

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017213.D
 Acq On : 03 Feb 2024 04:05
 Operator : SY/MD
 Sample : P1345-03
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-278-IDWSO-20240201-3

Quant Time: Feb 03 04:31:21 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)

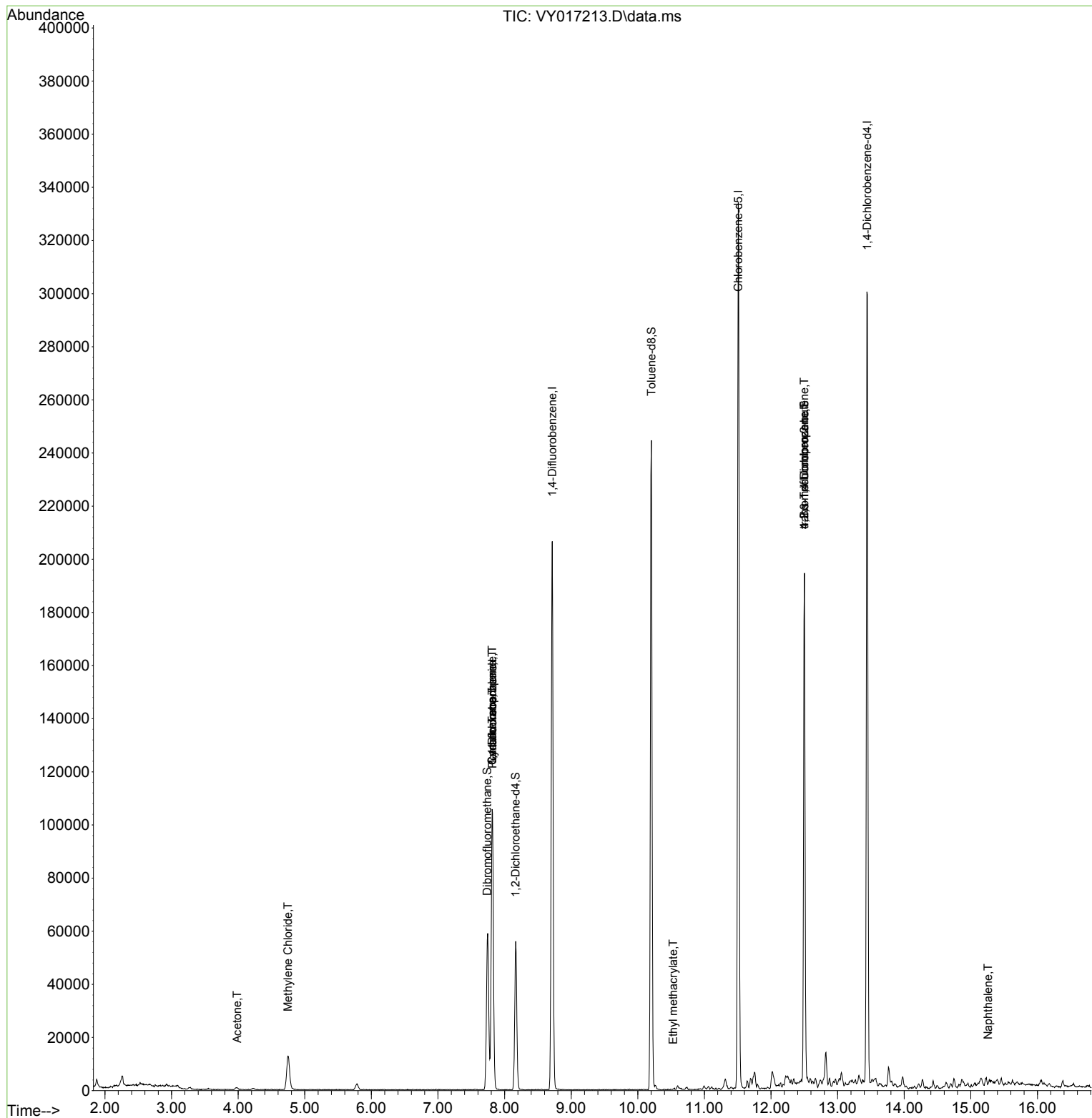
Internal Standards						
1) Pentafluorobenzene	7.819	168	81810	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	177274	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	186416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	75965	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	41312	56.527	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.060%
35) Dibromofluoromethane	7.740	113	43112	45.041	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.080%
50) Toluene-d8	10.203	98	158358	45.440	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.880%
62) 4-Bromofluorobenzene	12.501	95	57912	50.728	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.460%
Target Compounds						
					Qvalue	
16) Acetone	3.985	43	1506	7.011	ug/l	94
20) Methylene Chloride	4.747	84	10088	8.563	ug/l	91
31) Cyclohexane	7.813	56	1829	1.242	ug/l #	11
36) 1,1-Dichloropropene	7.813	75	6848	4.148	ug/l #	49
38) Carbon Tetrachloride	7.813	117	7996	5.058	ug/l #	16
56) Ethyl methacrylate	10.532	69	78	3.069	ug/l #	48
76) 1,2,3-Trichloropropane	12.501	75	30050	42.858	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	30050	89.054	ug/l #	13
95) Naphthalene	15.257	128	279	3.552	ug/l #	69

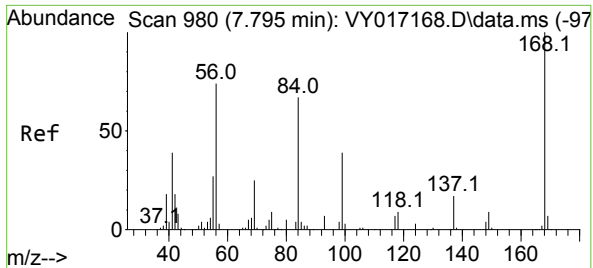
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
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Response via : Initial Calibration

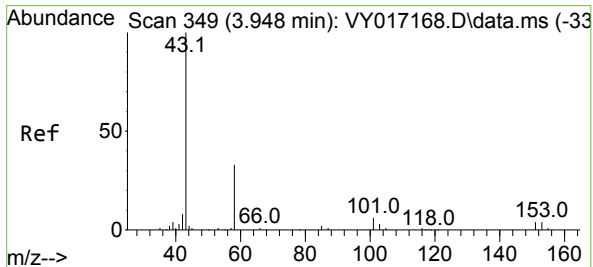
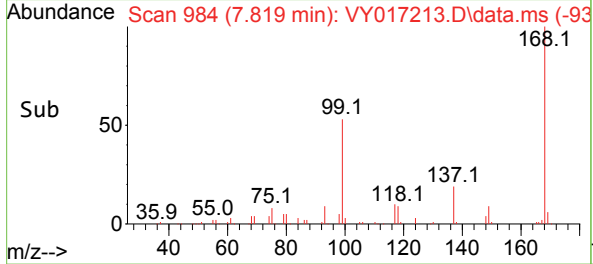
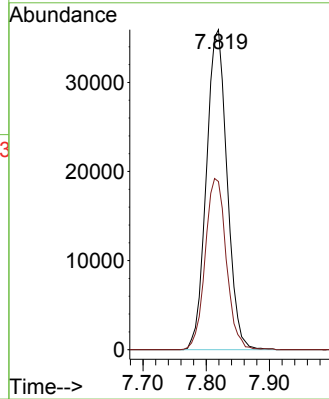
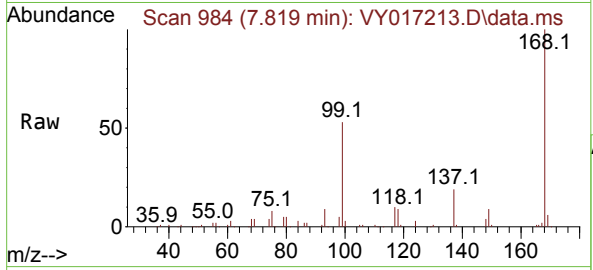




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

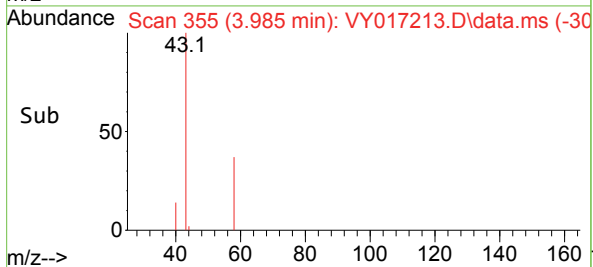
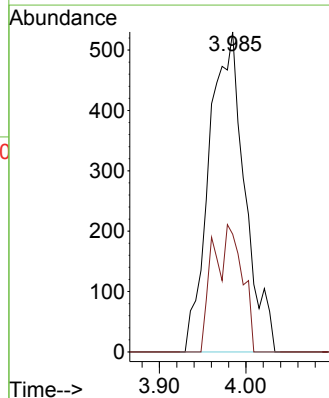
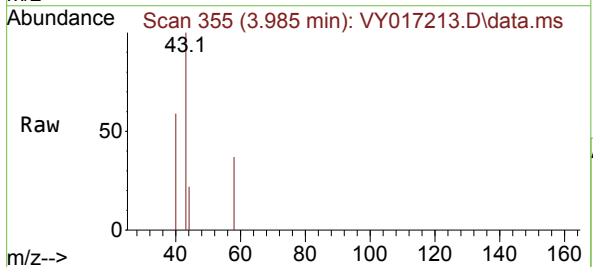
Instrument :
MSVOA_Y
ClientSampleId :
TT-278-IDWSO-20240201-3

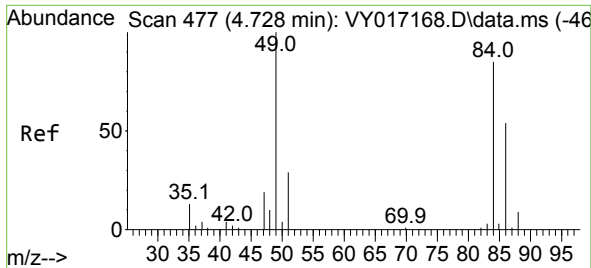
Tgt Ion:168 Resp: 81810
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#16
Acetone
Concen: 7.011 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.037 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

Tgt Ion: 43 Resp: 1506
Ion Ratio Lower Upper
43 100
58 36.8 26.6 39.8

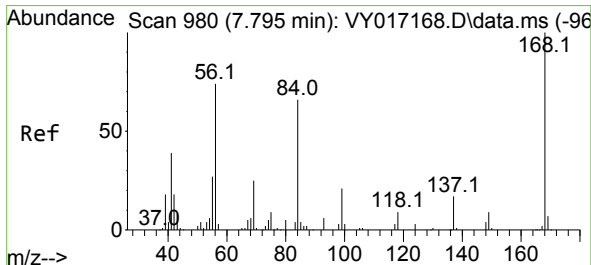
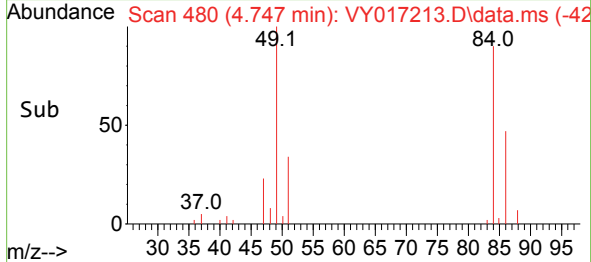
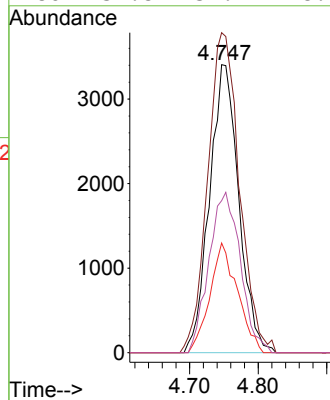
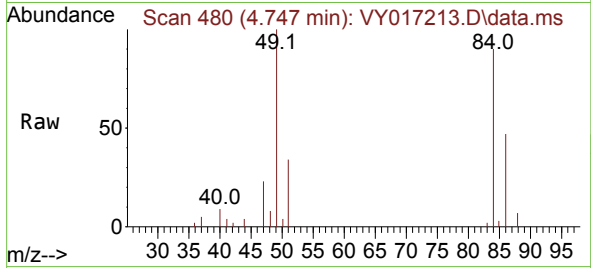




#20
Methylene Chloride
Concen: 8.563 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

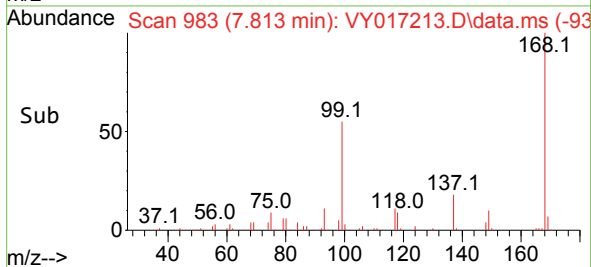
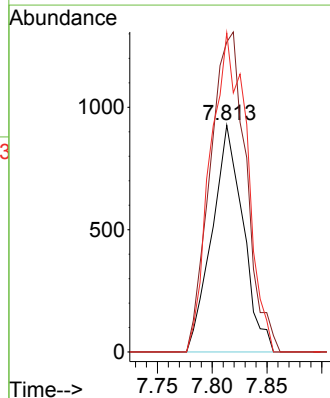
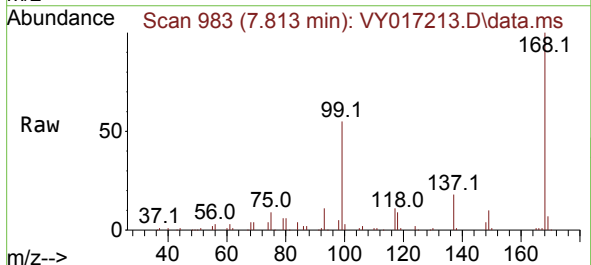
Instrument :
MSVOA_Y
ClientSampleId :
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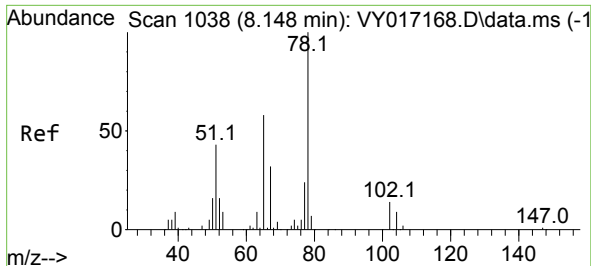
Tgt Ion: 84	Resp: 10088
Ion Ratio	Lower Upper
84 100	
49 111.1	95.2 142.8
51 38.1	29.9 44.9
86 52.8	52.2 78.4



#31
Cyclohexane
Concen: 1.242 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.019 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

Tgt Ion: 56	Resp: 1829
Ion Ratio	Lower Upper
56 100	
69 136.7	27.0 40.6#
84 140.7	71.8 107.6#

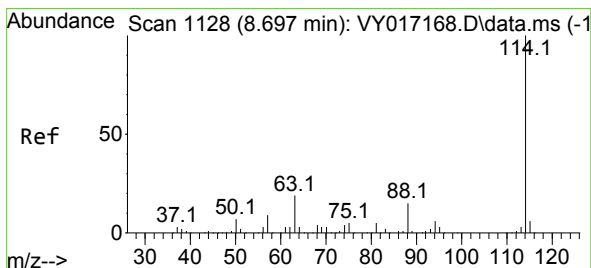
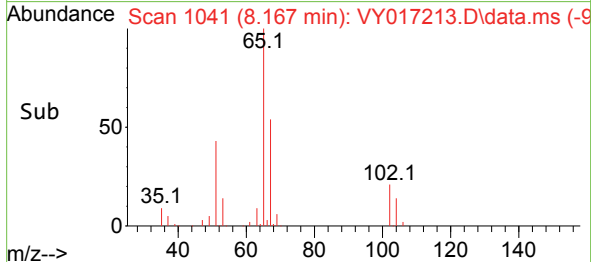
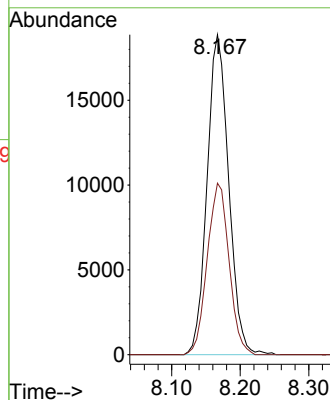
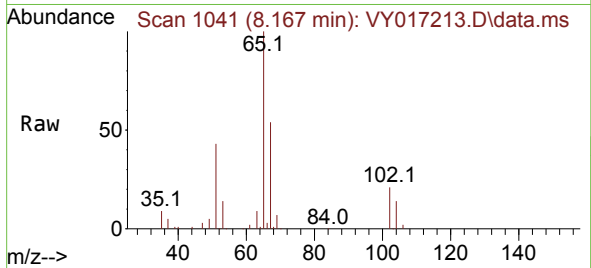




#33
1,2-Dichloroethane-d4
Concen: 56.527 ug/l
RT: 8.167 min Scan# 110
Delta R.T. 0.019 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

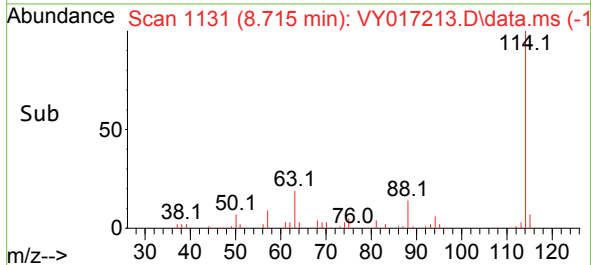
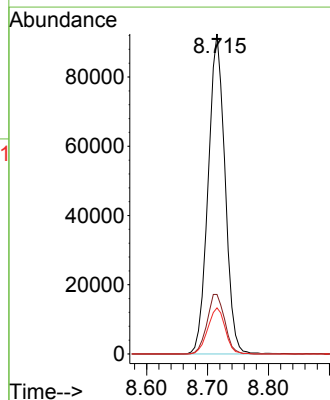
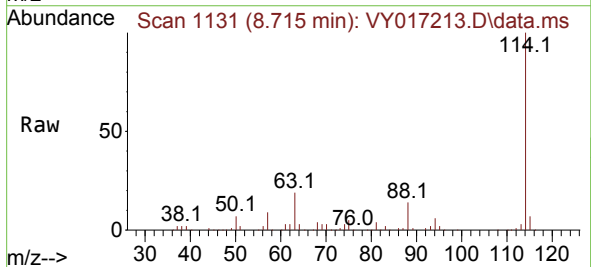
Instrument :
MSVOA_Y
ClientSampleId :
TT-278-IDWSO-20240201-3

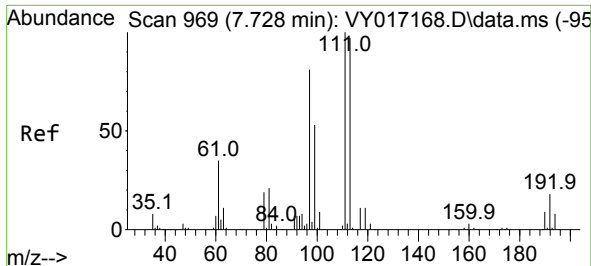
Tgt Ion: 65 Resp: 41312
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.715 min Scan# 1131
Delta R.T. 0.019 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

Tgt Ion: 114 Resp: 177274
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.4
88 14.4 0.0 29.0

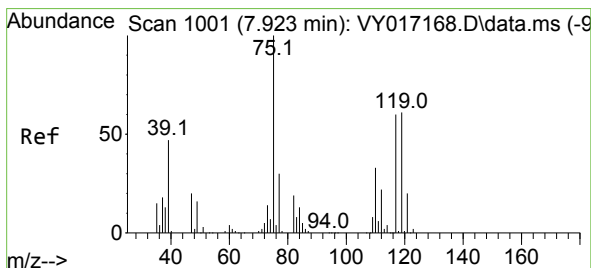
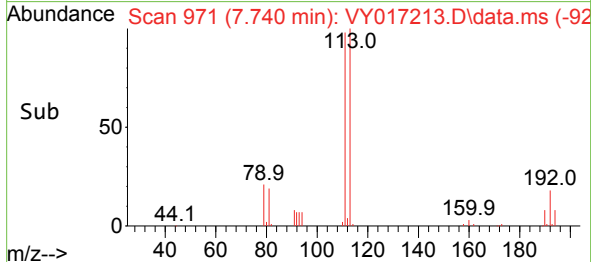
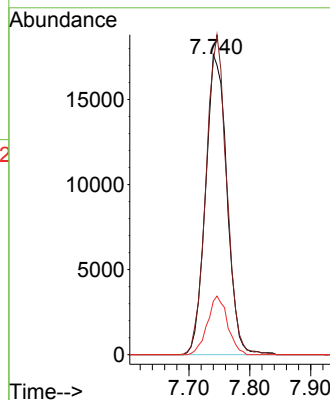
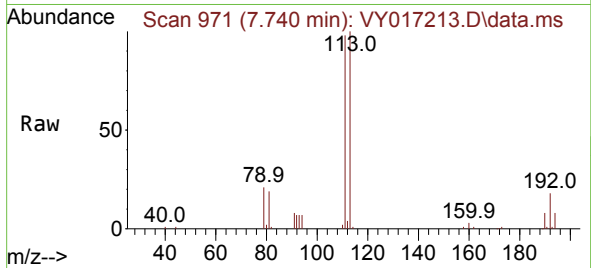




#35
Dibromofluoromethane
Concen: 45.041 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

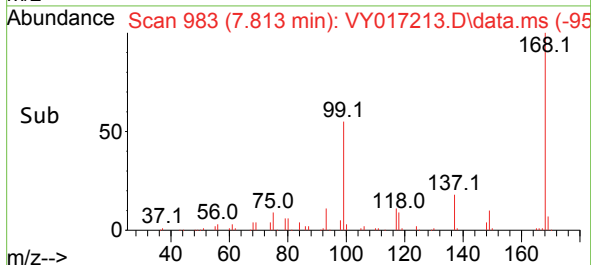
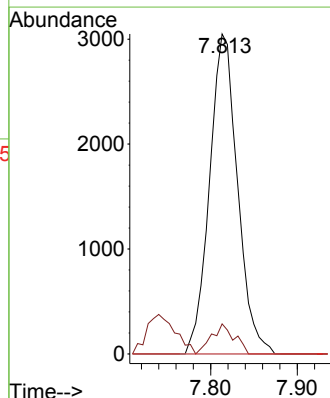
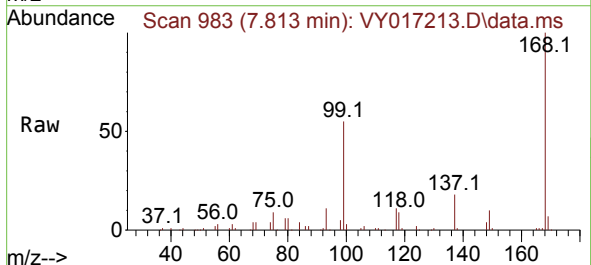
Instrument :
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ClientSampleId :
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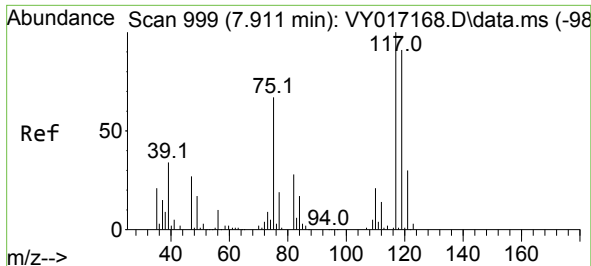
Tgt Ion:113 Resp: 43112
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.148 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.109 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

Tgt Ion: 75 Resp: 6848
Ion Ratio Lower Upper
75 100
110 7.6 17.4 52.3#
77 0.0 24.7 37.1#

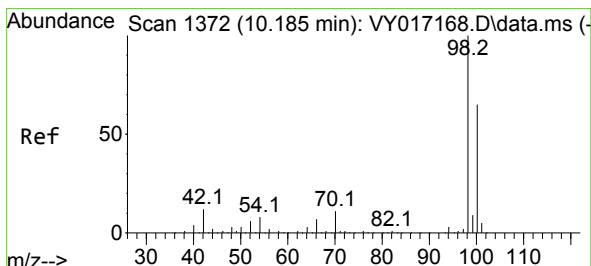
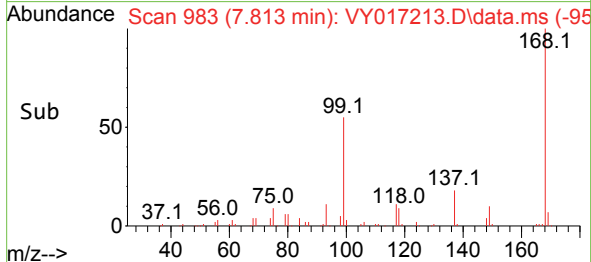
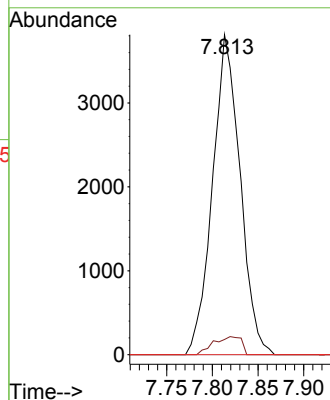
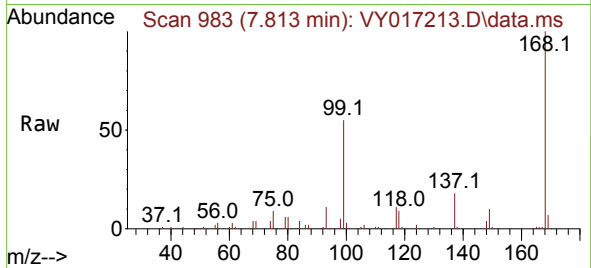




#38
Carbon Tetrachloride
Concen: 5.058 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

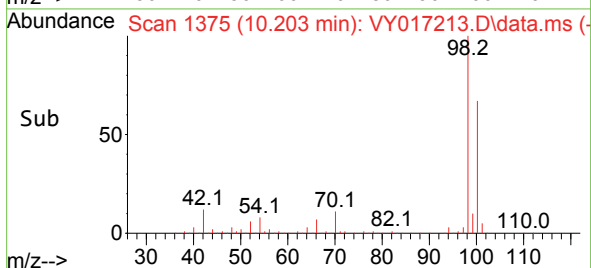
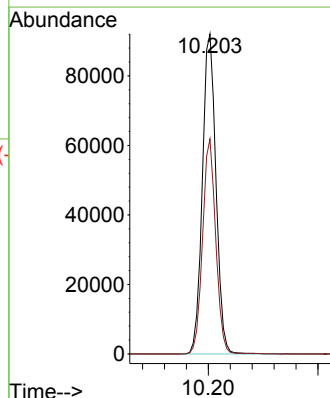
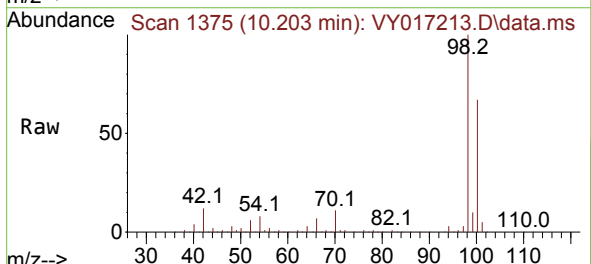
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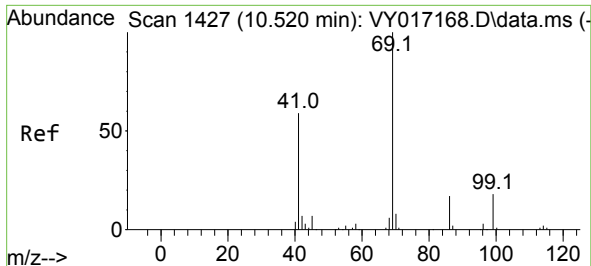
Tgt Ion:117 Resp: 7996
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.440 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.019 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

Tgt Ion: 98 Resp: 158358
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

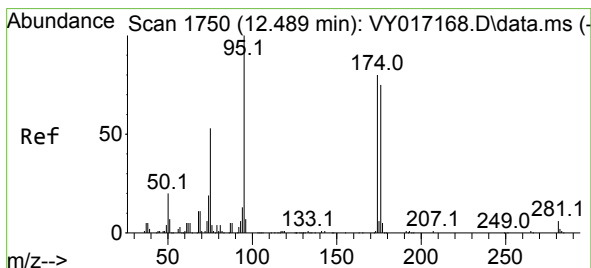
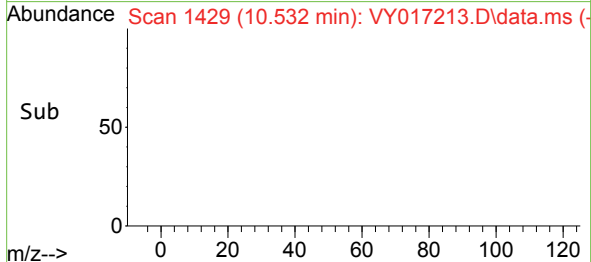
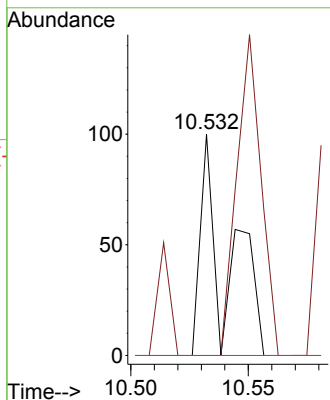
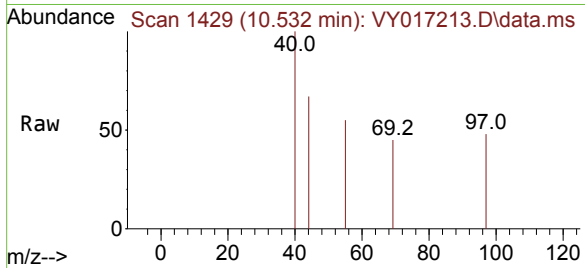




#56
Ethyl methacrylate
Concen: 3.069 ug/l
RT: 10.532 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

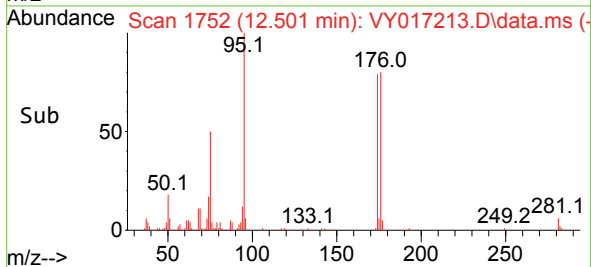
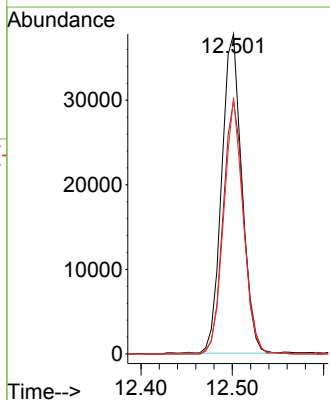
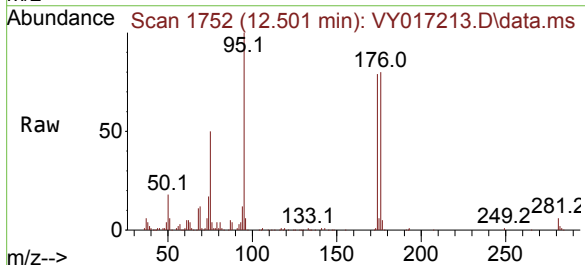
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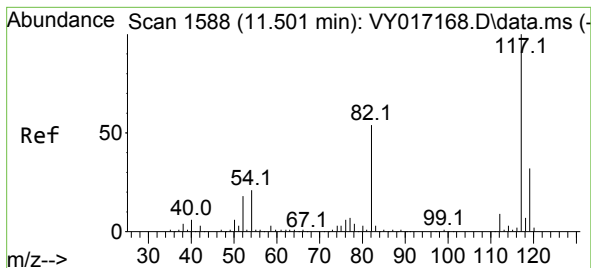
Tgt Ion: 69 Resp: 78
Ion Ratio Lower Upper
69 100
41 24.4 49.2 73.8#
39 0.0 26.8 40.2#



#62
4-Bromofluorobenzene
Concen: 50.728 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

Tgt Ion: 95 Resp: 57912
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.0
176 77.1 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: VY017213.D

Acq: 03 Feb 2024 04:05

Instrument :

MSVOA_Y

ClientSampleId :

TT-278-IDWSO-20240201-3

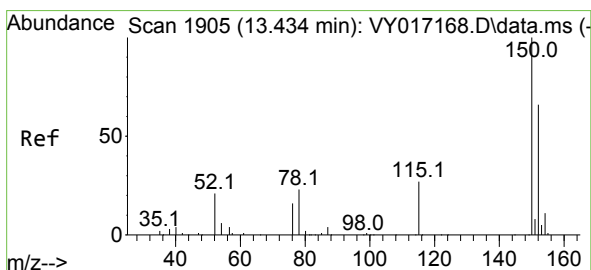
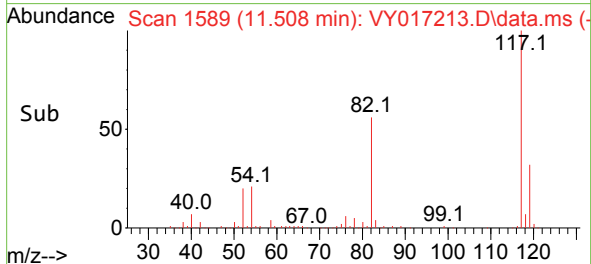
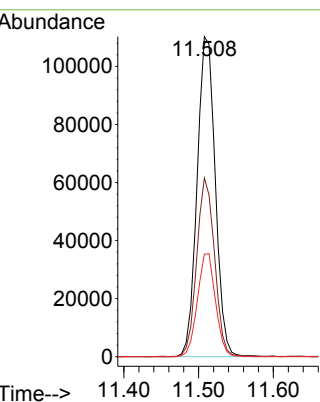
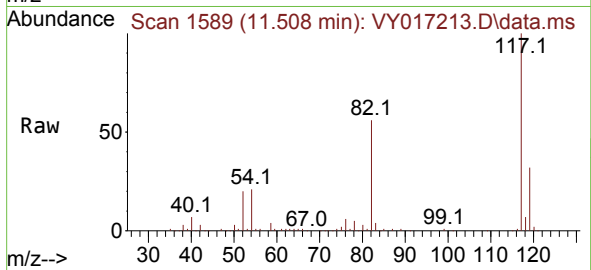
Tgt Ion:117 Resp: 186416

Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

119 32.0 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017213.D

Acq: 03 Feb 2024 04:05

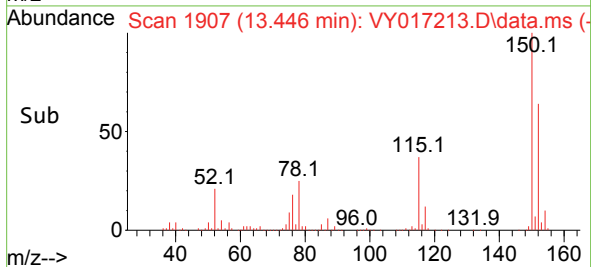
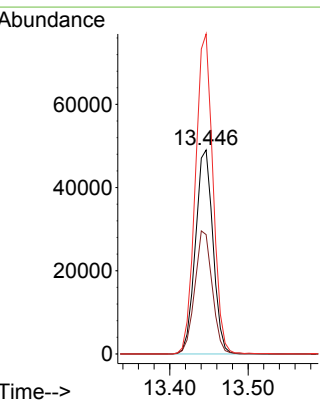
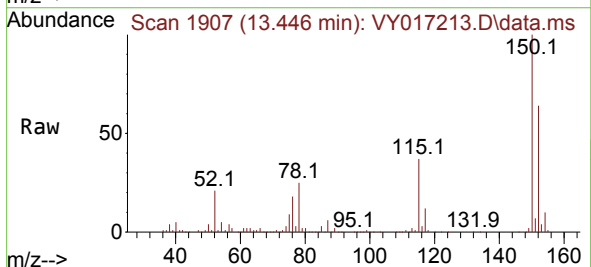
Tgt Ion:152 Resp: 75965

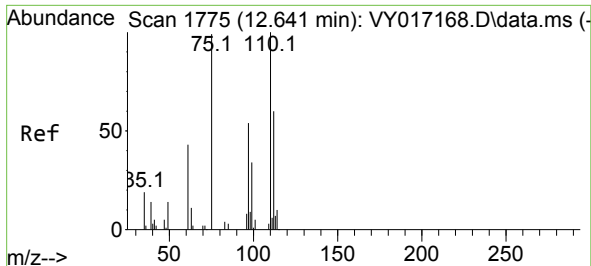
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 157.0 0.0 344.6

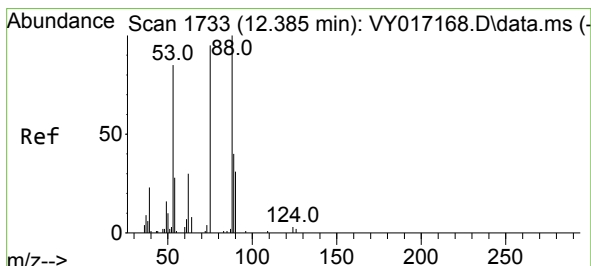
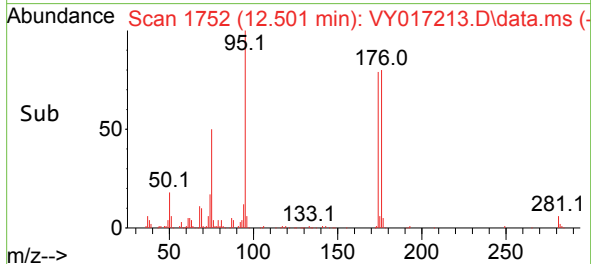
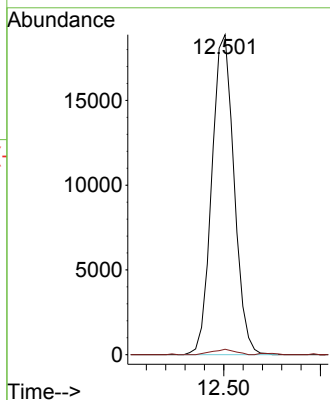
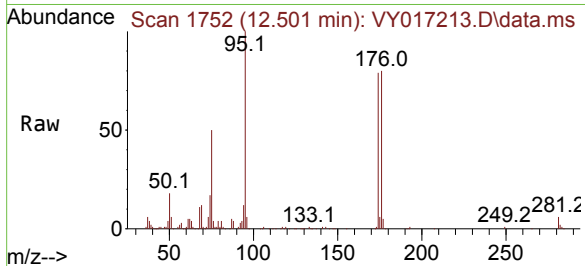




#76
1,2,3-Trichloropropane
Concen: 42.858 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

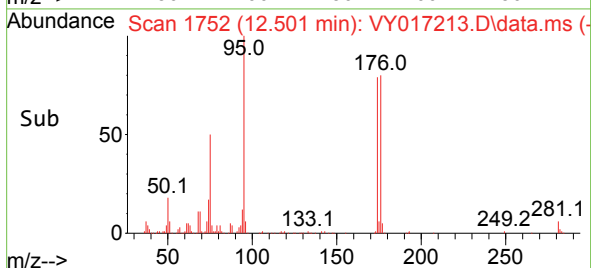
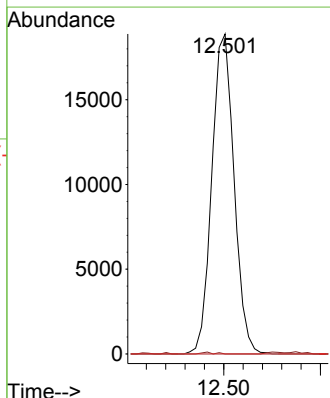
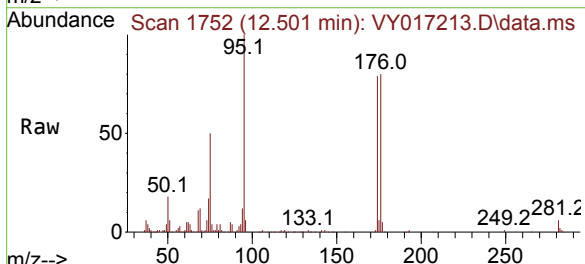
Instrument :
MSVOA_Y
ClientSampleId :
TT-278-IDWSO-20240201-3

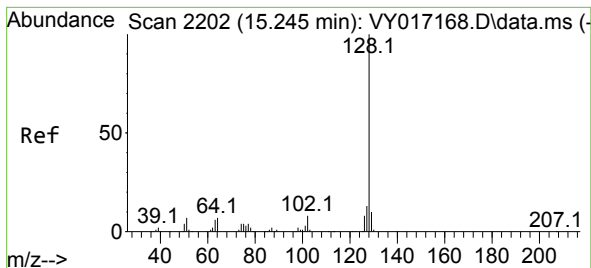
Tgt Ion: 75 Resp: 30050
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.054 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY017213.D
Acq: 03 Feb 2024 04:05

Tgt Ion: 75 Resp: 30050
Ion Ratio Lower Upper
75 100
53 0.3 74.0 111.0#
89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 3.552 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY017213.D

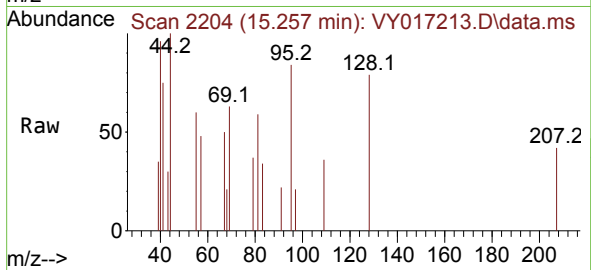
Acq: 03 Feb 2024 04:05

Instrument :

MSVOA_Y

ClientSampleId :

TT-278-IDWSO-20240201-3



Tgt Ion:128 Resp: 279

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#

