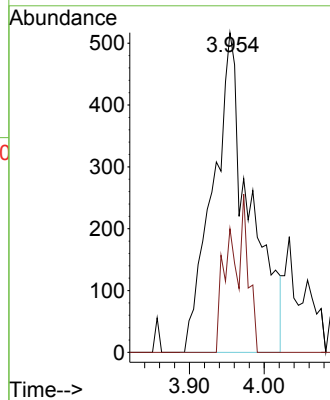
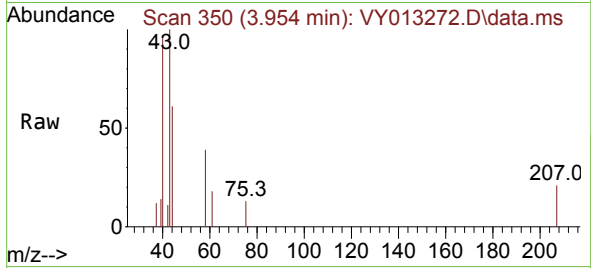
IDW-SO-G1-041123

Tgt Ion: 43 Resp: 1771

Ion Ratio Lower Upper

43 100

58 38.7 24.2 36.2#



#20

Methylene Chloride

Concen: 7.073 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY013272.D

Acq: 12 Apr 2023 17:22

Tgt Ion: 84 Resp: 19356

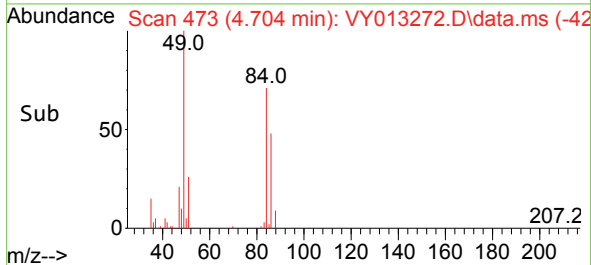
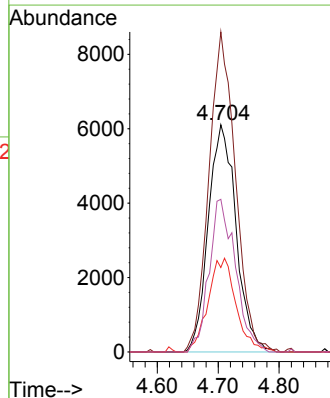
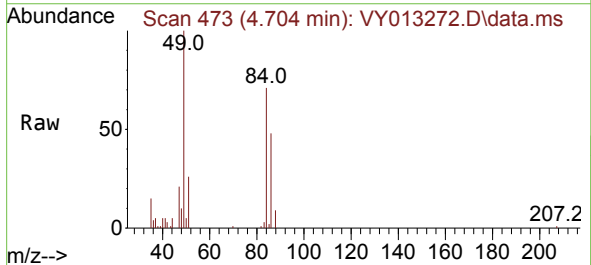
Ion Ratio Lower Upper

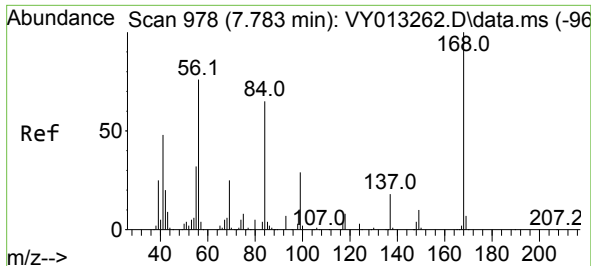
84 100

49 140.8 102.6 154.0

51 37.2 31.9 47.9

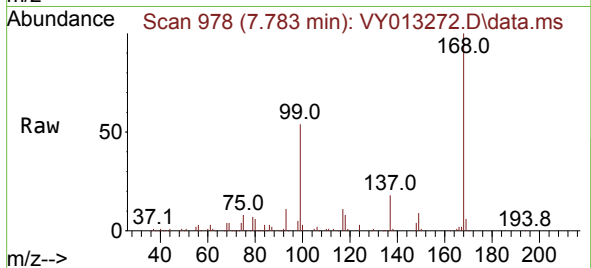
86 67.1 51.0 76.6



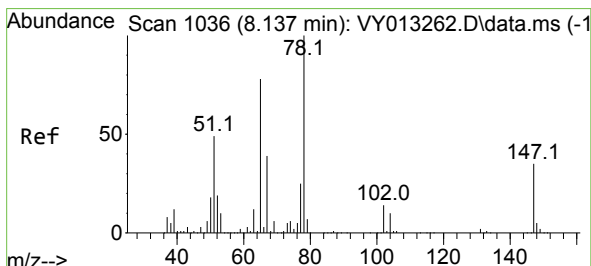
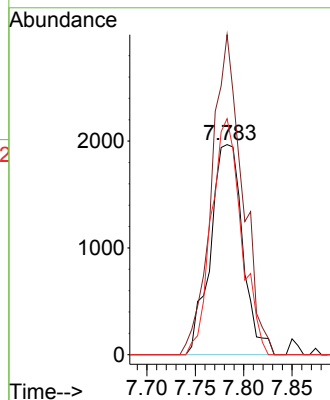
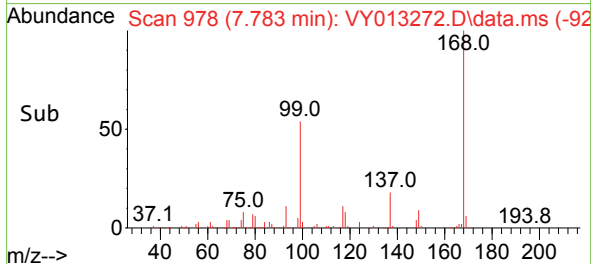


#31
Cyclohexane
Concen: 1.525 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

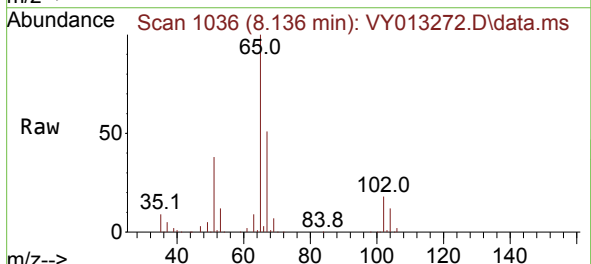
Instrument :
MSVOA_Y
ClientSampleId :
IDW-SO-G1-041123



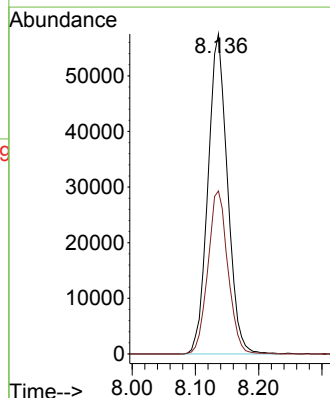
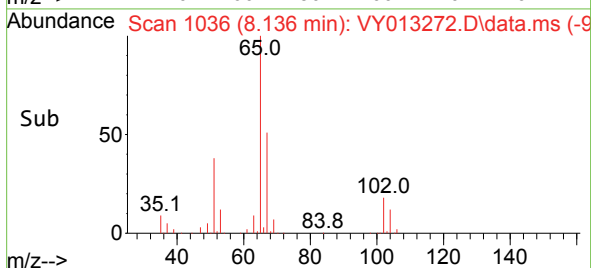
Tgt Ion: 56 Resp: 4577
Ion Ratio Lower Upper
56 100
69 152.4 25.7 38.5#
84 112.4 64.3 96.5#

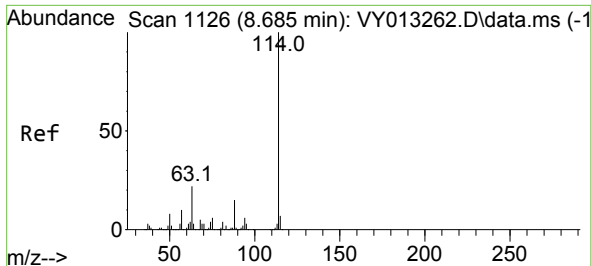


#33
1,2-Dichloroethane-d4
Concen: 62.121 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22



Tgt Ion: 65 Resp: 123267
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013272.D

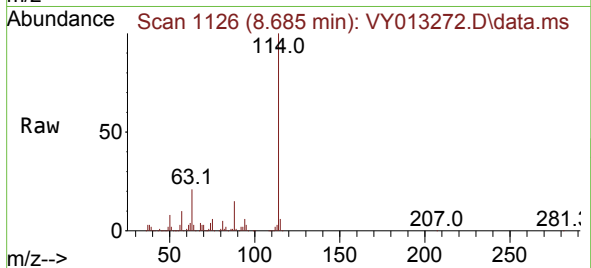
Acq: 12 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

IDW-SO-G1-041123



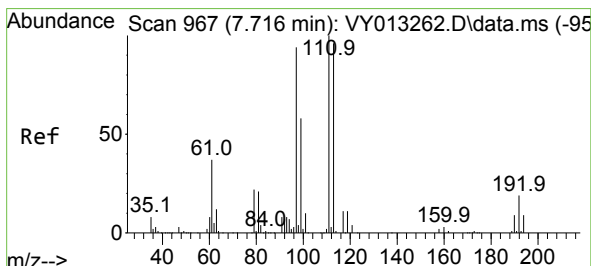
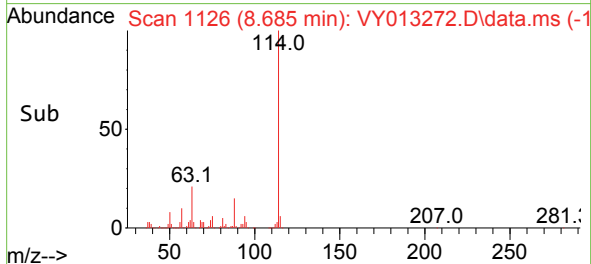
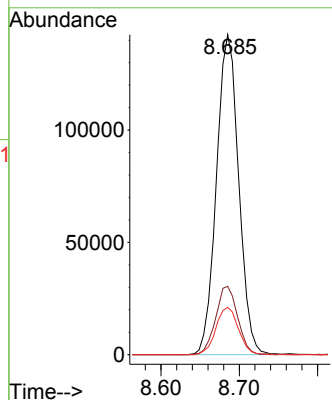
Tgt Ion:114 Resp: 281362

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 54.060 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013272.D

Acq: 12 Apr 2023 17:22

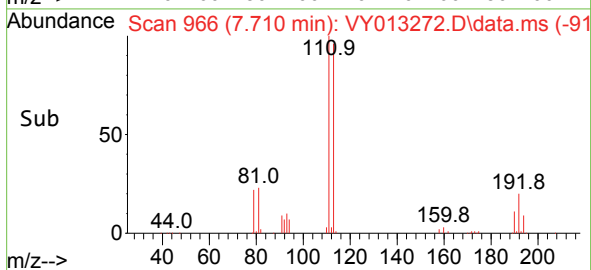
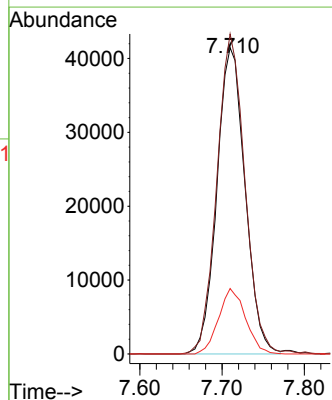
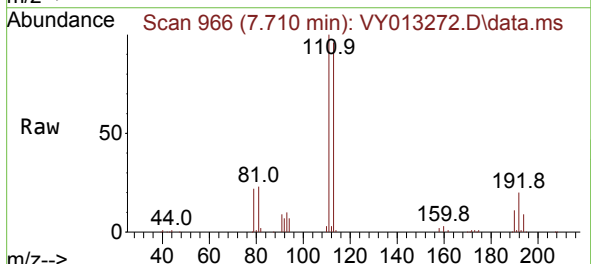
Tgt Ion:113 Resp: 98471

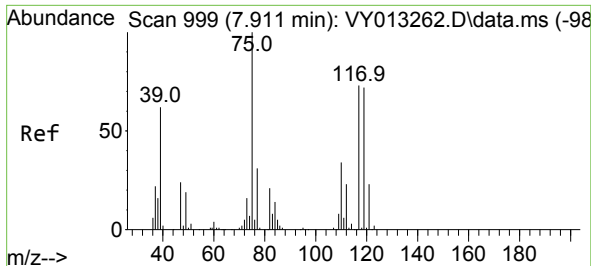
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.2

192 20.5 16.8 25.2

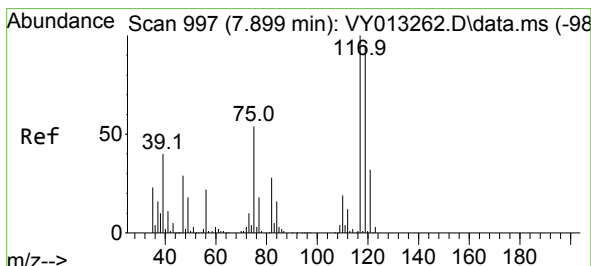
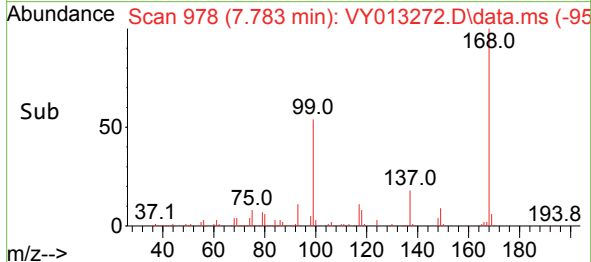
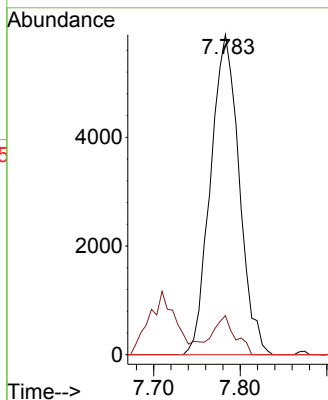
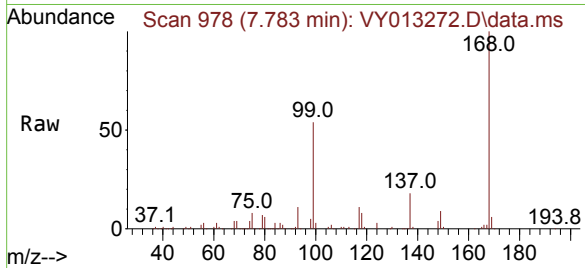




#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

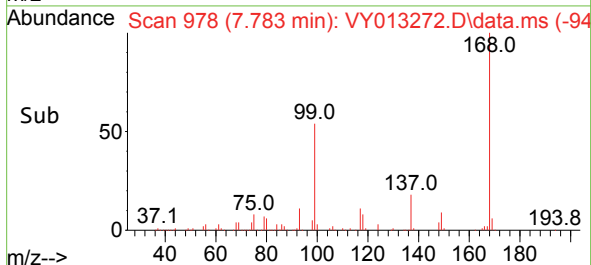
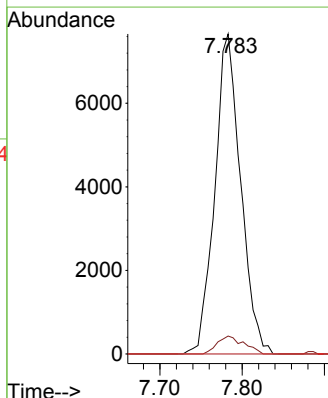
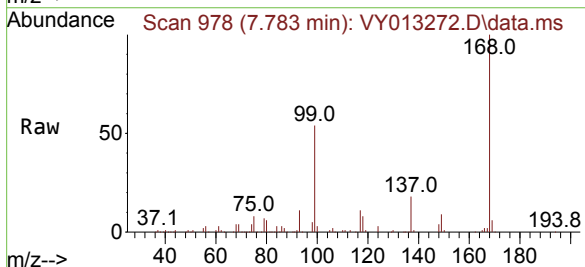
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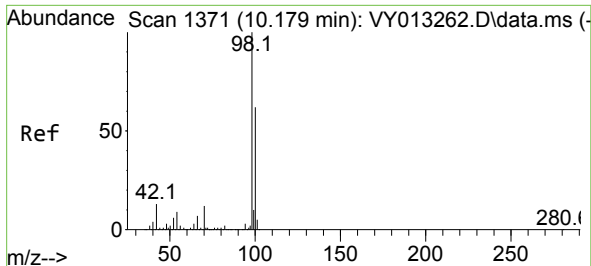
Tgt Ion: 75 Resp: 13530
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.483 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

Tgt Ion: 117 Resp: 16729
Ion Ratio Lower Upper
117 100
119 5.6 77.2 115.8#
121 0.0 24.7 37.1#

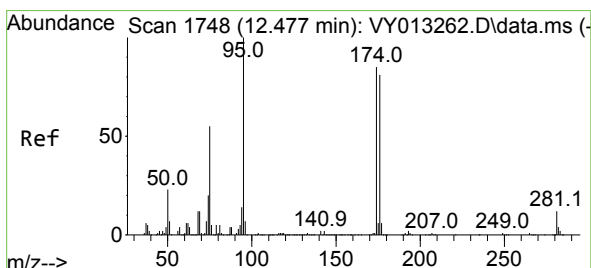
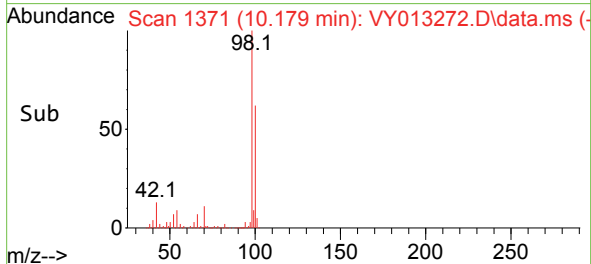
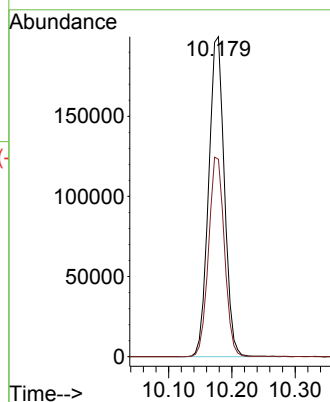
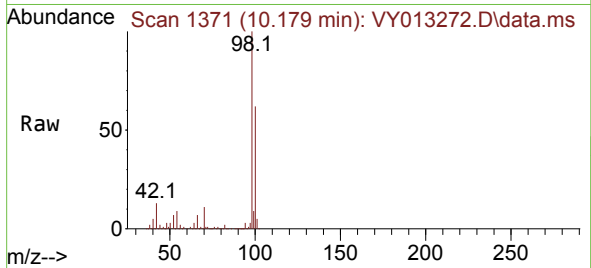




#50
Toluene-d8
Concen: 50.959 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

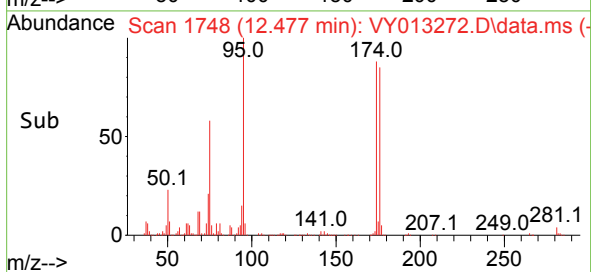
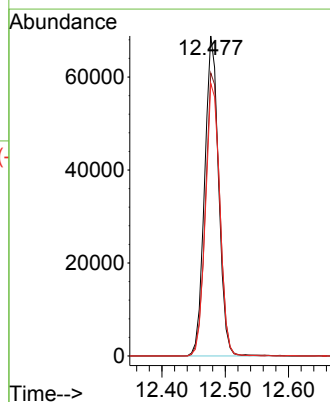
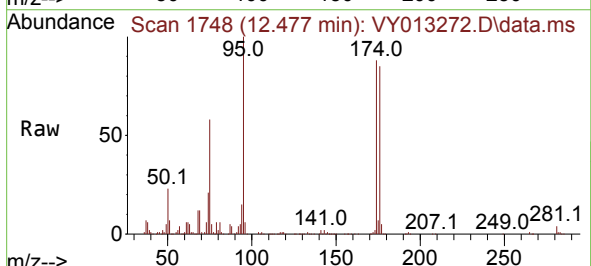
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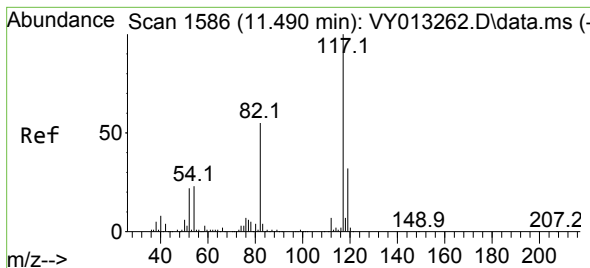
Tgt Ion: 98 Resp: 345499
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.108 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

Tgt Ion: 95 Resp: 105977
Ion Ratio Lower Upper
95 100
174 90.2 0.0 176.6
176 87.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013272.D

Acq: 12 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

IDW-SO-G1-041123

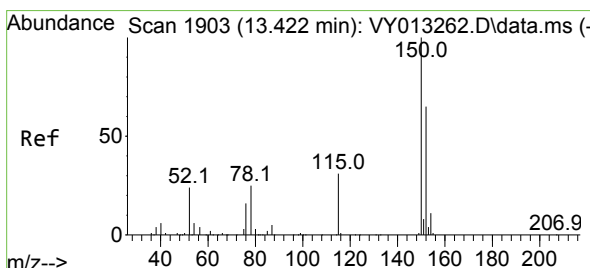
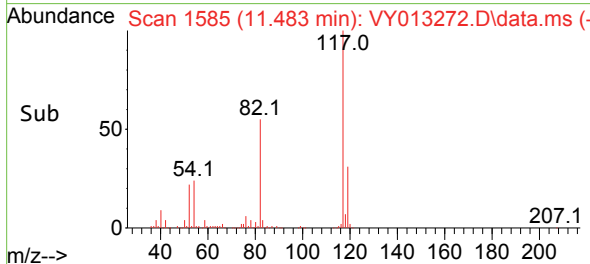
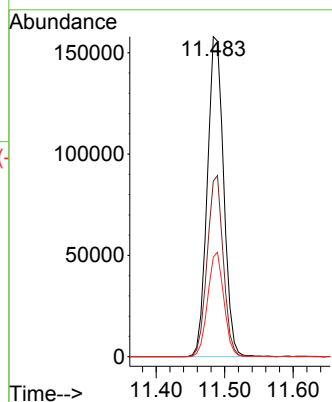
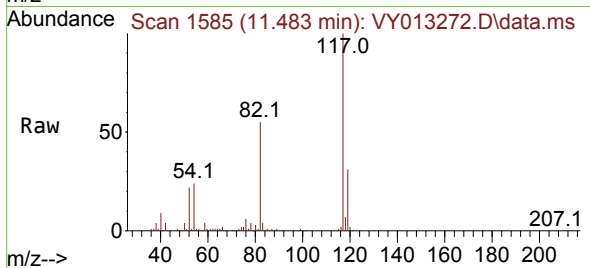
Tgt Ion:117 Resp: 262722

Ion Ratio Lower Upper

117 100

82 54.8 45.4 68.0

119 31.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013272.D

Acq: 12 Apr 2023 17:22

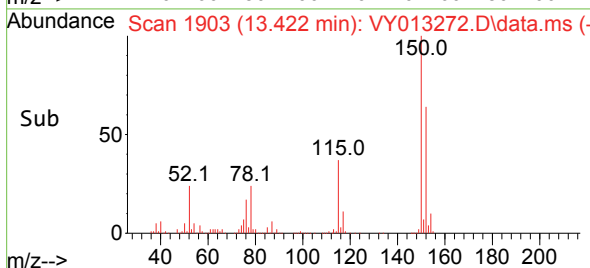
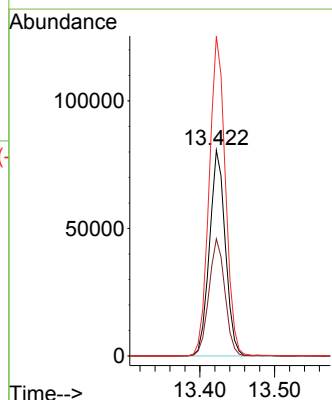
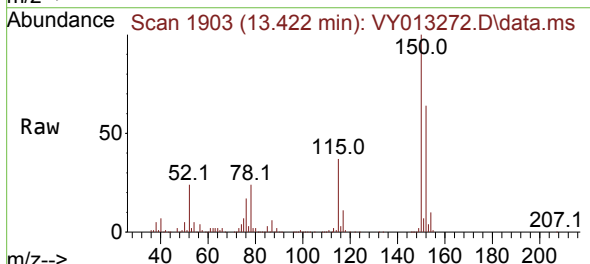
Tgt Ion:152 Resp: 118998

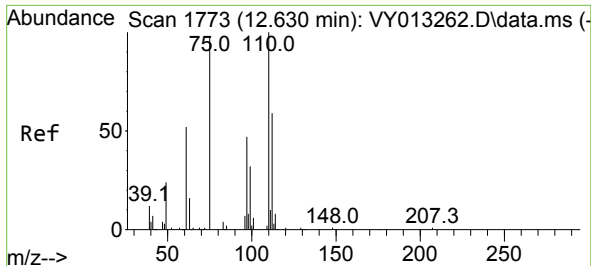
Ion Ratio Lower Upper

152 100

115 57.3 27.1 81.3

150 159.2 0.0 347.8

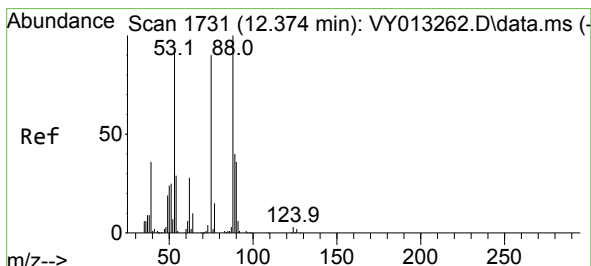
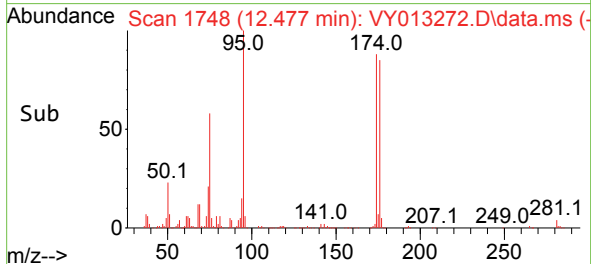
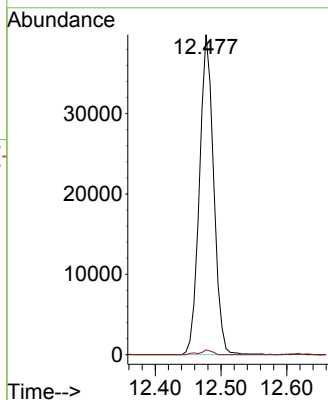
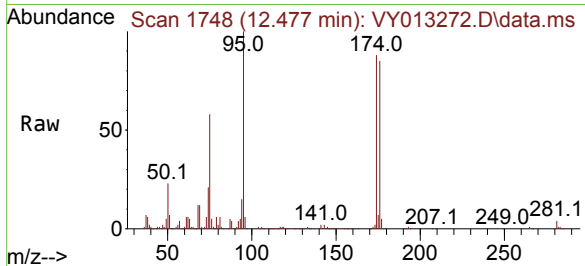




#76
1,2,3-Trichloropropane
Concen: 40.429 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

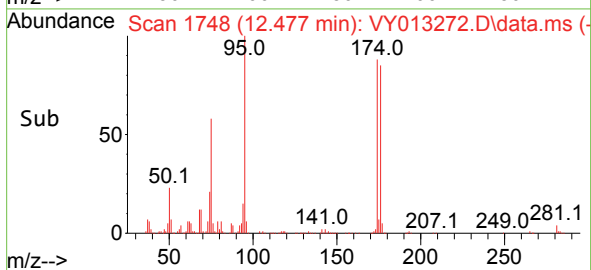
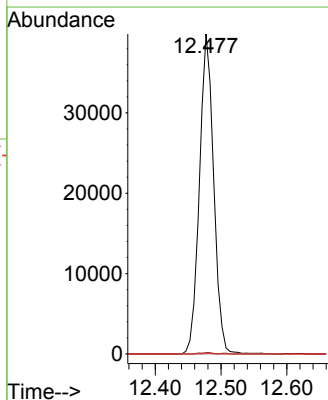
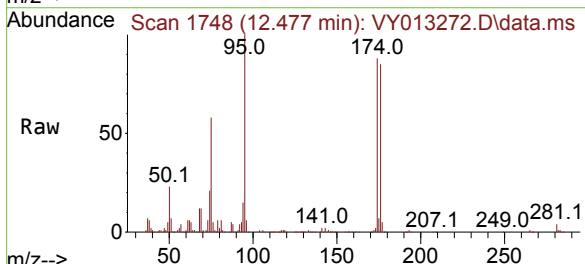
Instrument :
MSVOA_Y
ClientSampleId :
IDW-SO-G1-041123

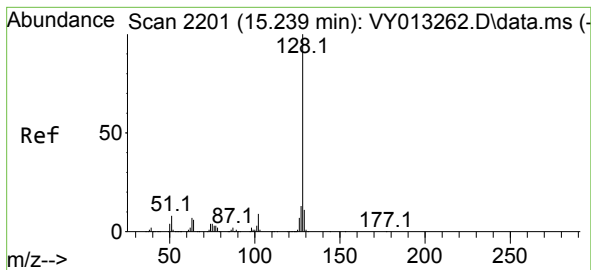
Tgt Ion: 75 Resp: 59948
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.910 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY013272.D
Acq: 12 Apr 2023 17:22

Tgt Ion: 75 Resp: 59948
Ion Ratio Lower Upper
75 100
53 0.4 73.4 110.0#
89 0.1 36.6 55.0#





#95

Naphthalene

Concen: 3.338 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013272.D

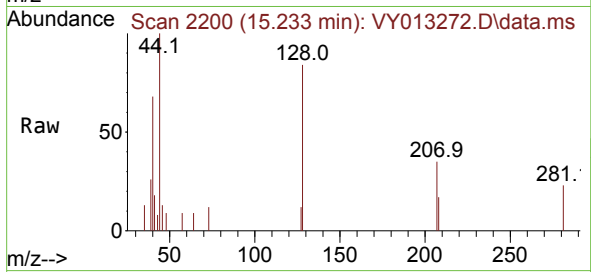
Acq: 12 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

IDW-SO-G1-041123



Tgt Ion:128 Resp: 748

Ion Ratio Lower Upper

128 100

127 21.8 10.3 15.5#

129 0.0 8.6 13.0#

