

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016857.D
 Acq On : 26 Dec 2023 16:52
 Operator : SY/MD
 Sample : 06015-01
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:36:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

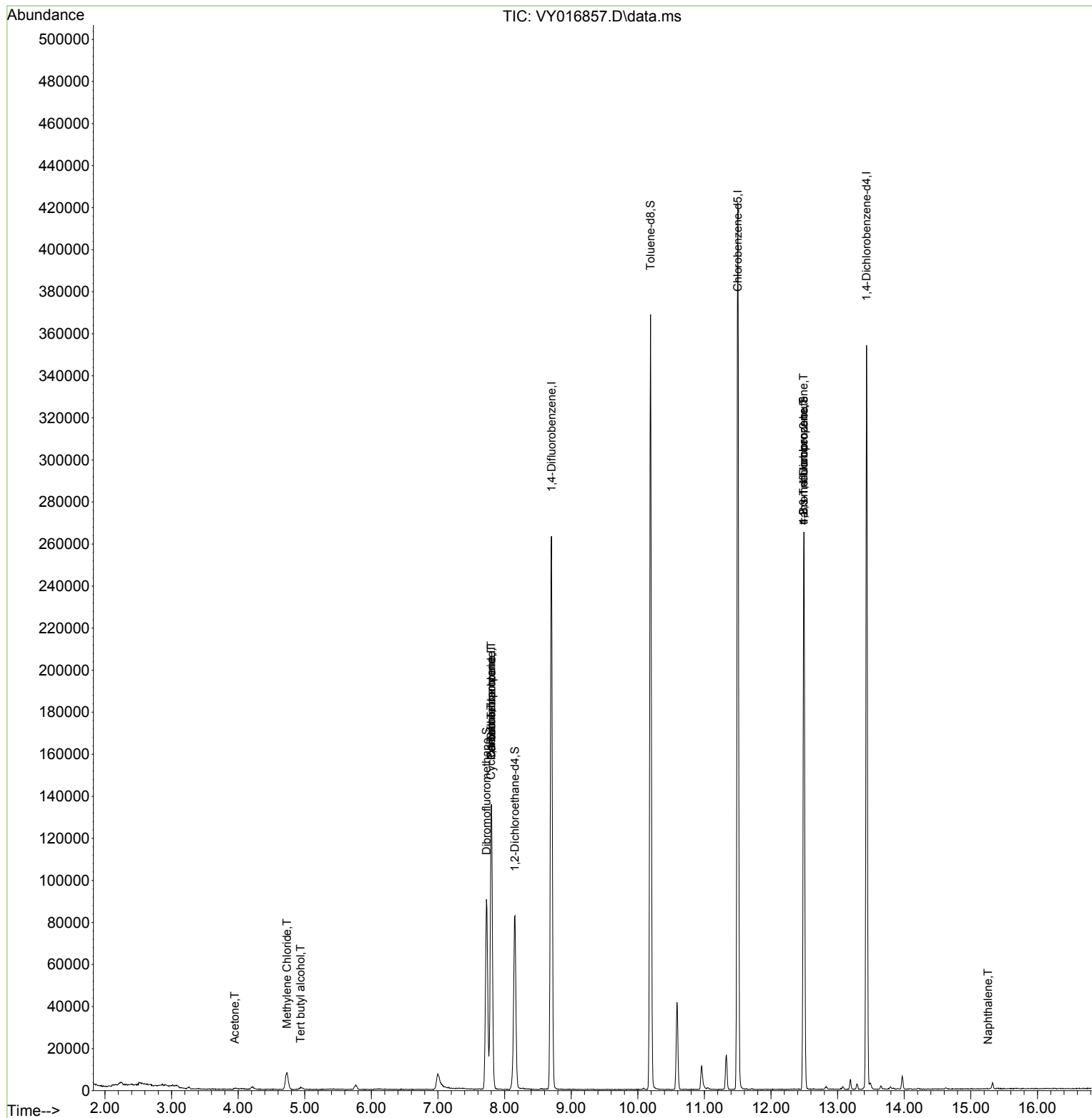
Internal Standards						
1) Pentafluorobenzene	7.801	168	102530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	222859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	226781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62120	66.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.740%	
35) Dibromofluoromethane	7.728	113	64413	50.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.191	98	231352	50.272	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.489	95	75760	50.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.480%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	696	9.069	ug/l #	75
16) Acetone	3.948	43	503	1.987	ug/l #	41
20) Methylene Chloride	4.735	84	6058	1.866	ug/l	96
31) Cyclohexane	7.795	56	2390	1.333	ug/l #	20
36) 1,1-Dichloropropene	7.801	75	9726	4.752	ug/l #	49
38) Carbon Tetrachloride	7.801	117	10619	5.243	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	40405	42.841	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	40405	100.610	ug/l #	13
95) Naphthalene	15.257	128	45	3.609	ug/l #	69

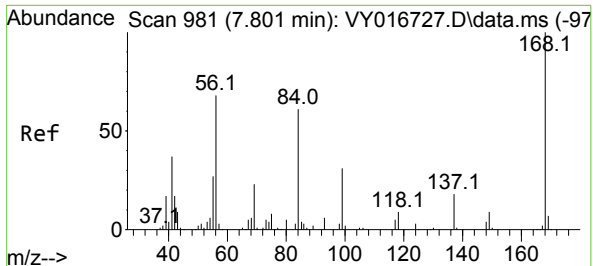
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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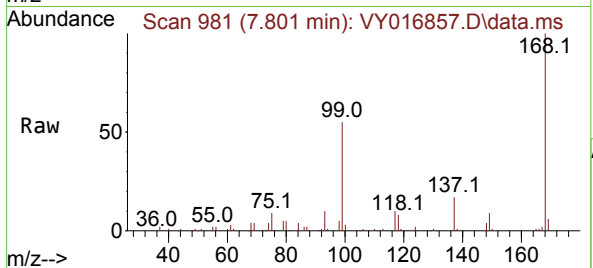
Quant Time: Dec 27 01:36:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
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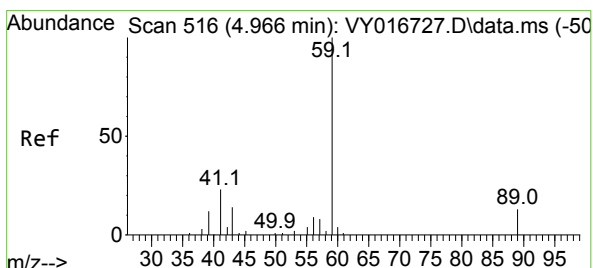
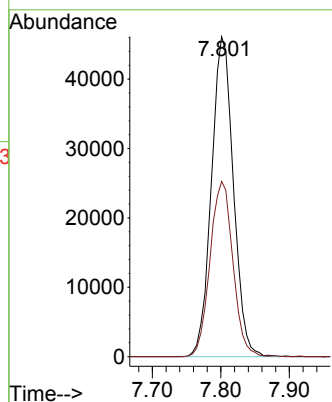
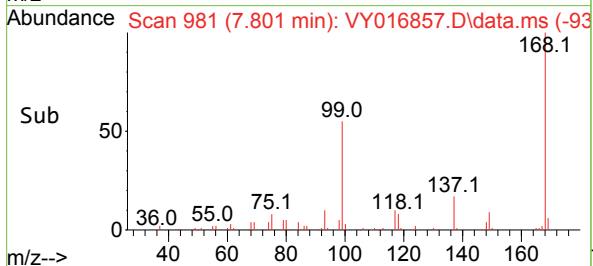


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016857.D
Acq: 26 Dec 2023 16:52

Instrument :
MSVOA_Y
ClientSampleId :

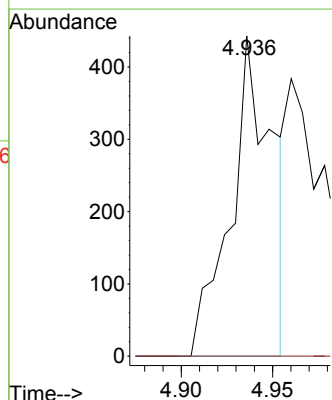
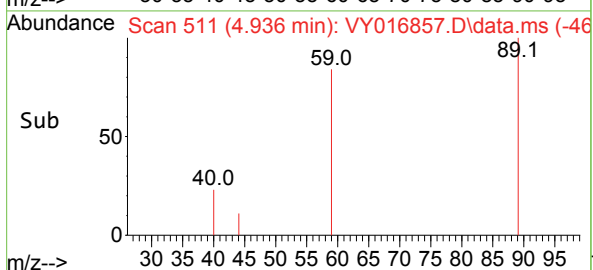
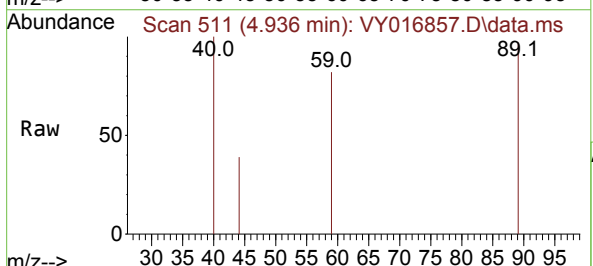


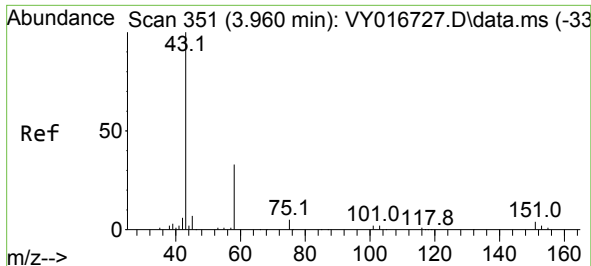
Tgt Ion:168 Resp: 102530
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 9.069 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.030 min
Lab File: VY016857.D
Acq: 26 Dec 2023 16:52

Tgt Ion: 59 Resp: 696
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

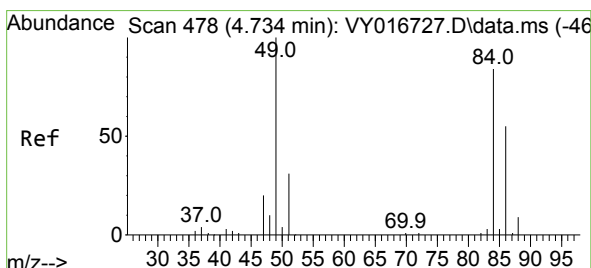
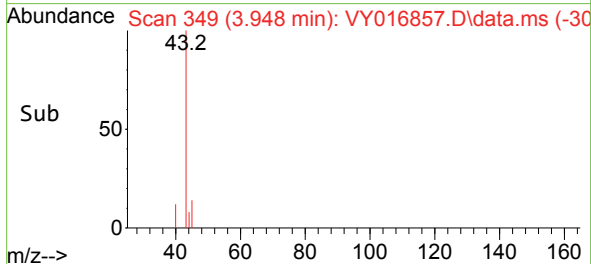
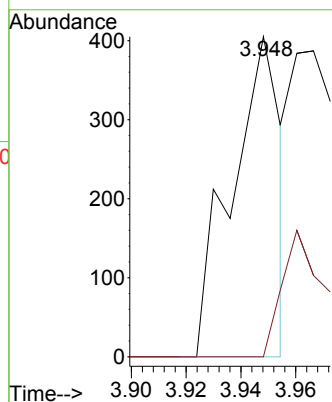
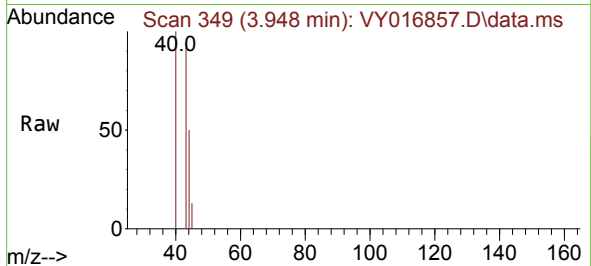




#16
Acetone
Concen: 1.987 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016857.D
Acq: 26 Dec 2023 16:52

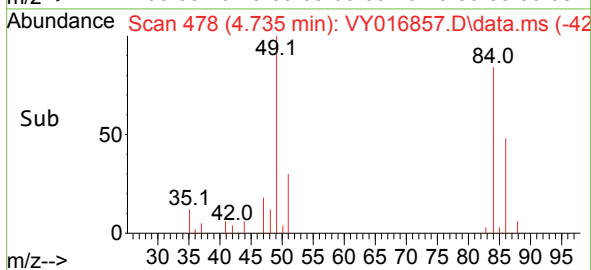
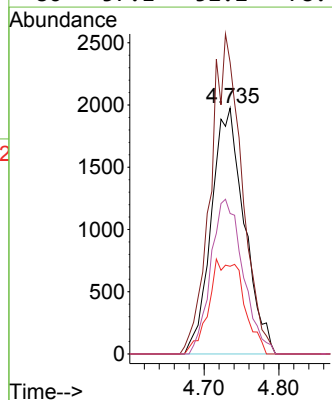
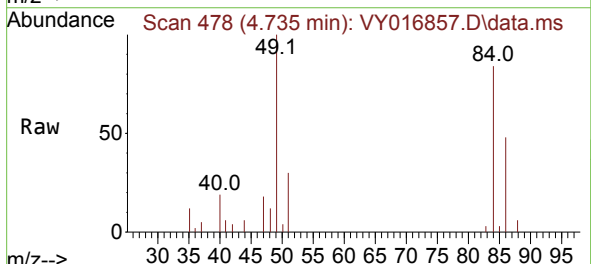
Instrument :
MSVOA_Y
ClientSampleId :

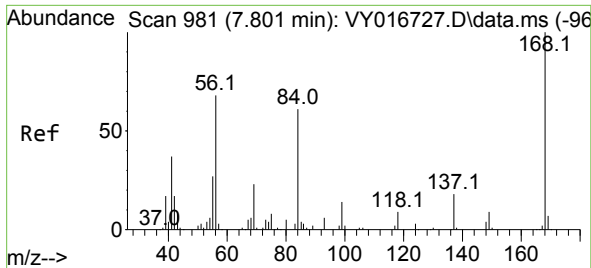
Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#20
Methylene Chloride
Concen: 1.866 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016857.D
Acq: 26 Dec 2023 16:52

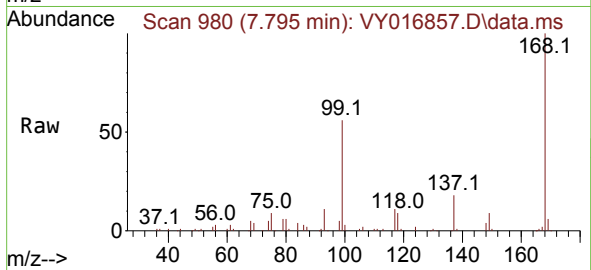
Tgt Ion: 84 Resp: 6058
Ion Ratio Lower Upper
84 100
49 118.5 95.2 142.8
51 35.6 29.9 44.9
86 57.1 52.2 78.4



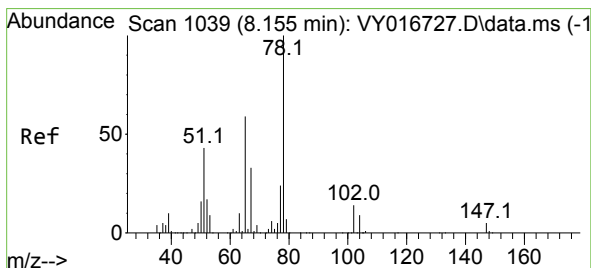
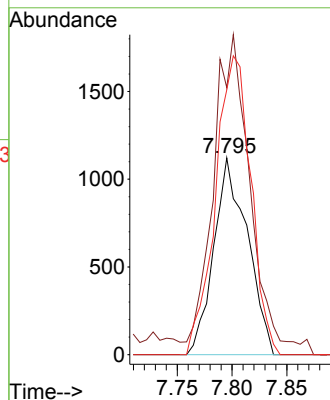
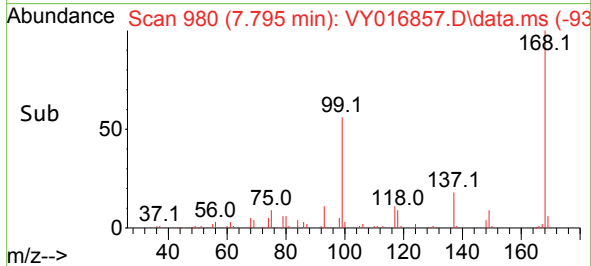


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016857.D
Acq: 26 Dec 2023 16:52

Instrument :
MSVOA_Y
ClientSampleId :

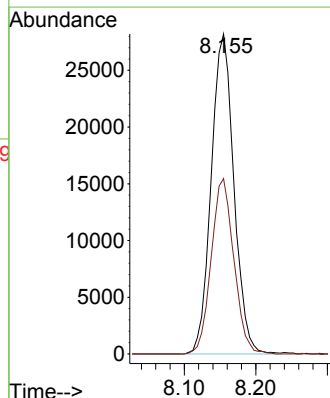
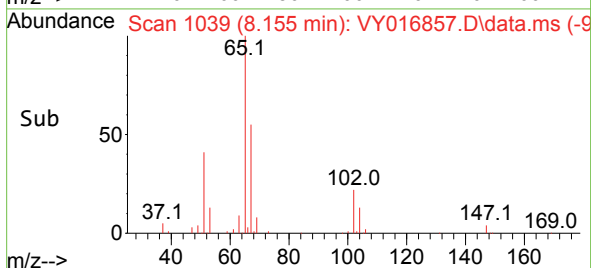
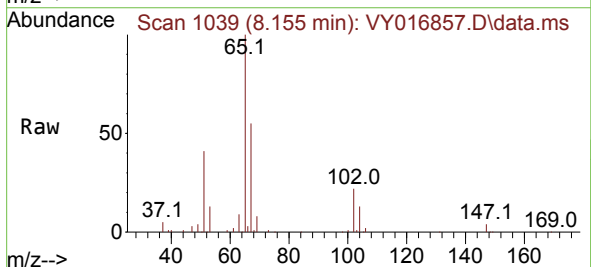


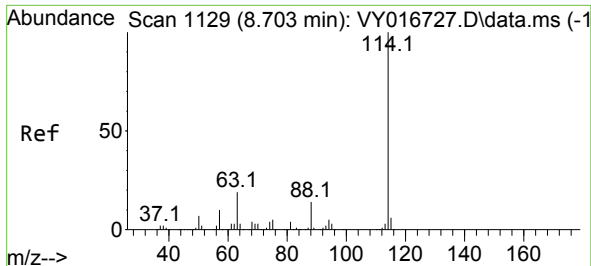
Tgt Ion: 56 Resp: 2390
Ion Ratio Lower Upper
56 100
69 129.3 27.0 40.6#
84 134.5 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 66.368 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016857.D
Acq: 26 Dec 2023 16:52

Tgt Ion: 65 Resp: 62120
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016857.D

Acq: 26 Dec 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

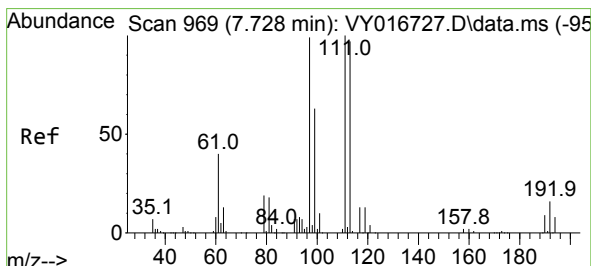
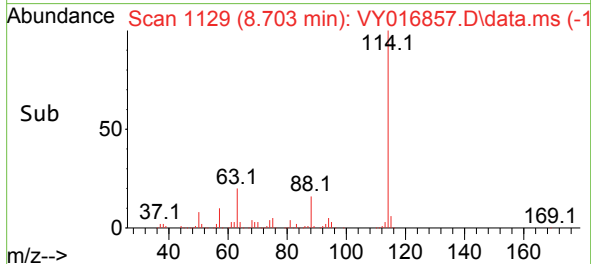
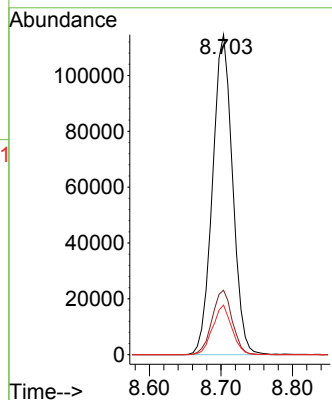
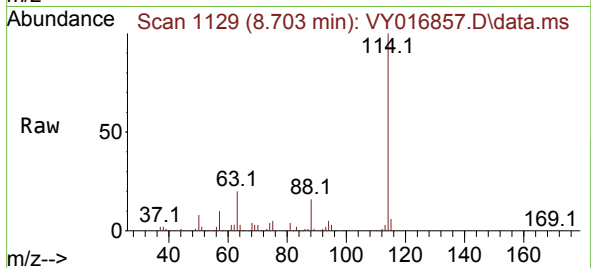
Tgt Ion:114 Resp: 222859

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.457 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016857.D

Acq: 26 Dec 2023 16:52

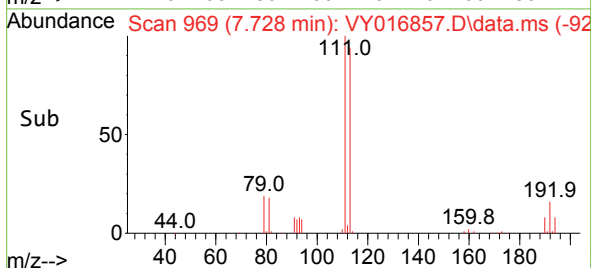
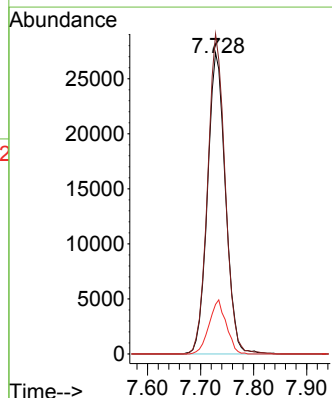
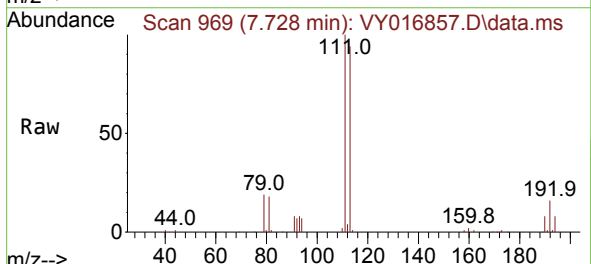
Tgt Ion:113 Resp: 64413

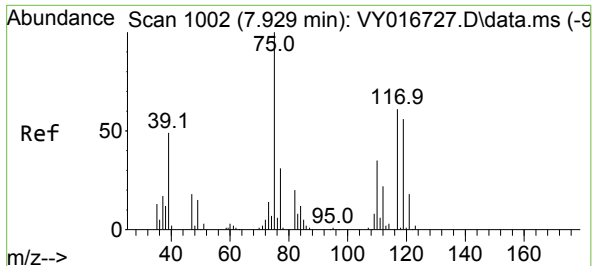
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

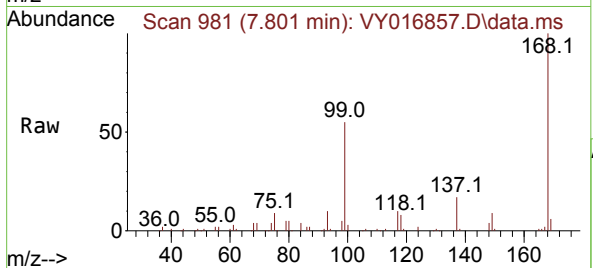
192 17.2 14.5 21.7



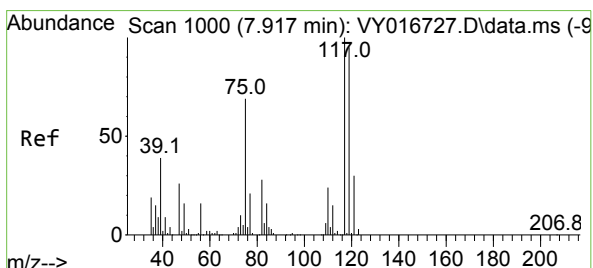
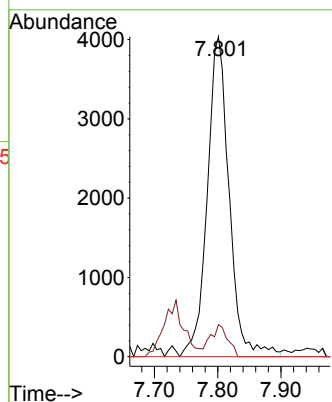
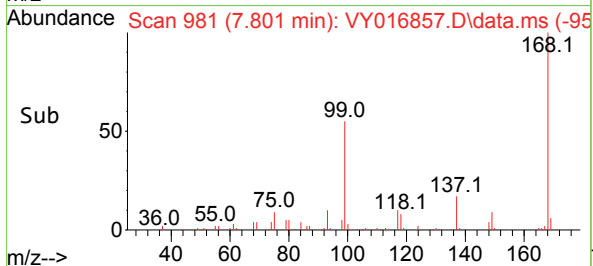


#36
1,1-Dichloropropene
Concen: 4.752 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016857.D
Acq: 26 Dec 2023 16:52

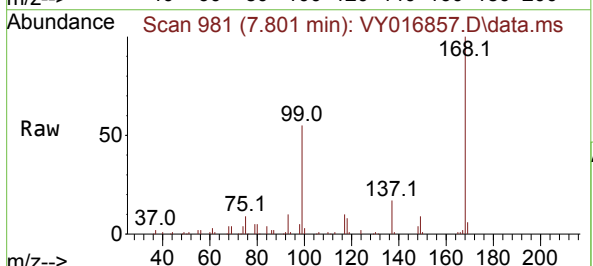
Instrument :
MSVOA_Y
ClientSampleId :



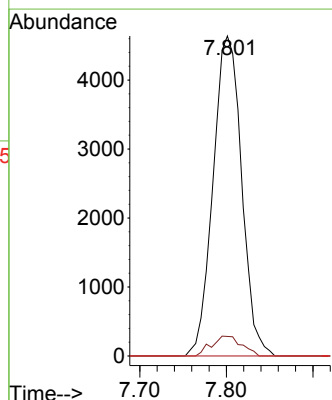
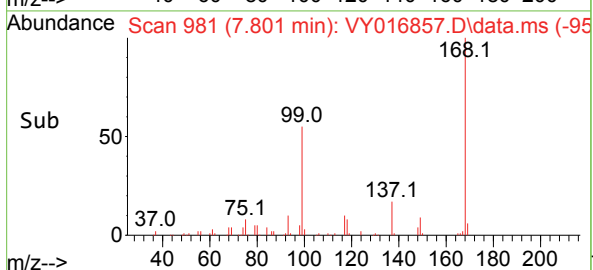
Tgt Ion: 75 Resp: 9726
Ion Ratio Lower Upper
75 100
110 7.7 17.4 52.3#
77 0.0 24.7 37.1#

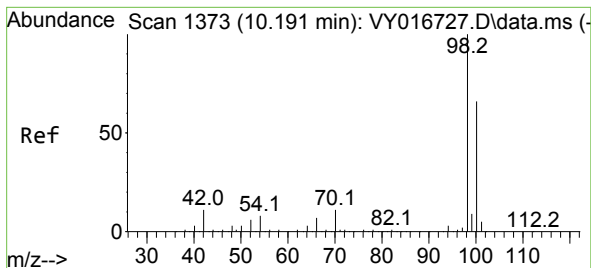


#38
Carbon Tetrachloride
Concen: 5.243 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016857.D
Acq: 26 Dec 2023 16:52



Tgt Ion: 117 Resp: 10619
Ion Ratio Lower Upper
117 100
119 6.1 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 50.272 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016857.D

Acq: 26 Dec 2023 16:52

Instrument :

MSVOA_Y

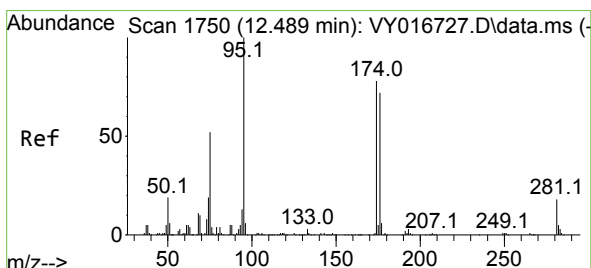
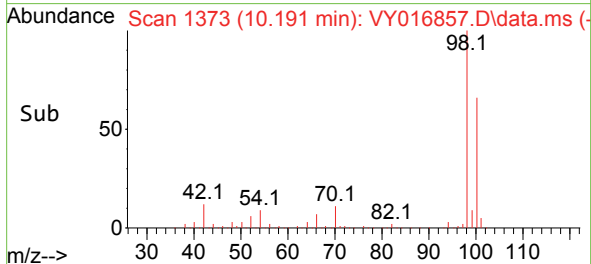
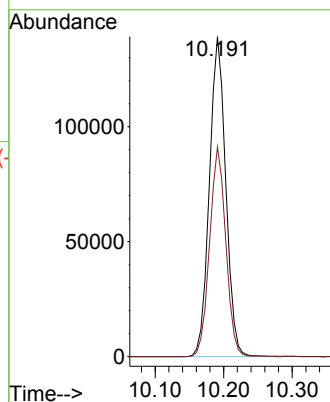
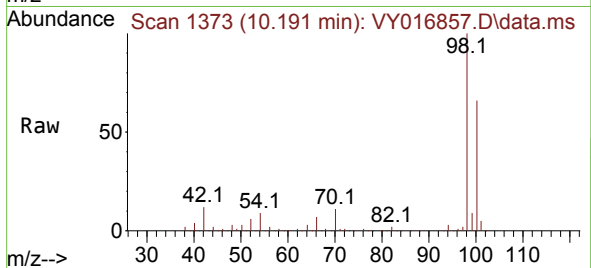
ClientSampleId :

Tgt Ion: 98 Resp: 231352

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 50.743 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016857.D

Acq: 26 Dec 2023 16:52

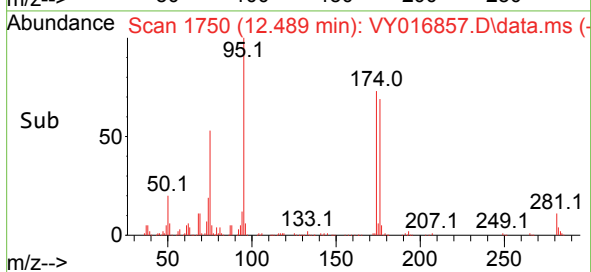
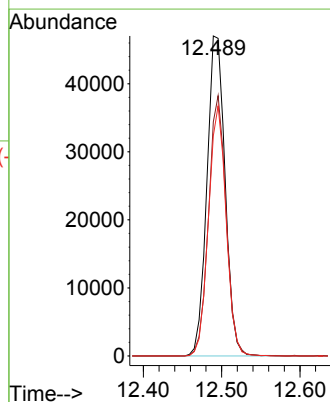
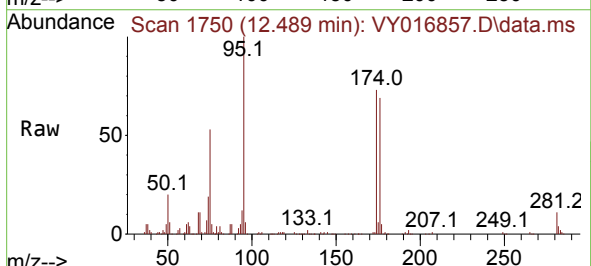
Tgt Ion: 95 Resp: 75760

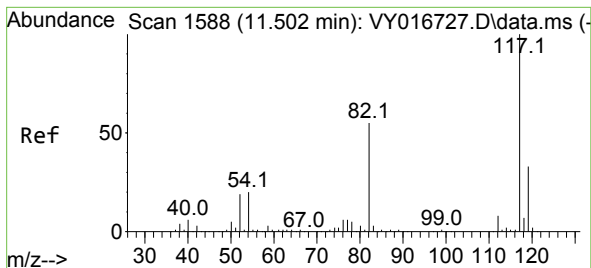
Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.0

176 75.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016857.D

Acq: 26 Dec 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

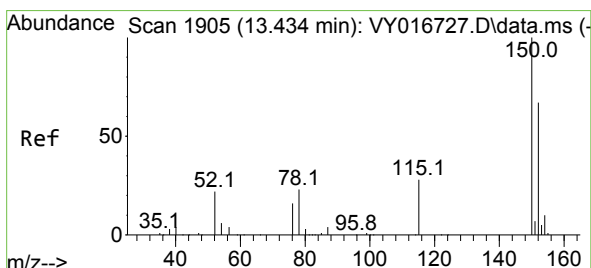
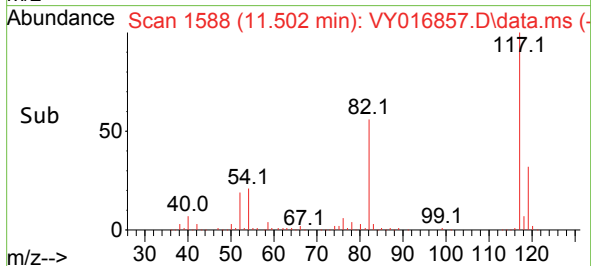
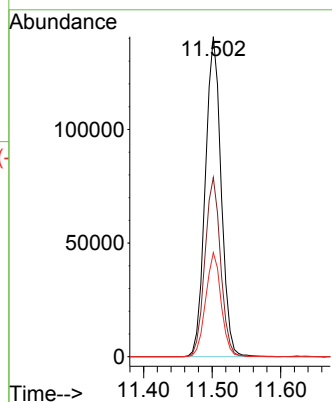
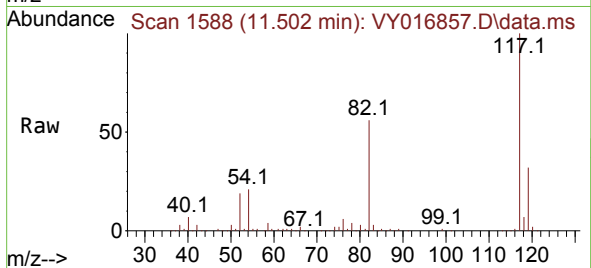
Tgt Ion:117 Resp: 226781

Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

119 32.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016857.D

Acq: 26 Dec 2023 16:52

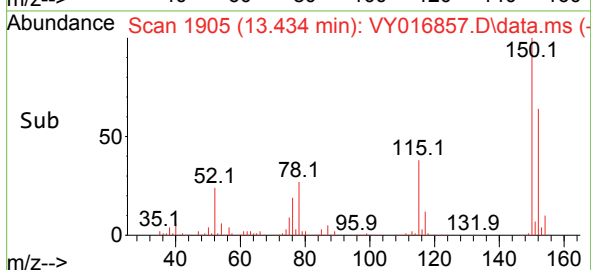
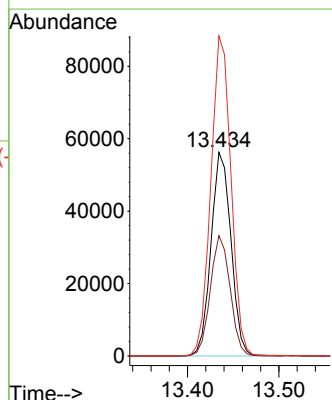
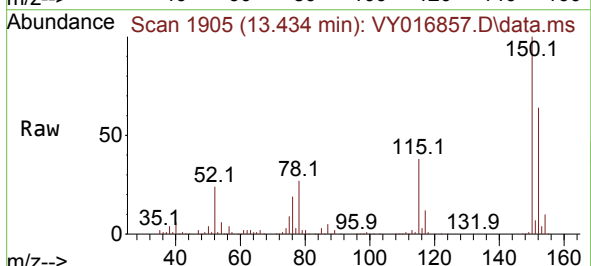
Tgt Ion:152 Resp: 85317

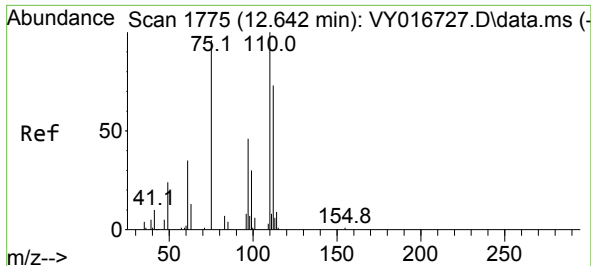
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 158.3 0.0 344.6

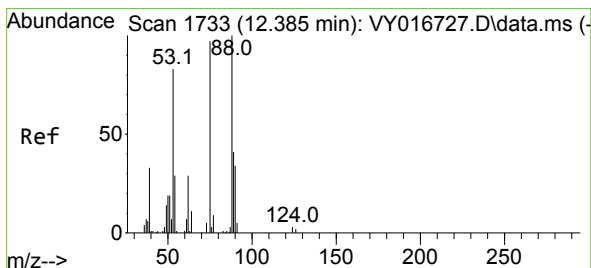
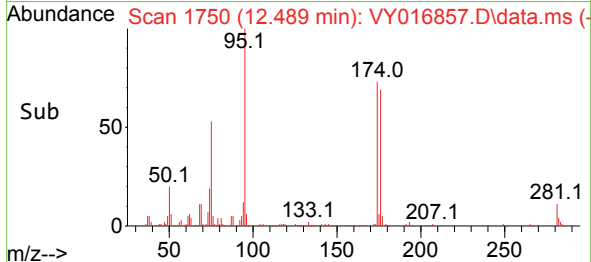
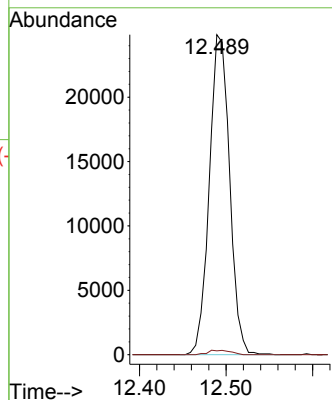
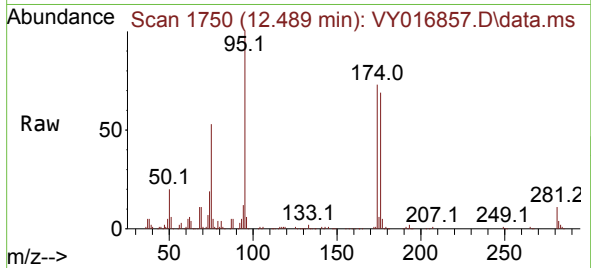




#76
 1,2,3-Trichloropropane
 Concen: 42.841 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY016857.D
 Acq: 26 Dec 2023 16:52

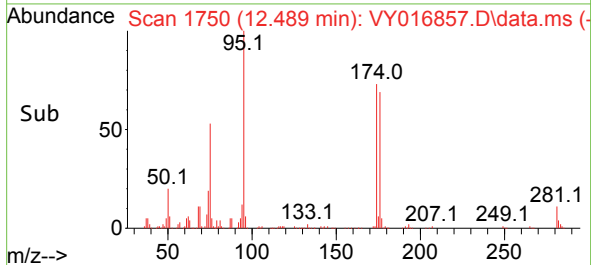
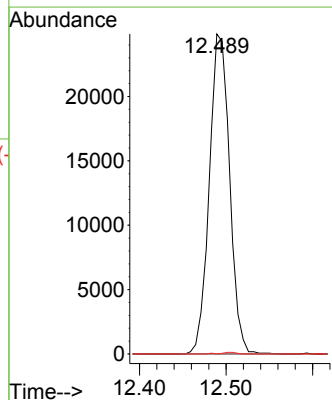
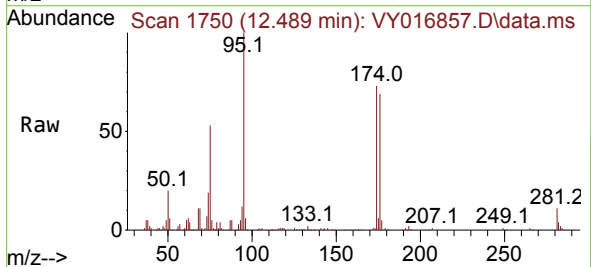
Instrument :
 MSVOA_Y
 ClientSampleId :

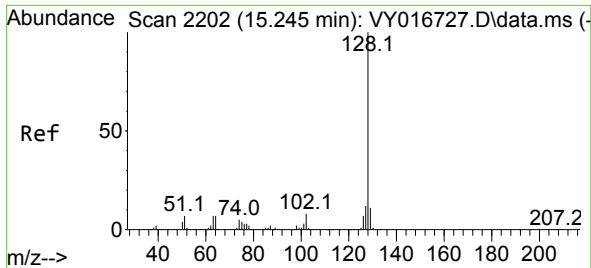
Tgt Ion: 75 Resp: 40405
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.610 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.104 min
 Lab File: VY016857.D
 Acq: 26 Dec 2023 16:52

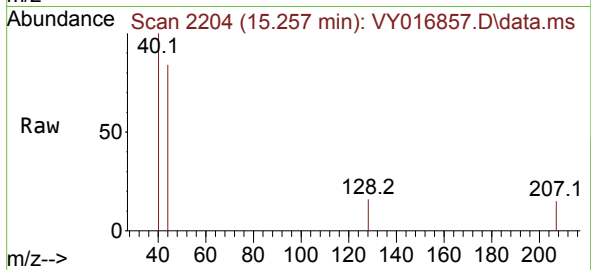
Tgt Ion: 75 Resp: 40405
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.4 36.5 54.7#





#95
Naphthalene
Concen: 3.609 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY016857.D
Acq: 26 Dec 2023 16:52

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 45
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

