

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017713.D
 Acq On : 19 Mar 2024 17:43
 Operator : SY/MD
 Sample : P1804-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-03192024-A

Quant Time: Mar 20 03:04:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

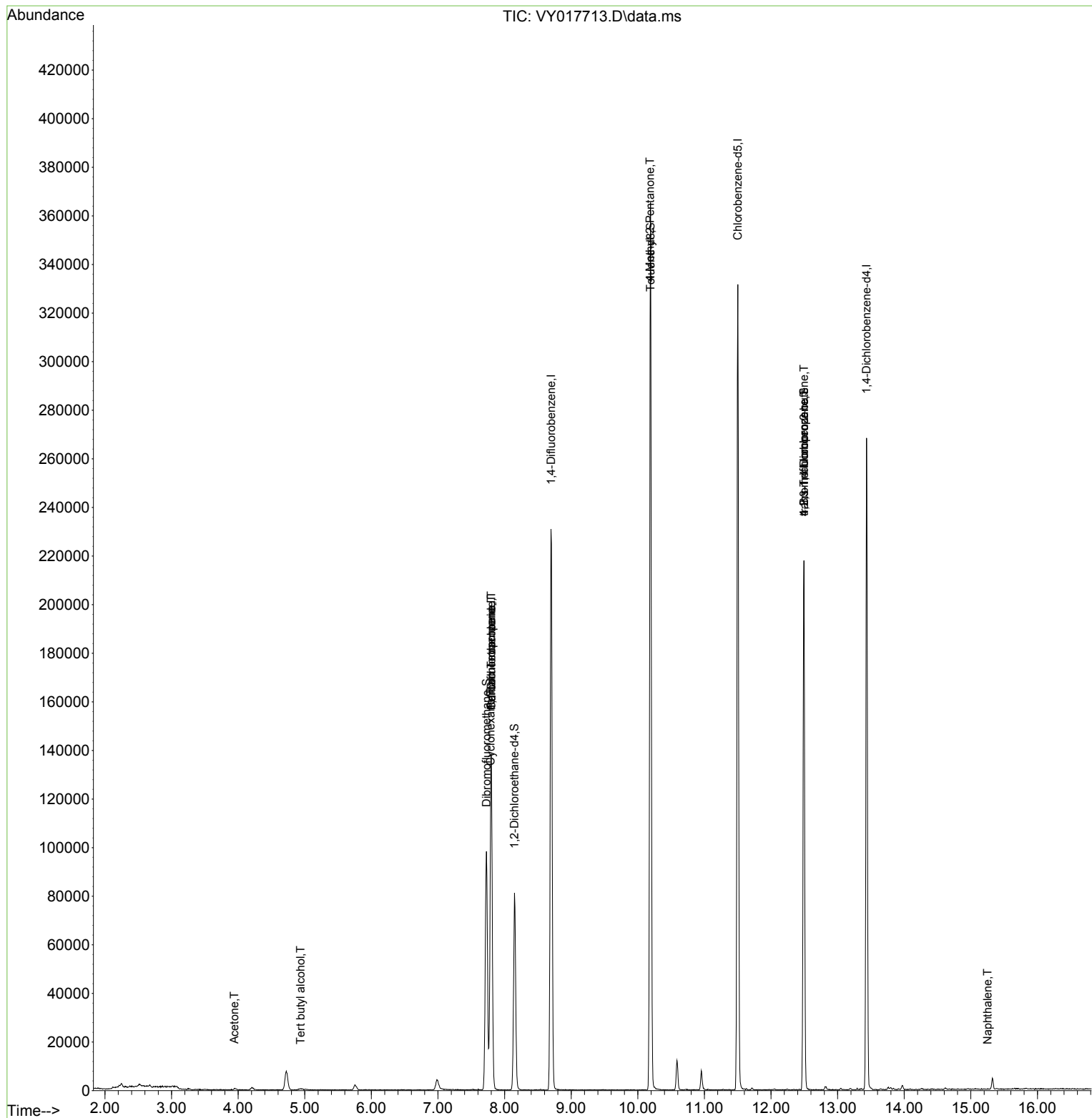
Internal Standards						
1) Pentafluorobenzene	7.801	168	116729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	193917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59793	54.049	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.100%			
35) Dibromofluoromethane	7.728	113	70374	46.830	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.660%			
50) Toluene-d8	10.191	98	245987	46.817	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.640%			
62) 4-Bromofluorobenzene	12.495	95	66639	40.356	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.720%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	806	8.577	ug/l #	88
16) Acetone	3.942	43	977	4.553	ug/l #	85
20) Methylene Chloride	4.716	84	6323	Below Cal		92
31) Cyclohexane	7.789	56	1988	1.104	ug/l #	8
36) 1,1-Dichloropropene	7.801	75	7865	3.879	ug/l #	48
38) Carbon Tetrachloride	7.801	117	10697	5.264	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	827	1.054	ug/l #	1
76) 1,2,3-Trichloropropane	12.495	75	32438	46.514	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	32438	106.878	ug/l #	16
95) Naphthalene	15.251	128	237	4.009	ug/l #	69

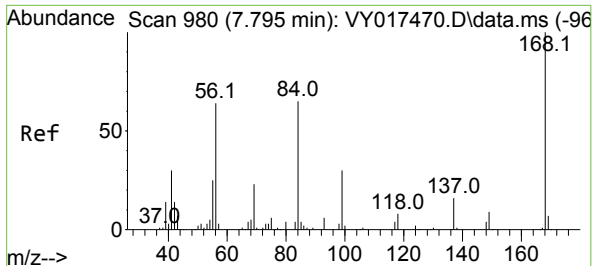
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
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Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
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JC-03-03192024-A

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
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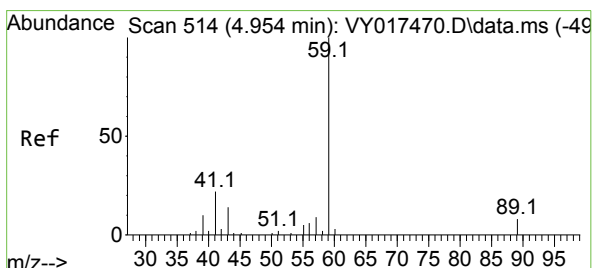
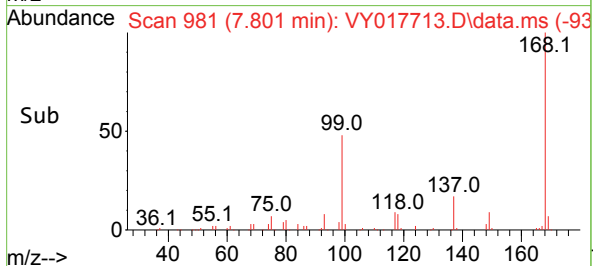
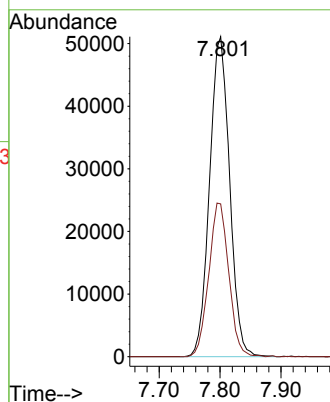
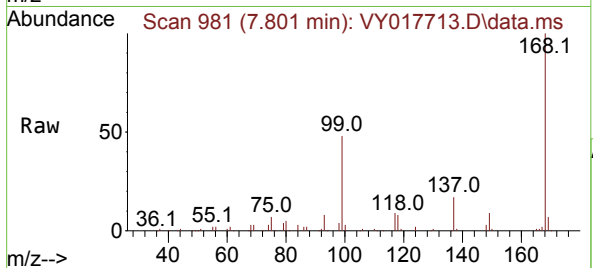




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

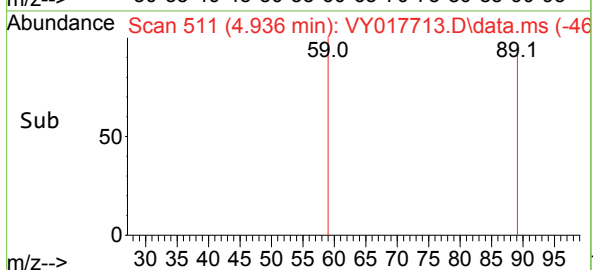
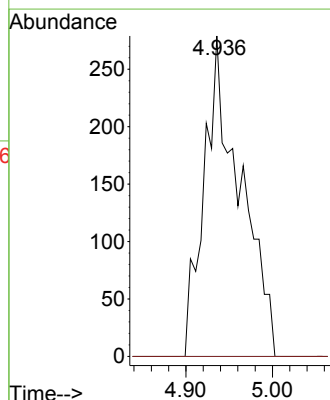
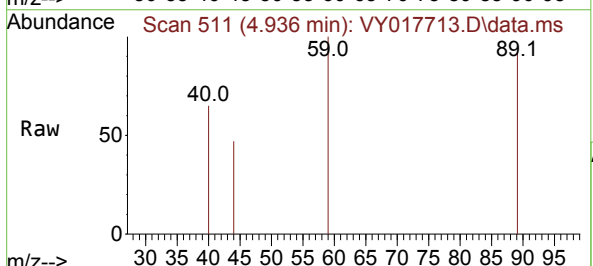
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03192024-A

Tgt Ion:168 Resp: 116729
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 8.577 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

Tgt Ion: 59 Resp: 806
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

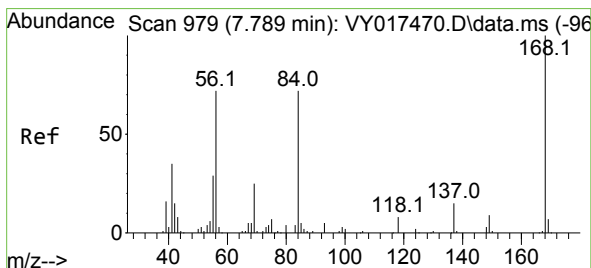
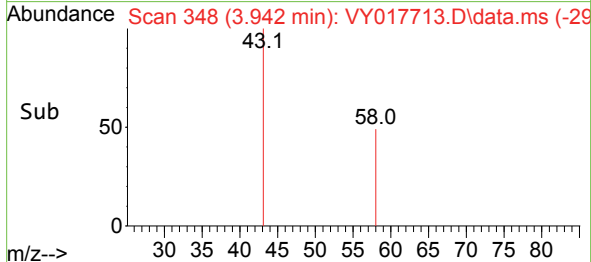
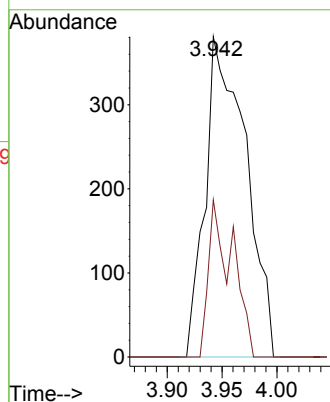
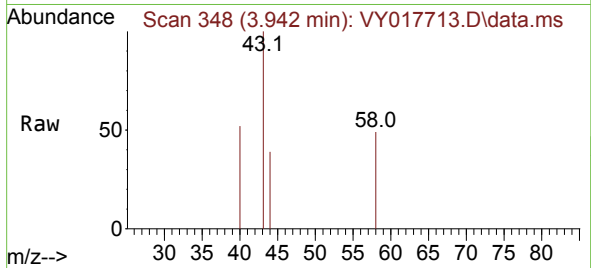




#16
Acetone
Concen: 4.553 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

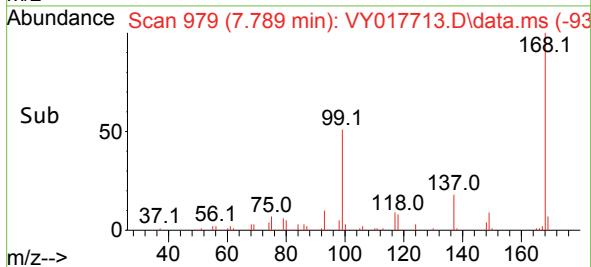
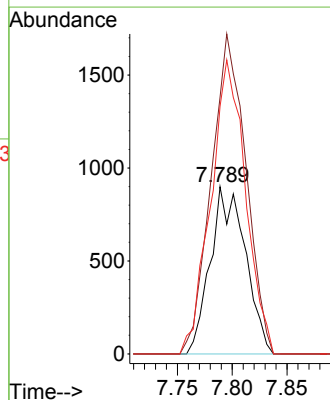
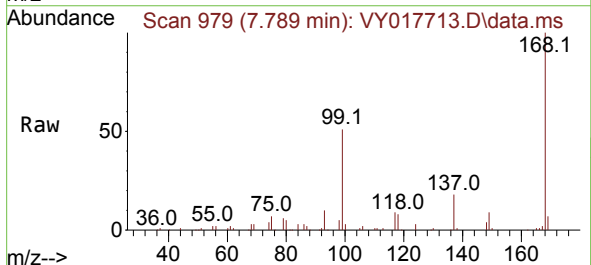
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ClientSampleId :
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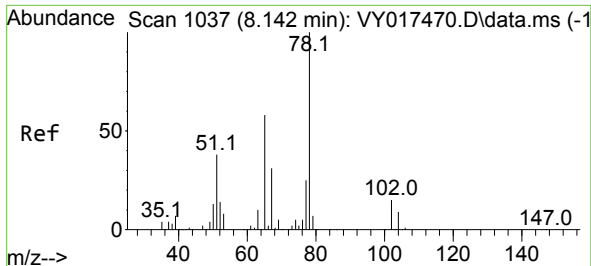
Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
58 49.1 31.7 47.5#



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

Tgt Ion: 56 Resp: 1988
Ion Ratio Lower Upper
56 100
69 153.5 28.7 43.1#
84 148.1 77.7 116.5#

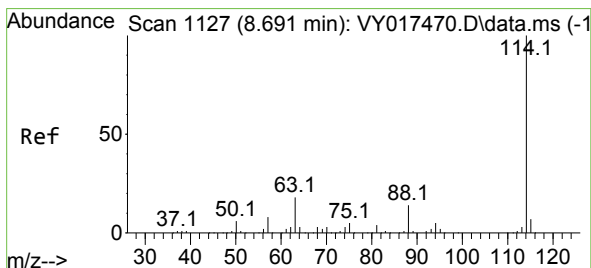
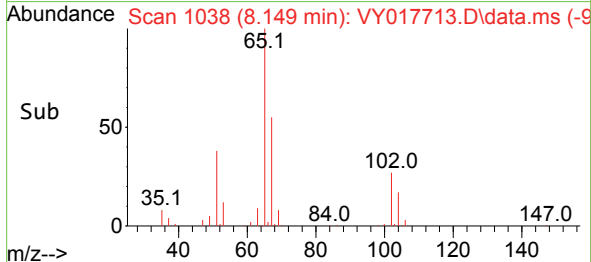
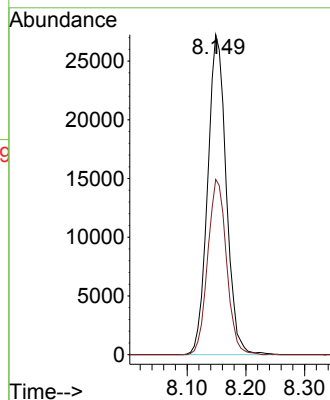
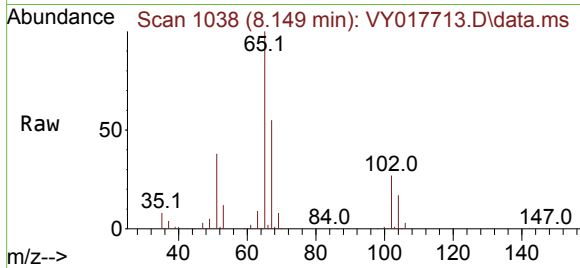




#33
 1,2-Dichloroethane-d4
 Concen: 54.049 ug/l
 RT: 8.149 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY017713.D
 Acq: 19 Mar 2024 17:43

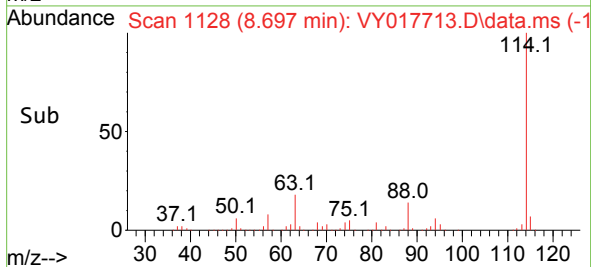
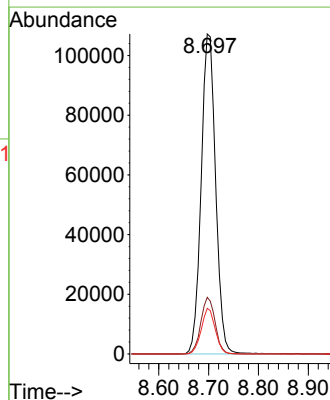
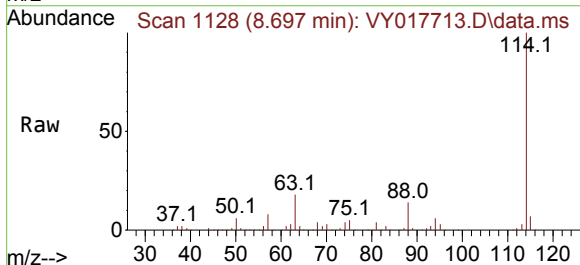
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-03192024-A

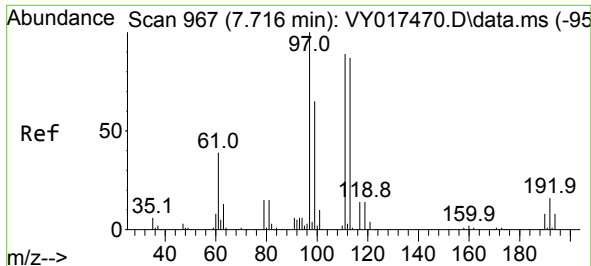
Tgt Ion: 65 Resp: 59793
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY017713.D
 Acq: 19 Mar 2024 17:43

Tgt Ion: 114 Resp: 215657
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.0
 88 14.2 0.0 27.2

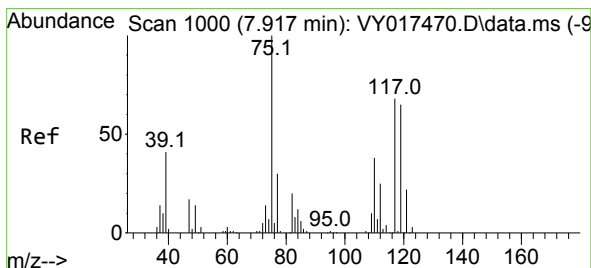
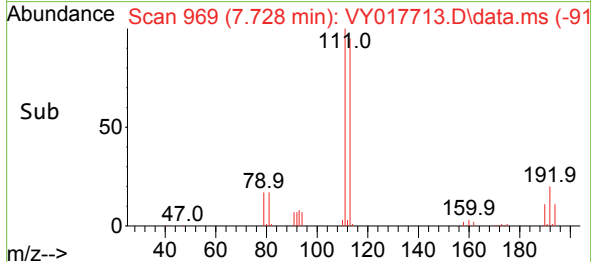
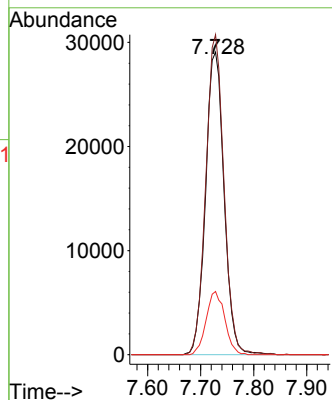
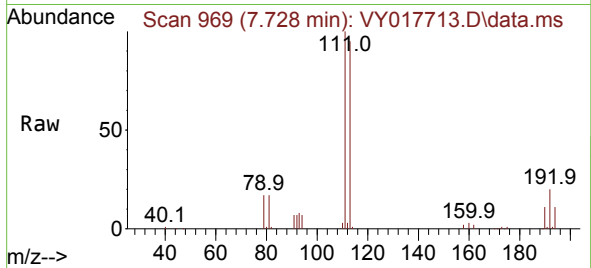




#35
Dibromofluoromethane
Concen: 46.830 ug/l
RT: 7.728 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

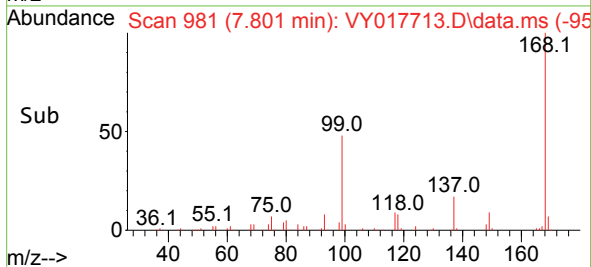
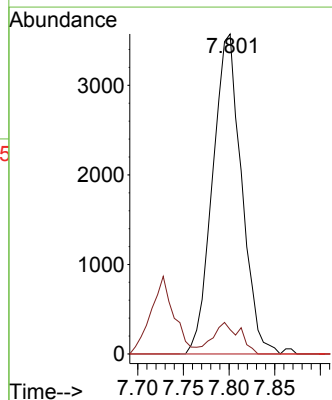
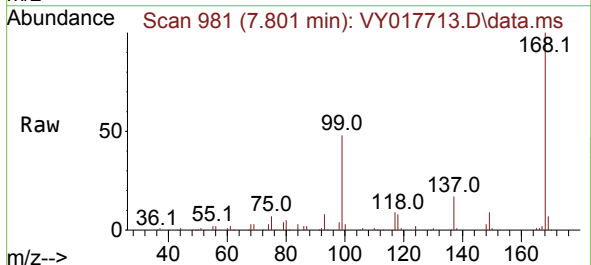
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03192024-A

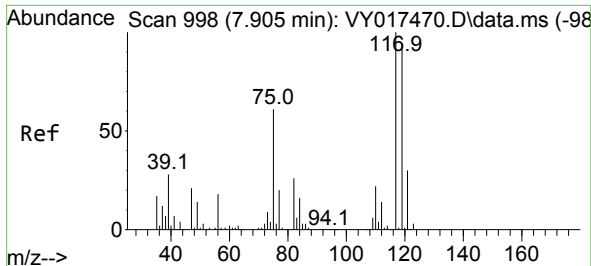
Tgt Ion:113 Resp: 70374
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 3.879 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

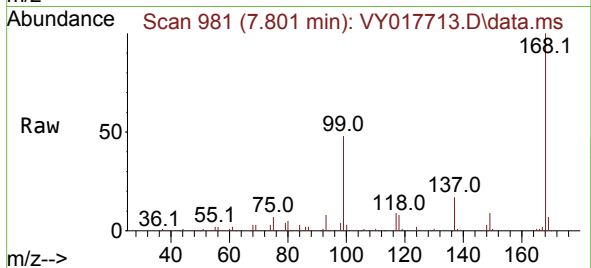
Tgt Ion: 75 Resp: 7865
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#



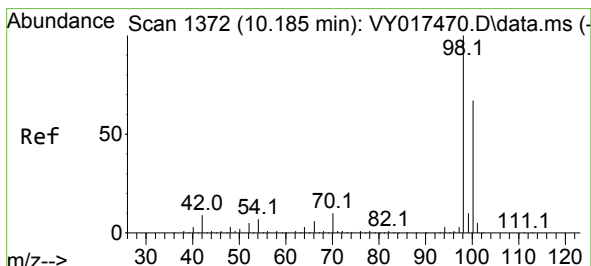
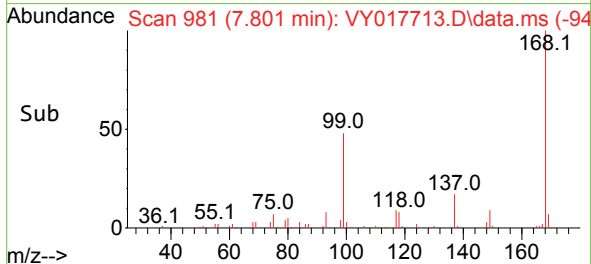
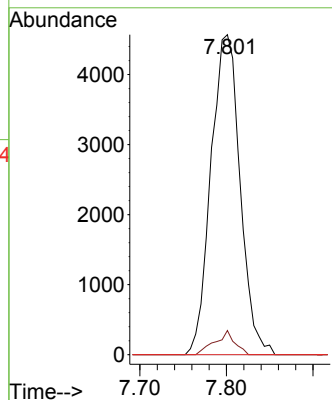


#38
Carbon Tetrachloride
Concen: 5.264 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03192024-A

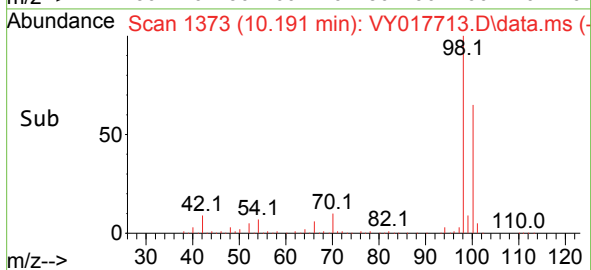
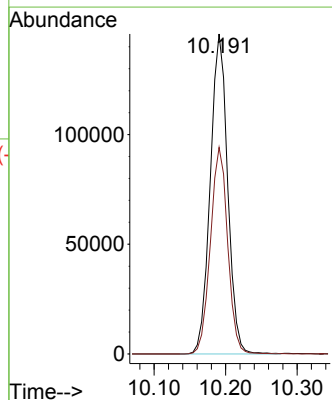
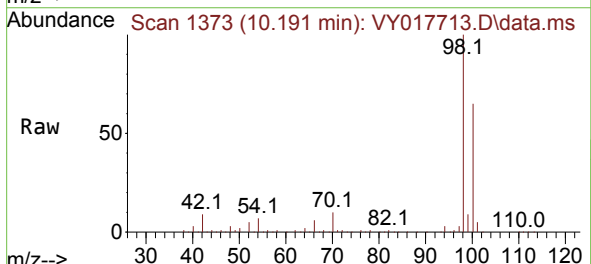


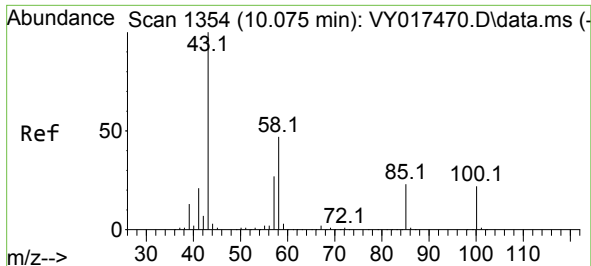
Tgt Ion:117 Resp: 10697
Ion Ratio Lower Upper
117 100
119 7.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.817 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

Tgt Ion: 98 Resp: 245987
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

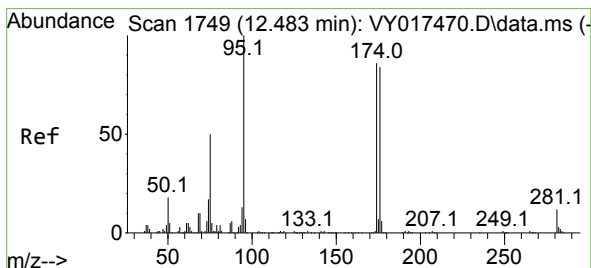
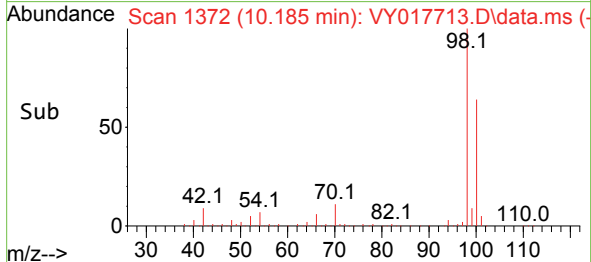
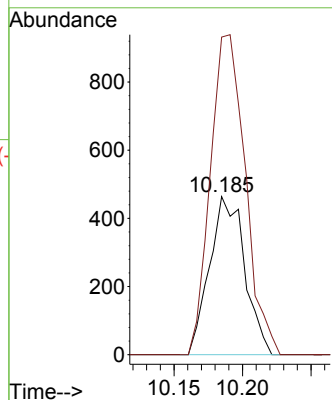
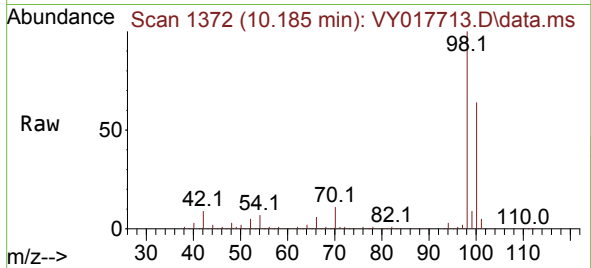




#51
4-Methyl-2-Pentanone
Concen: 1.054 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

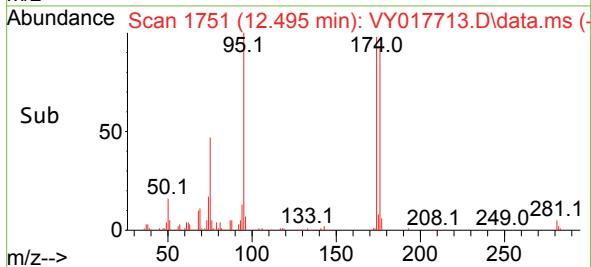
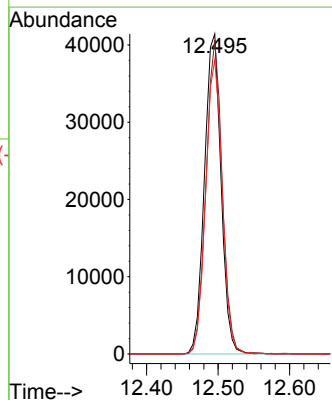
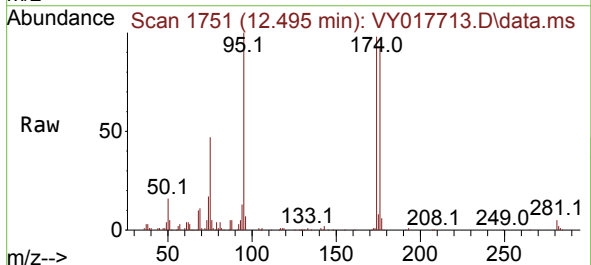
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ClientSampleId :
JC-03-03192024-A

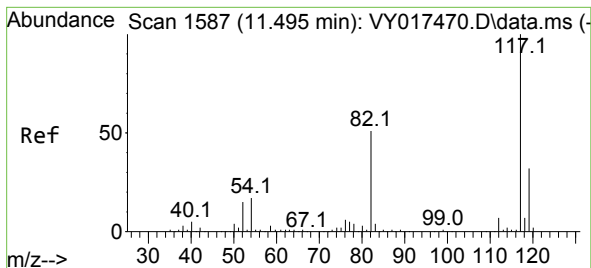
Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 201.3 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 40.356 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

Tgt Ion: 95 Resp: 66639
Ion Ratio Lower Upper
95 100
174 96.6 0.0 175.6
176 91.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017713.D

Acq: 19 Mar 2024 17:43

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-03192024-A

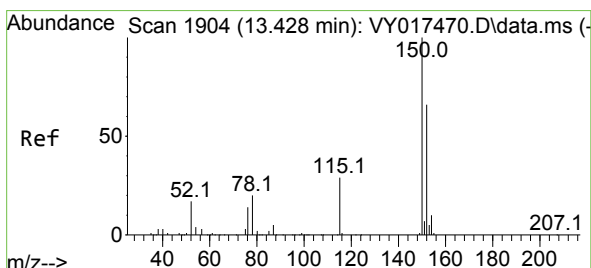
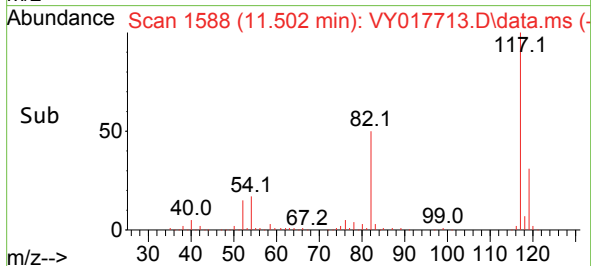
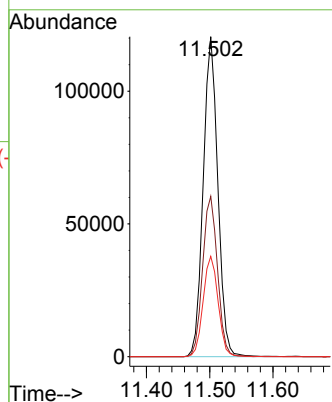
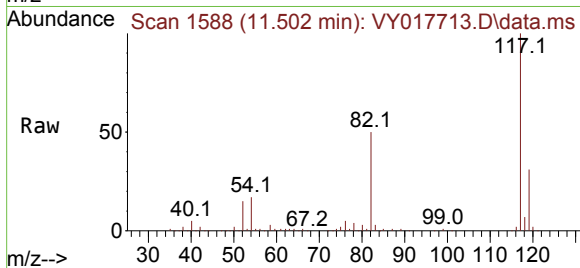
Tgt Ion:117 Resp: 193917

Ion Ratio Lower Upper

117 100

82 50.1 42.4 63.6

119 31.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017713.D

Acq: 19 Mar 2024 17:43

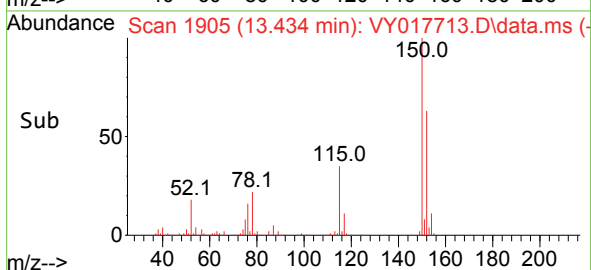
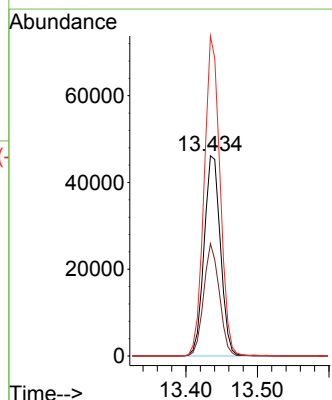
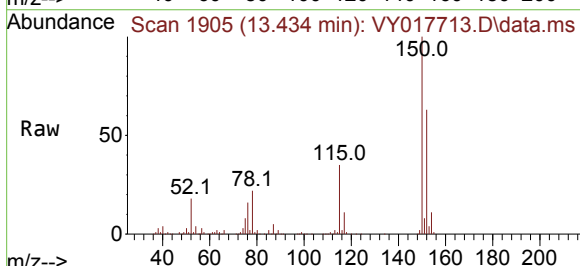
Tgt Ion:152 Resp: 73397

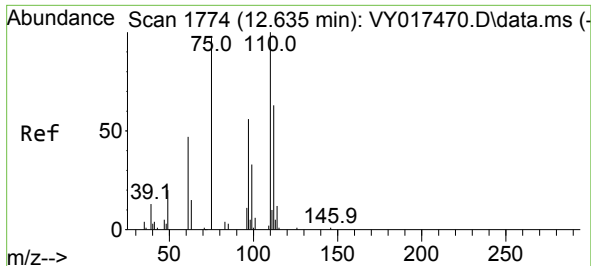
Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 154.8 0.0 345.6

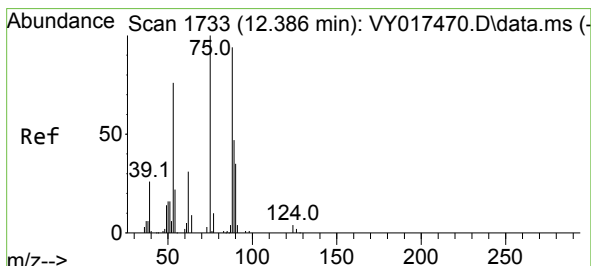
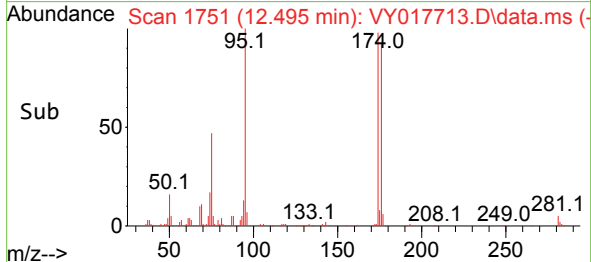
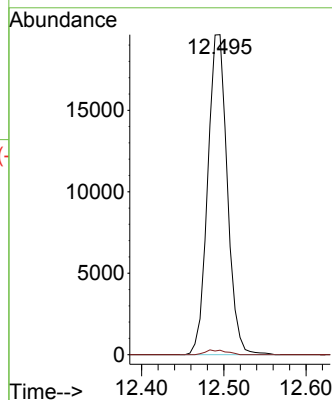
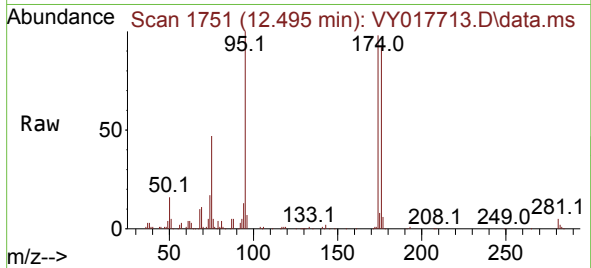




#76
1,2,3-Trichloropropane
Concen: 46.514 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.140 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

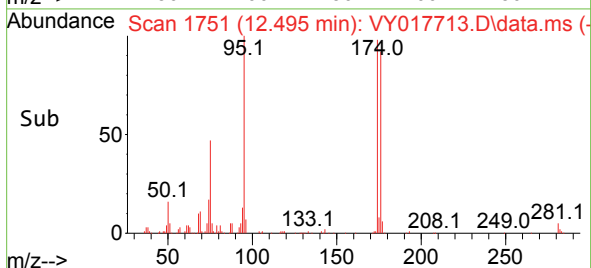
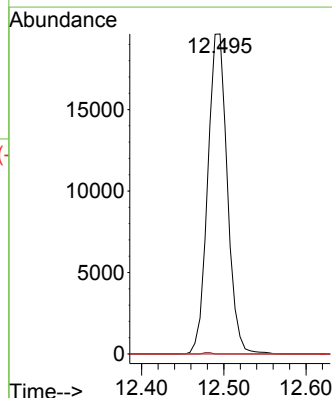
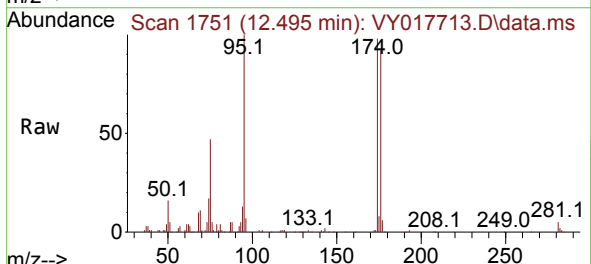
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03192024-A

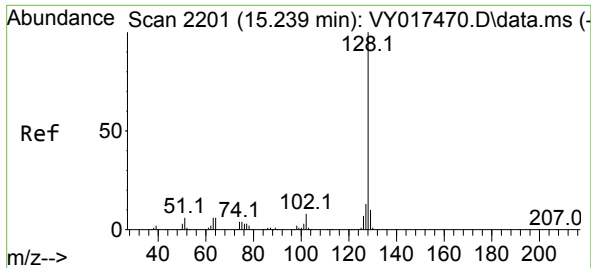
Tgt Ion: 75 Resp: 32438
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.878 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

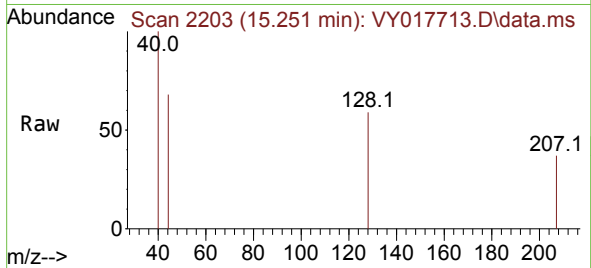
Tgt Ion: 75 Resp: 32438
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.009 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03192024-A



Tgt Ion:128 Resp: 237
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

