

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017208.D
 Acq On : 03 Feb 2024 02:08
 Operator : SY/MD
 Sample : P1345-01
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-278-IDWSO-20240201-1

Quant Time: Feb 03 02:32:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

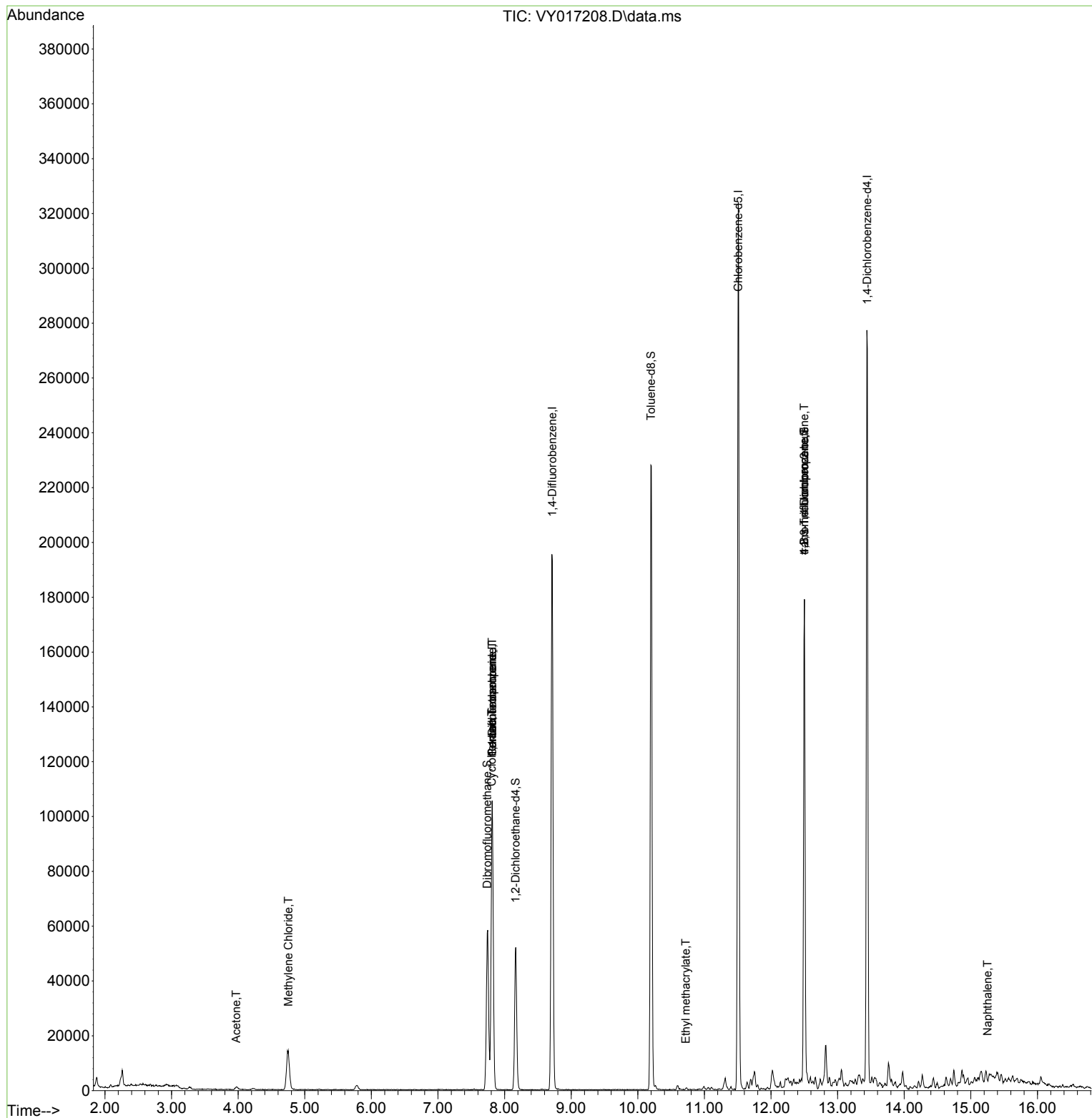
Internal Standards						
1) Pentafluorobenzene	7.813	168	79152	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	170280	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	176277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	69621	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	38691	54.718	ug/l	0.02
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.440%		
35) Dibromofluoromethane	7.740	113	41694	45.349	ug/l	0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 90.700%		
50) Toluene-d8	10.197	98	152253	45.483	ug/l	0.01
Spiked Amount	50.000	Range 58 - 134	Recovery	= 90.960%		
62) 4-Bromofluorobenzene	12.501	95	53606	48.885	ug/l	0.01
Spiked Amount	50.000	Range 30 - 143	Recovery	= 97.780%		
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	1999	9.619	ug/l	100
20) Methylene Chloride	4.753	84	11124	10.286	ug/l	91
31) Cyclohexane	7.807	56	1781	1.250	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	6750	4.256	ug/l #	51
38) Carbon Tetrachloride	7.813	117	8195	5.397	ug/l #	16
56) Ethyl methacrylate	10.721	69	61	3.057	ug/l #	1
76) 1,2,3-Trichloropropane	12.501	75	28386	44.174	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	28386	91.788	ug/l #	12
95) Naphthalene	15.251	128	211	3.529	ug/l #	69

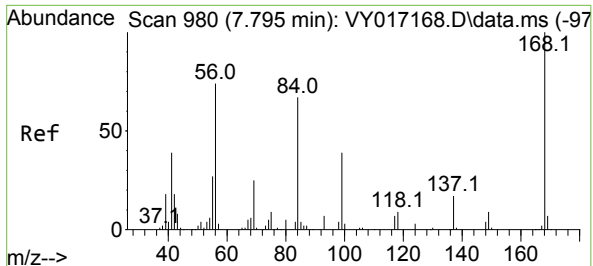
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

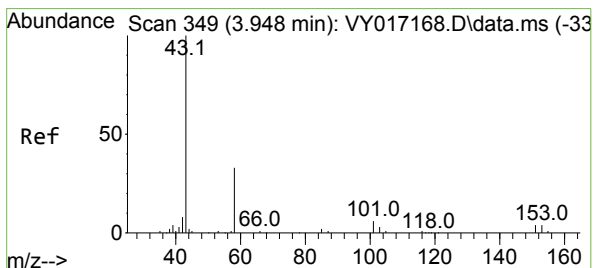
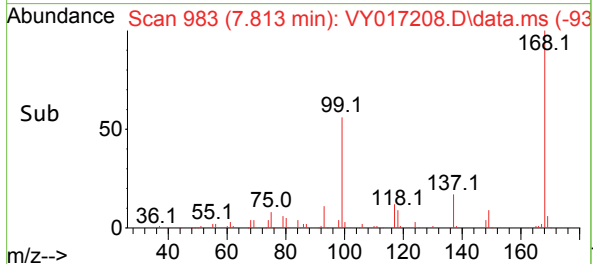
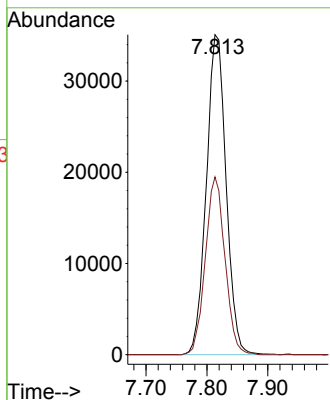
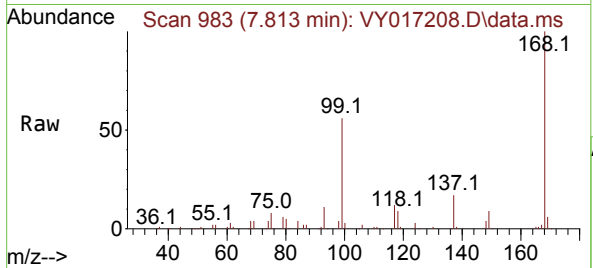




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017208.D
Acq: 03 Feb 2024 02:08

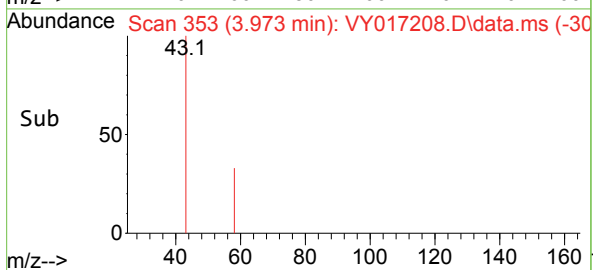
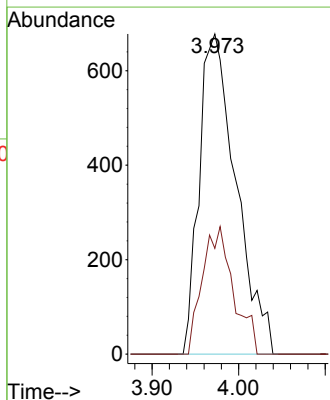
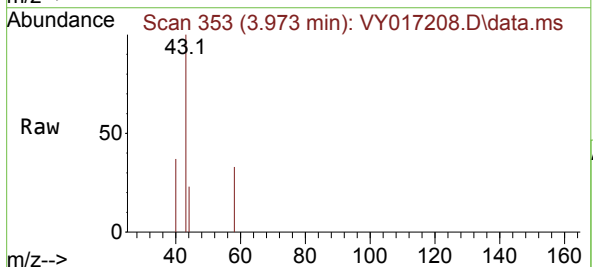
Instrument :
MSVOA_Y
ClientSampleId :
TT-278-IDWSO-20240201-1

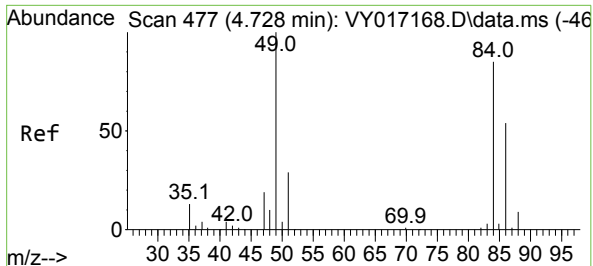
Tgt Ion:168 Resp: 79152
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#16
Acetone
Concen: 9.619 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.025 min
Lab File: VY017208.D
Acq: 03 Feb 2024 02:08

Tgt Ion: 43 Resp: 1999
Ion Ratio Lower Upper
43 100
58 33.0 26.6 39.8





#20

Methylene Chloride

Concen: 10.286 ug/l

RT: 4.753 min Scan# 41

Delta R.T. 0.025 min

Lab File: VY017208.D

Acq: 03 Feb 2024 02:08

Instrument :

MSVOA_Y

ClientSampleId :

TT-278-IDWSO-20240201-1

Tgt Ion: 84 Resp: 11124

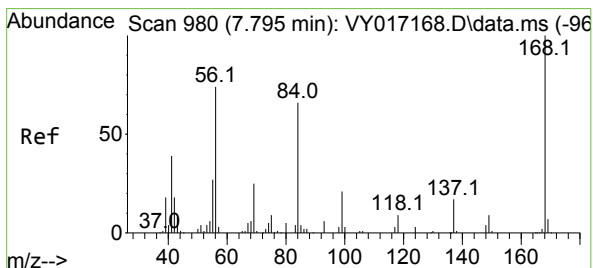
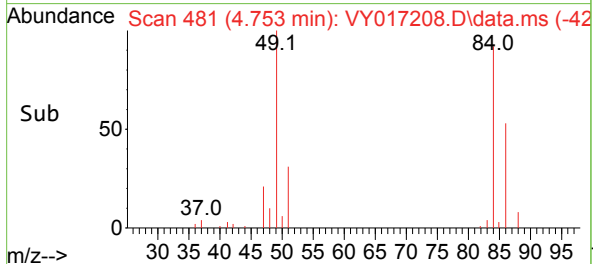
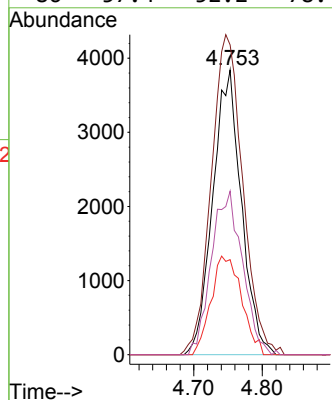
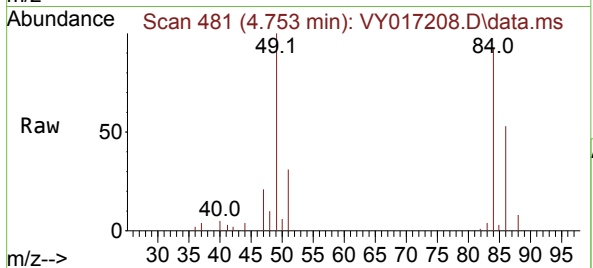
Ion Ratio Lower Upper

84 100

49 108.7 95.2 142.8

51 33.4 29.9 44.9

86 57.4 52.2 78.4



#31

Cyclohexane

Concen: 1.250 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.012 min

Lab File: VY017208.D

Acq: 03 Feb 2024 02:08

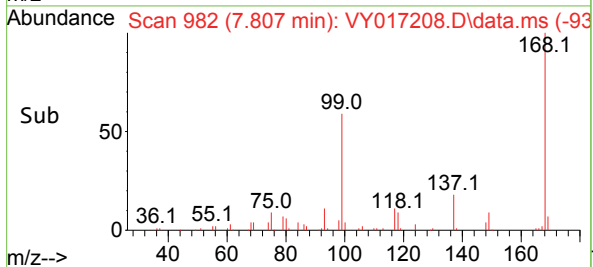
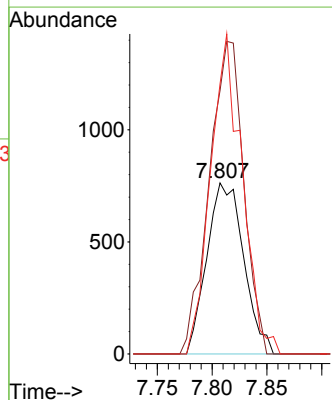
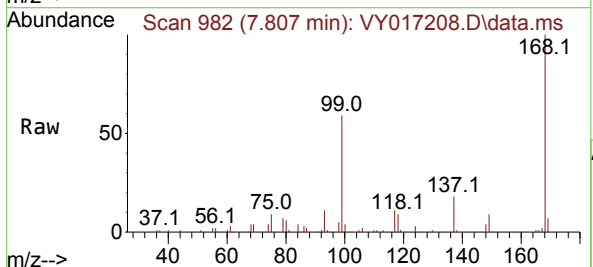
Tgt Ion: 56 Resp: 1781

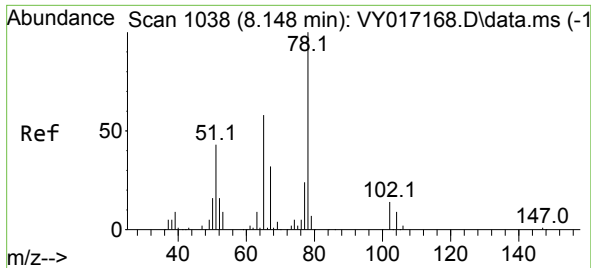
Ion Ratio Lower Upper

56 100

69 154.0 27.0 40.6#

84 157.9 71.8 107.6#

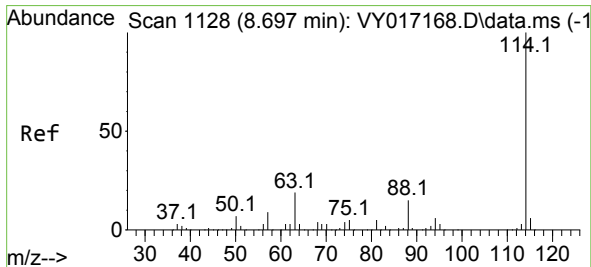
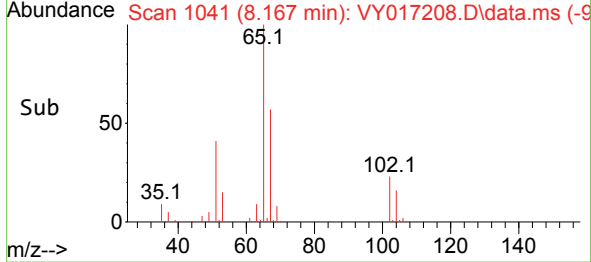
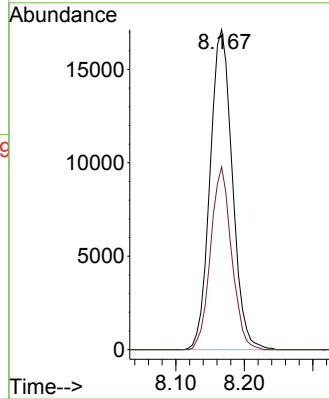
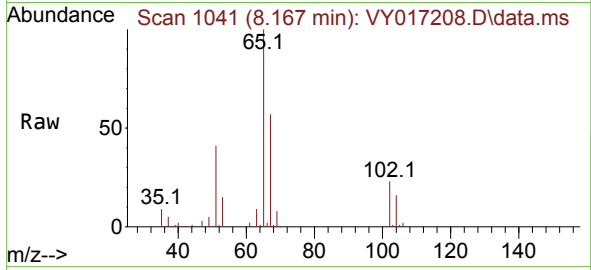




#33
1,2-Dichloroethane-d4
Concen: 54.718 ug/l
RT: 8.167 min Scan# 110
Delta R.T. 0.019 min
Lab File: VY017208.D
Acq: 03 Feb 2024 02:08

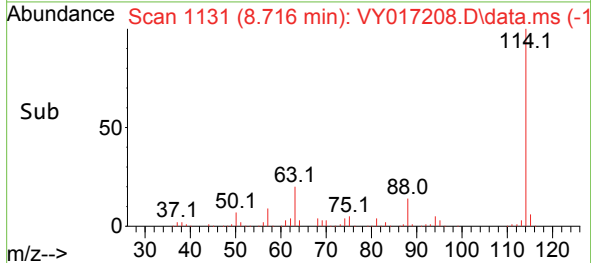
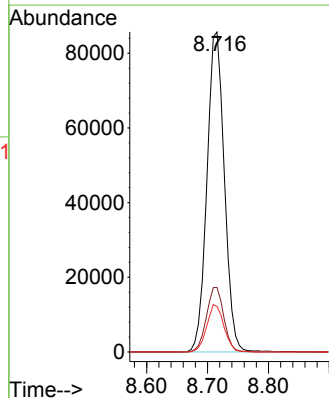
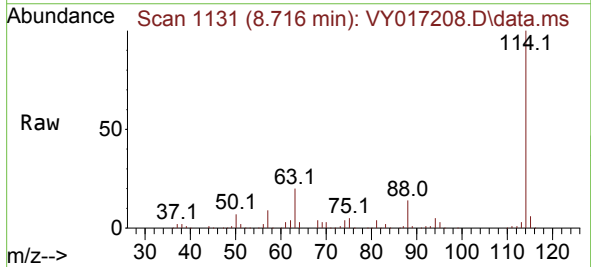
Instrument :
MSVOA_Y
ClientSampleId :
TT-278-IDWSO-20240201-1

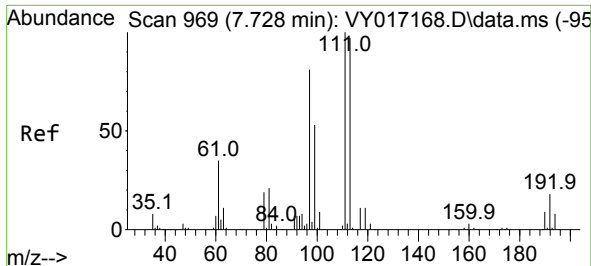
Tgt Ion: 65 Resp: 38691
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1131
Delta R.T. 0.019 min
Lab File: VY017208.D
Acq: 03 Feb 2024 02:08

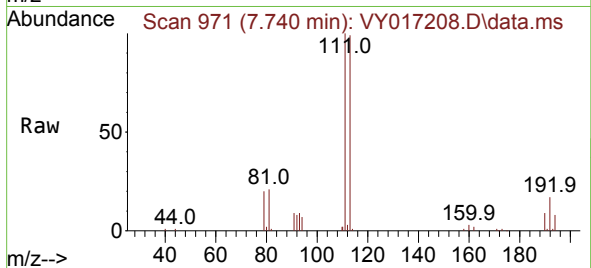
Tgt Ion: 114 Resp: 170280
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 14.2 0.0 29.0



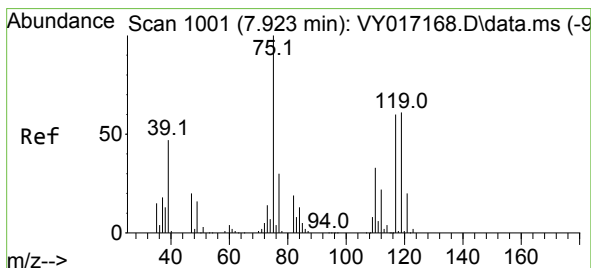
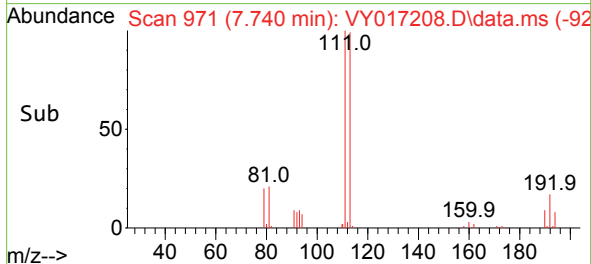
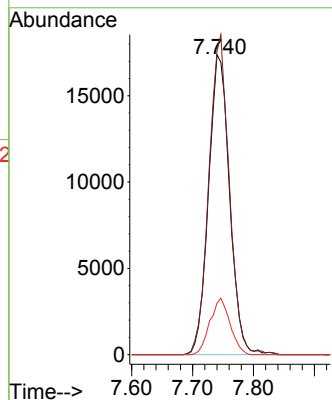


#35
Dibromofluoromethane
Concen: 45.349 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017208.D
Acq: 03 Feb 2024 02:08

Instrument :
MSVOA_Y
ClientSampleId :
TT-278-IDWSO-20240201-1

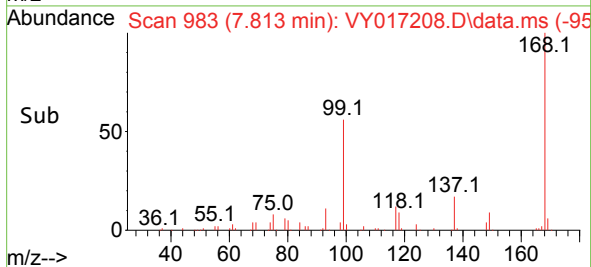
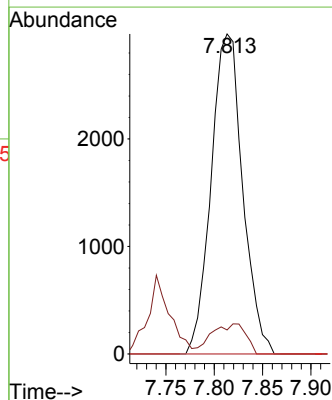
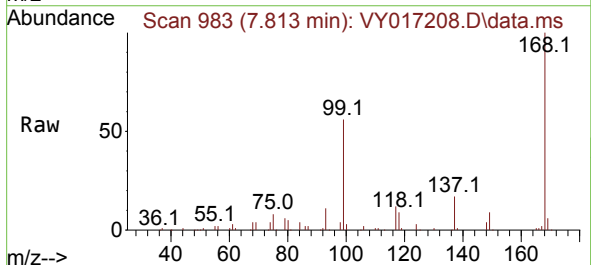


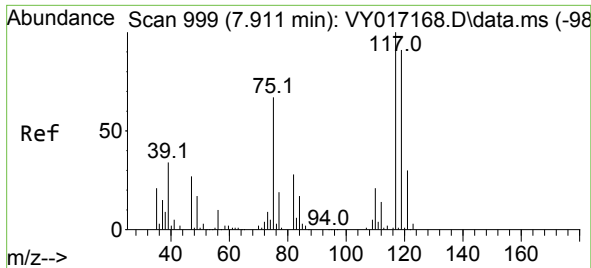
Tgt Ion:113 Resp: 41694
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.256 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.109 min
Lab File: VY017208.D
Acq: 03 Feb 2024 02:08

Tgt Ion: 75 Resp: 6750
Ion Ratio Lower Upper
75 100
110 10.3 17.4 52.3#
77 0.0 24.7 37.1#

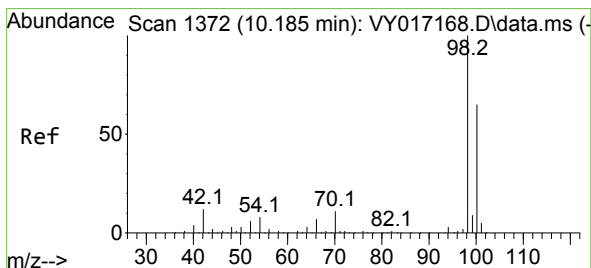
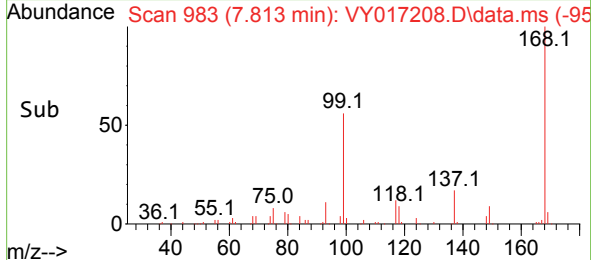
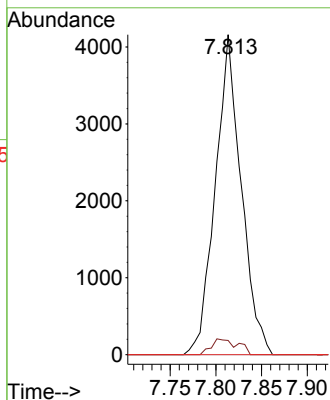
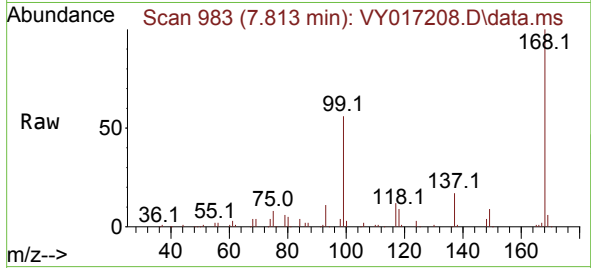




#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY017208.D
Acq: 03 Feb 2024 02:08

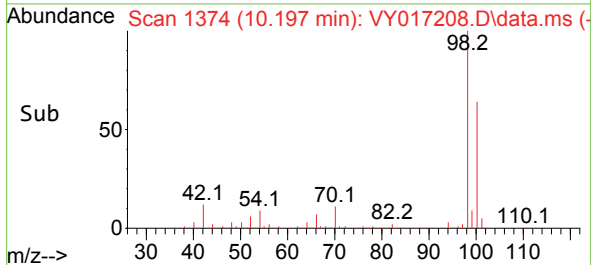
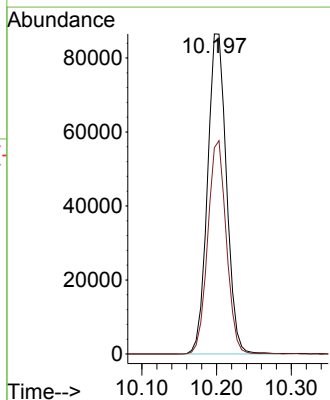
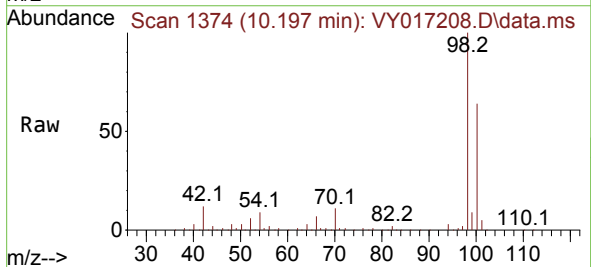
Instrument :
MSVOA_Y
ClientSampleId :
TT-278-IDWSO-20240201-1

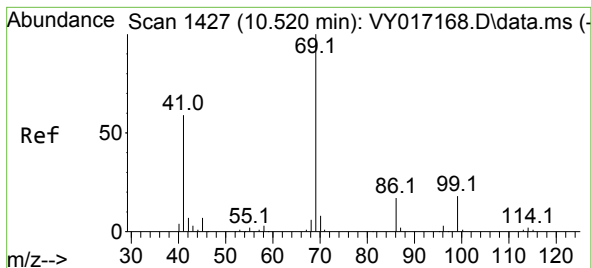
Tgt Ion:117 Resp: 8195
Ion Ratio Lower Upper
117 100
119 4.4 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.483 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017208.D
Acq: 03 Feb 2024 02:08

Tgt Ion: 98 Resp: 152253
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5





#56

Ethyl methacrylate

Concen: 3.057 ug/l

RT: 10.721 min Scan# 14

Delta R.T. 0.201 min

Lab File: VY017208.D

Acq: 03 Feb 2024 02:08

Instrument :

MSVOA_Y

ClientSampleId :

TT-278-IDWSO-20240201-1

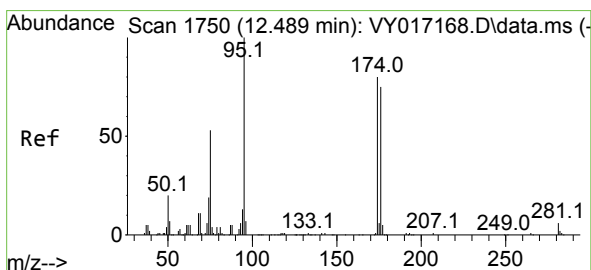
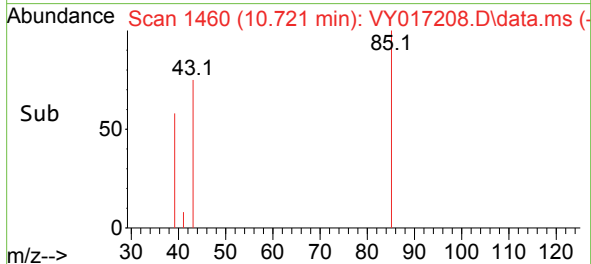
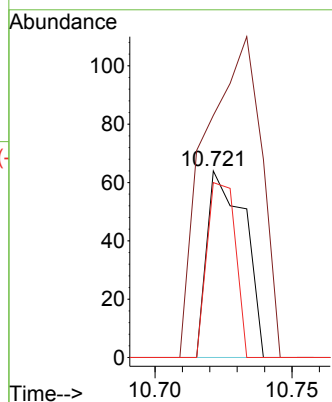
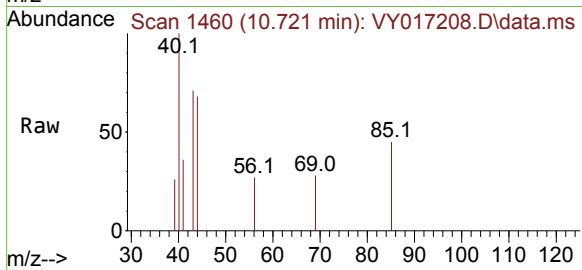
Tgt Ion: 69 Resp: 61

Ion Ratio Lower Upper

69 100

41 255.7 49.2 73.8#

39 70.5 26.8 40.2#



#62

4-Bromofluorobenzene

Concen: 48.885 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017208.D

Acq: 03 Feb 2024 02:08

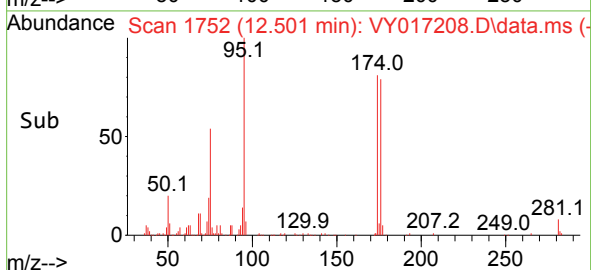
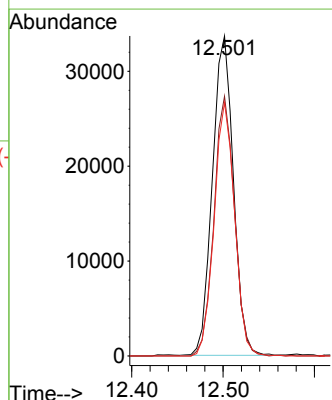
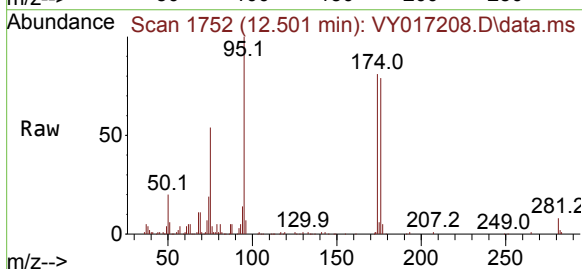
Tgt Ion: 95 Resp: 53606

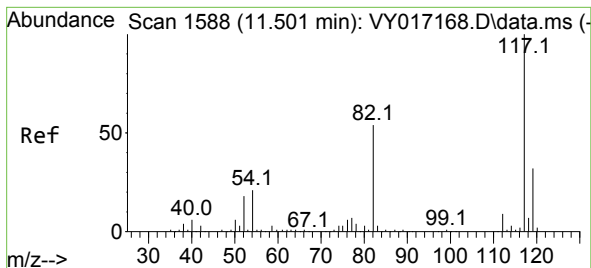
Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.0

176 77.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017208.D

Acq: 03 Feb 2024 02:08

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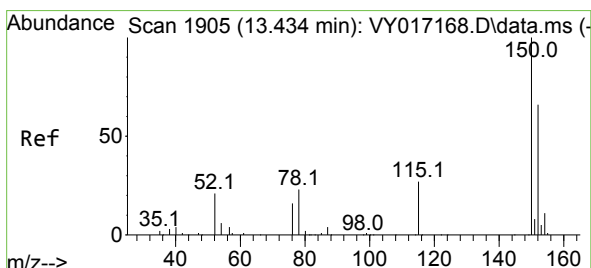
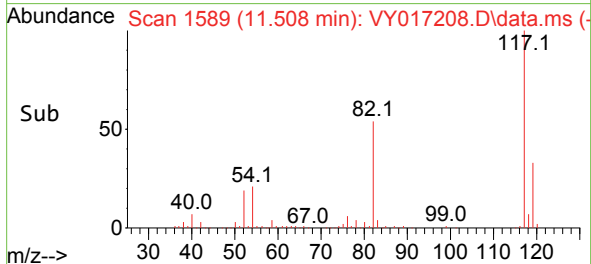
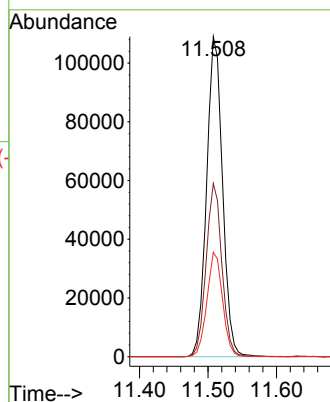
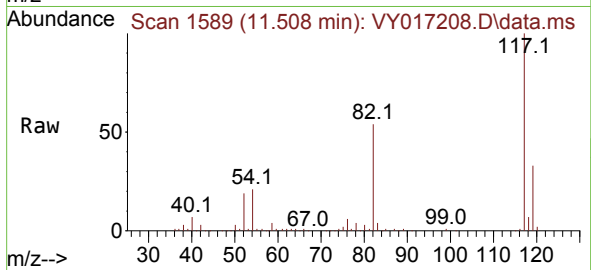
Tgt Ion:117 Resp: 176277

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.8

119 32.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY017208.D

Acq: 03 Feb 2024 02:08

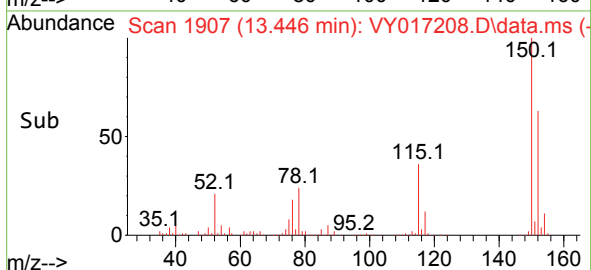
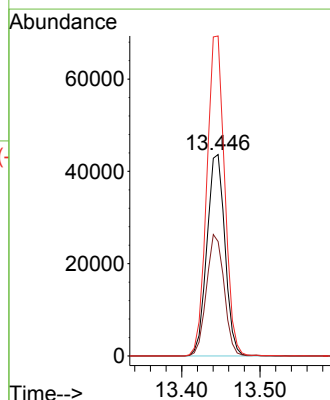
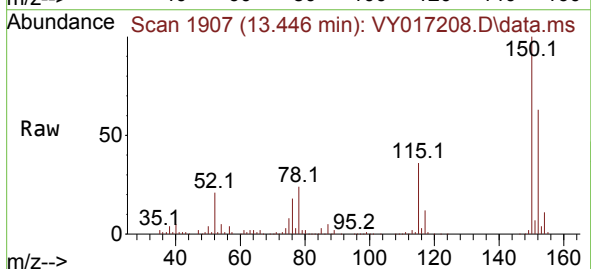
Tgt Ion:152 Resp: 69621

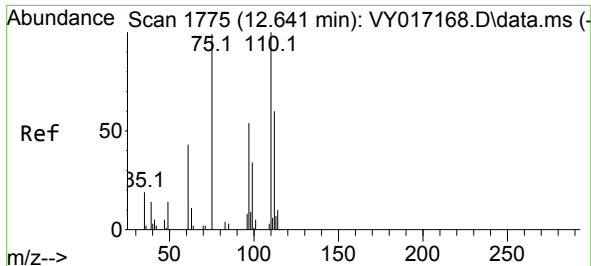
Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 157.2 0.0 344.6

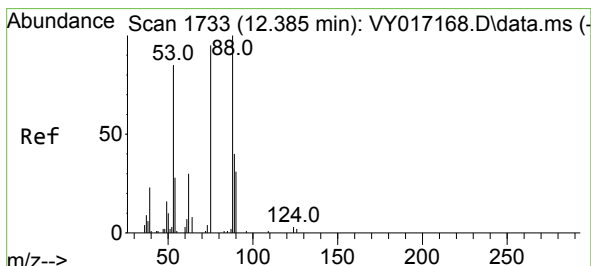
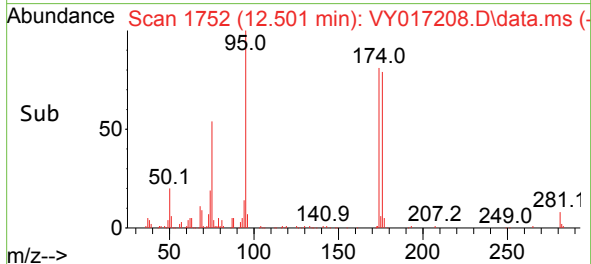
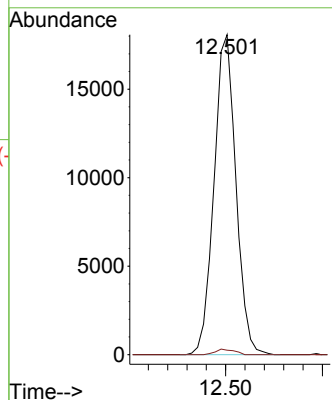
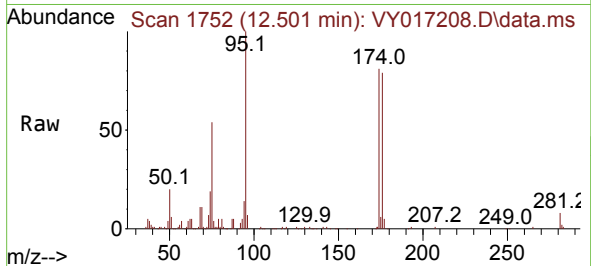




#76
1,2,3-Trichloropropane
Concen: 44.174 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY017208.D
Acq: 03 Feb 2024 02:08

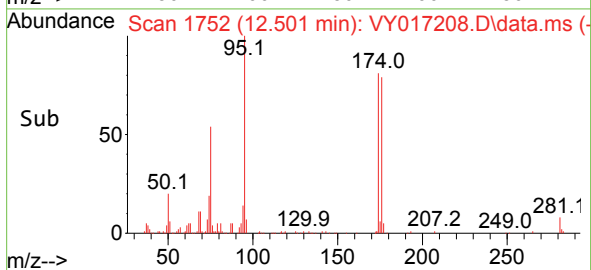
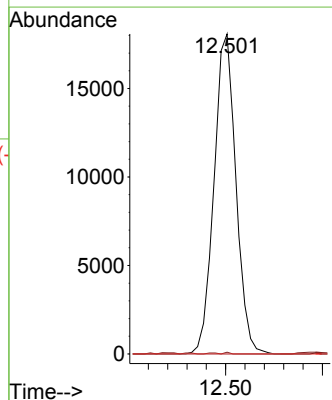
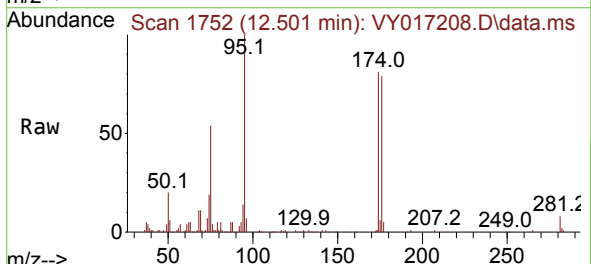
Instrument :
MSVOA_Y
ClientSampleId :
TT-278-IDWSO-20240201-1

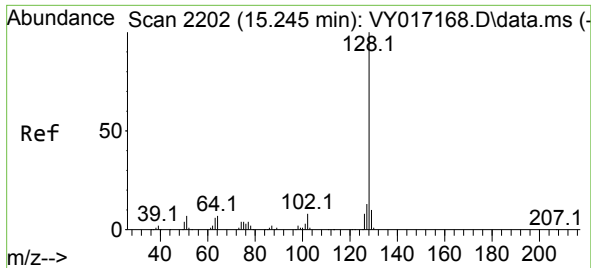
Tgt Ion: 75 Resp: 28386
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.788 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY017208.D
Acq: 03 Feb 2024 02:08

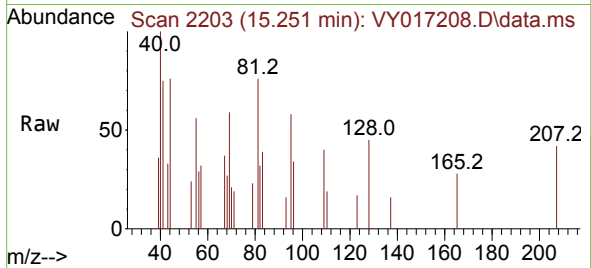
Tgt Ion: 75 Resp: 28386
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.0 36.5 54.7#





#95
 Naphthalene
 Concen: 3.529 ug/l
 RT: 15.251 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY017208.D
 Acq: 03 Feb 2024 02:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-278-IDWSO-20240201-1



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

