

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016273.D
 Acq On : 09 Nov 2023 11:53
 Operator : SY/MD
 Sample : 05317-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 22:56:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

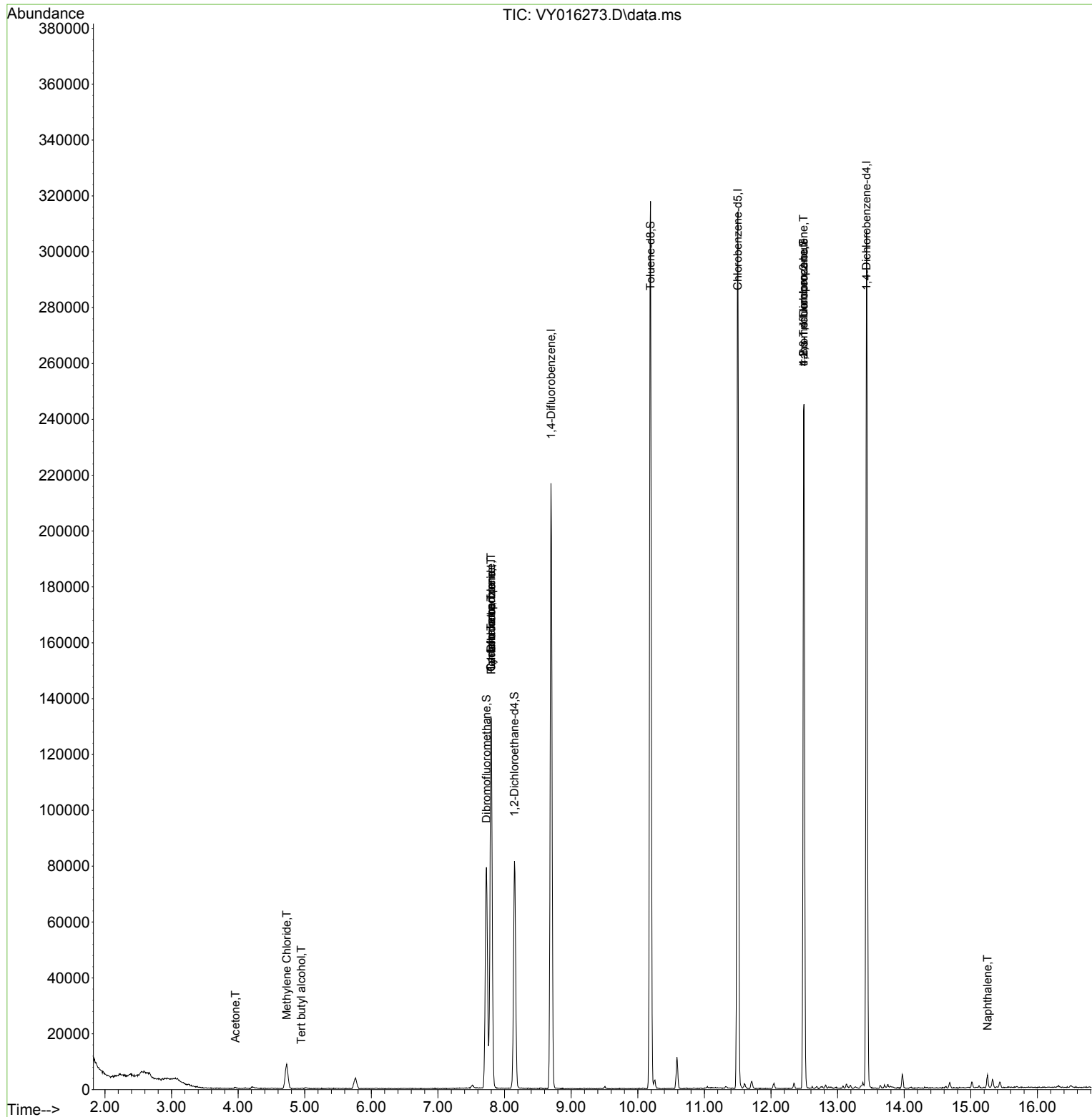
Internal Standards						
1) Pentafluorobenzene	7.801	168	106421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	185273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	174641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62693	64.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.920%	
35) Dibromofluoromethane	7.728	113	56987	54.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.300%	
50) Toluene-d8	10.191	98	215885	50.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	12.489	95	74862	54.006	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	160	2.101	ug/l #	89
16) Acetone	3.960	43	806	5.010	ug/l #	75
20) Methylene Chloride	4.729	84	6742	2.635	ug/l #	86
31) Cyclohexane	7.795	56	2017	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7896	4.321	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10523	5.548	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	38928	50.257	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	38928	109.087	ug/l #	11
95) Naphthalene	15.251	128	3736	1.469	ug/l	98

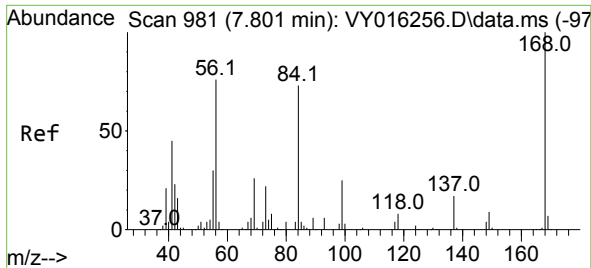
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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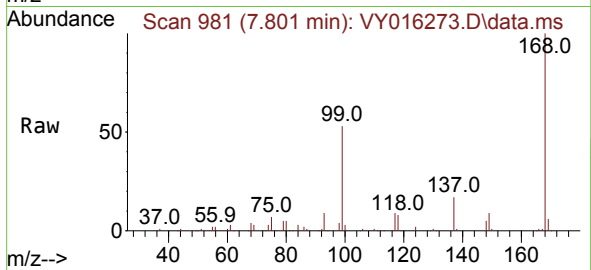
Quant Time: Nov 09 22:56:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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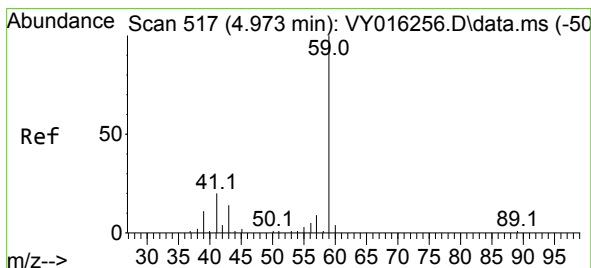
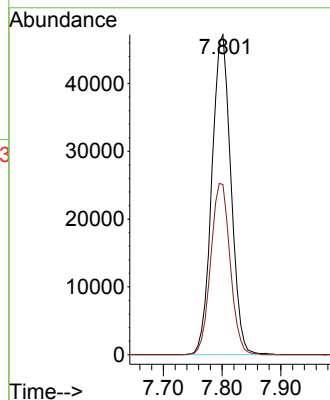
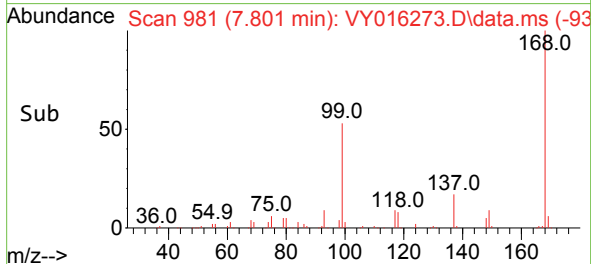


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :

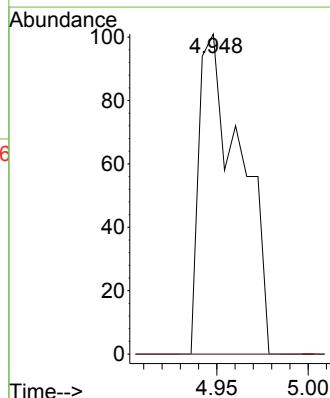
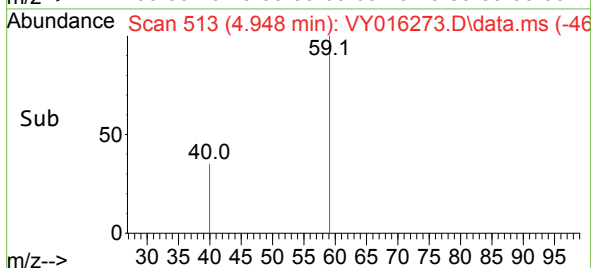
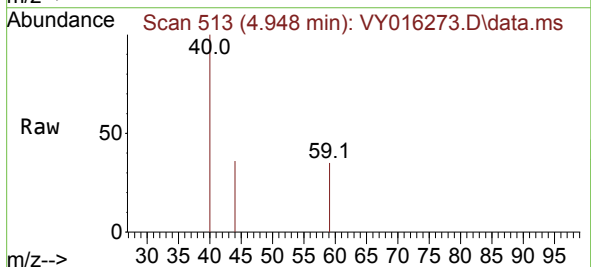


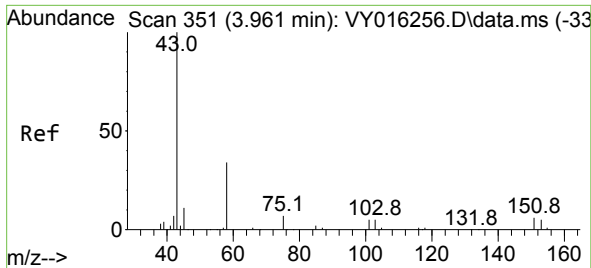
Tgt Ion:168 Resp: 106421
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.101 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

Tgt Ion: 59 Resp: 160
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

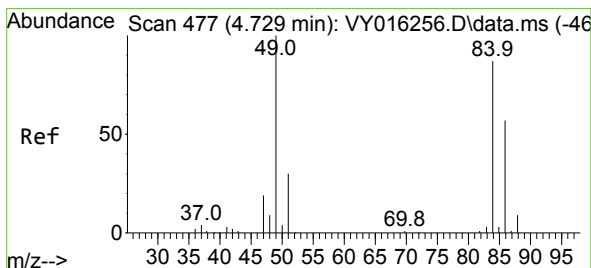
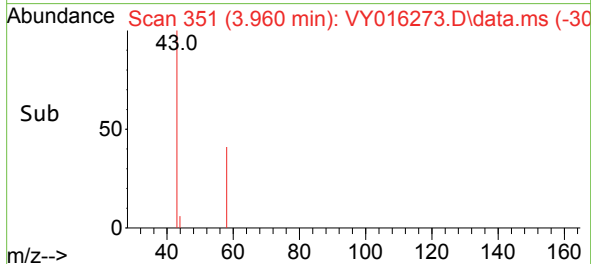
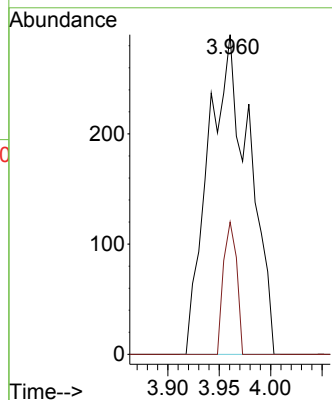
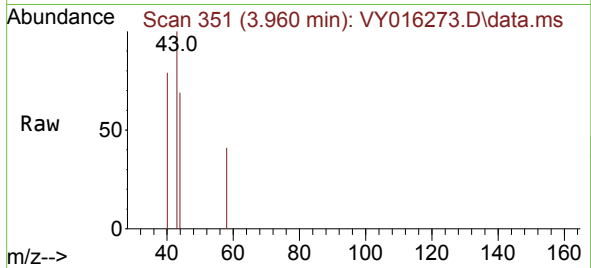




#16
Acetone
Concen: 5.010 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

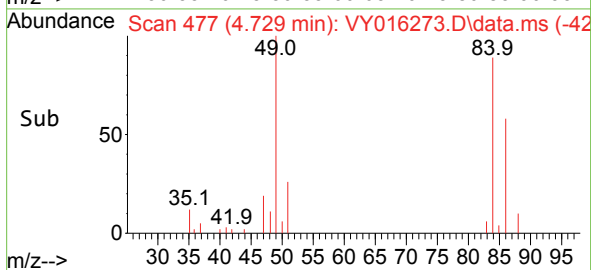
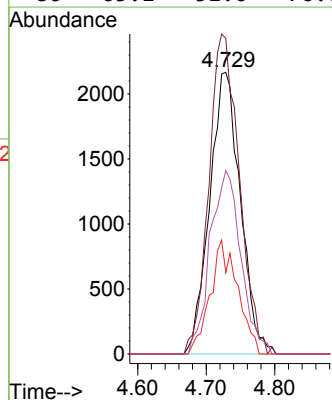
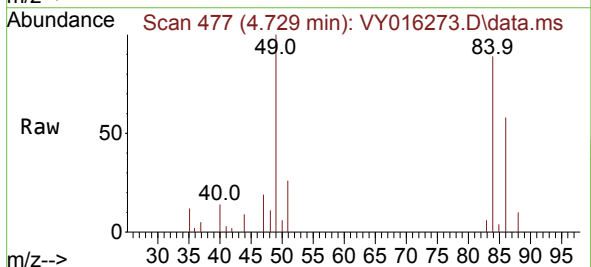
Instrument :
MSVOA_Y
ClientSampleId :

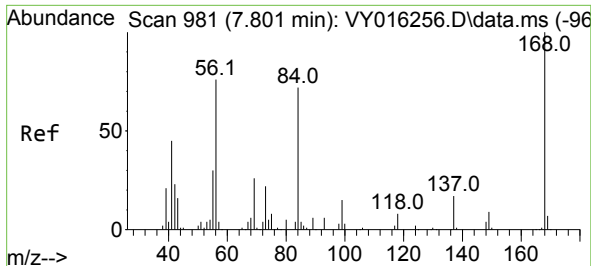
Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
58 41.4 22.7 34.1#



#20
Methylene Chloride
Concen: 2.635 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

Tgt Ion: 84 Resp: 6742
Ion Ratio Lower Upper
84 100
49 112.0 106.9 160.3
51 28.9 33.2 49.8#
86 65.1 51.0 76.6

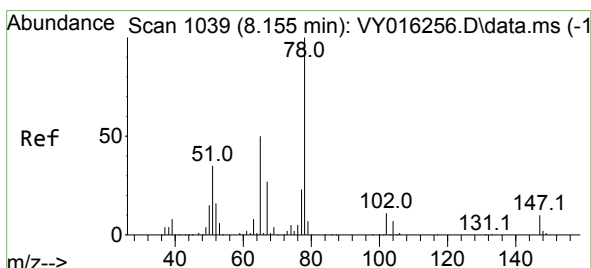
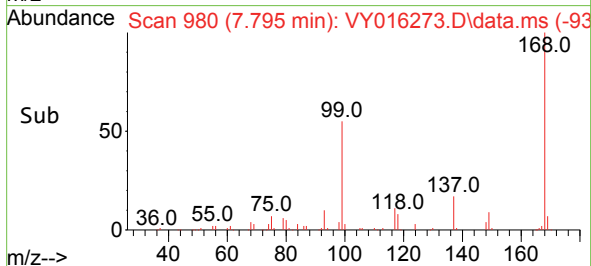
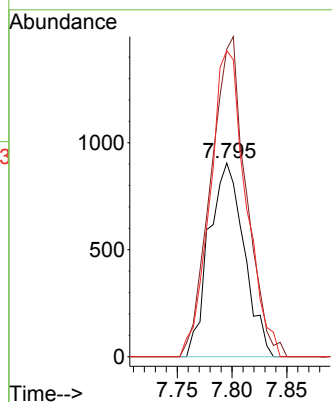
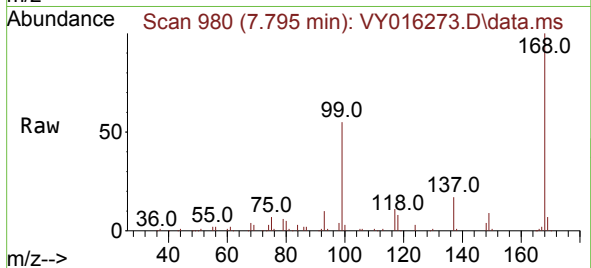




#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

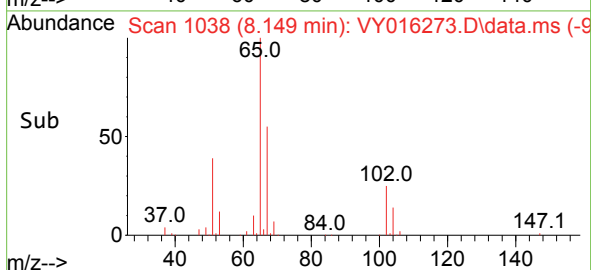
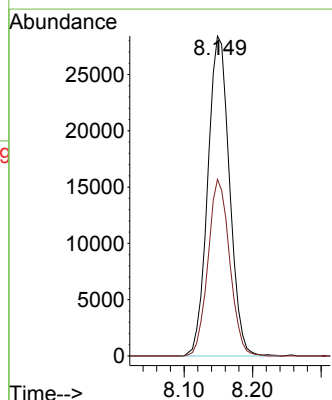
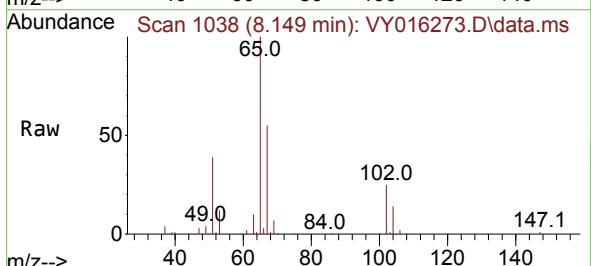
Instrument :
MSVOA_Y
ClientSampleId :

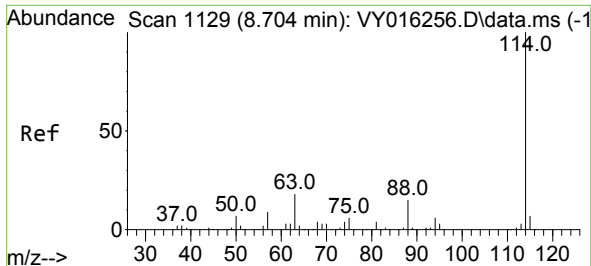
Tgt Ion: 56 Resp: 2017
Ion Ratio Lower Upper
56 100
69 158.9 27.8 41.6#
84 158.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 64.456 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

Tgt Ion: 65 Resp: 62693
Ion Ratio Lower Upper
65 100
67 54.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016273.D

Acq: 09 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

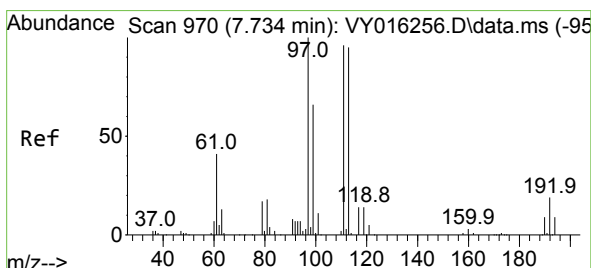
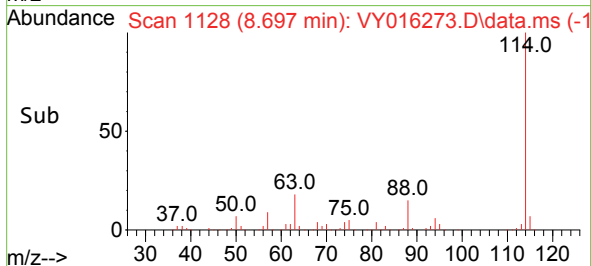
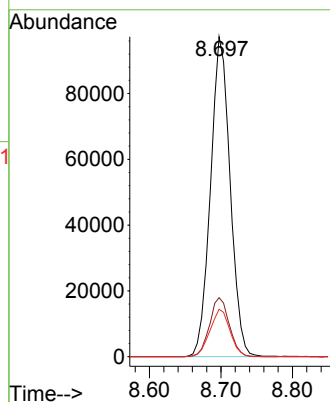
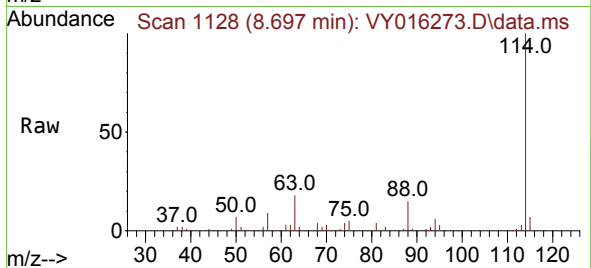
Tgt Ion:114 Resp: 185273

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.146 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016273.D

Acq: 09 Nov 2023 11:53

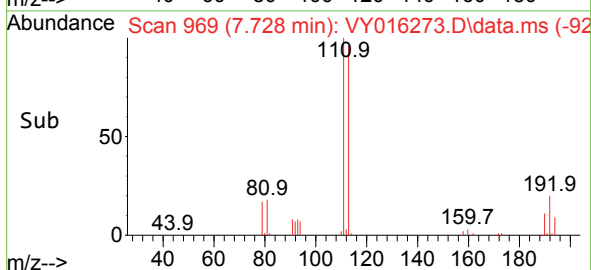
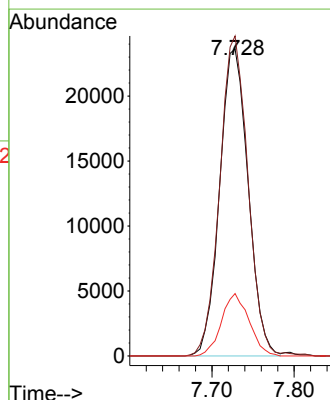
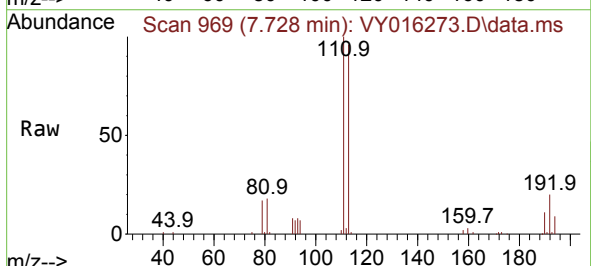
Tgt Ion:113 Resp: 56987

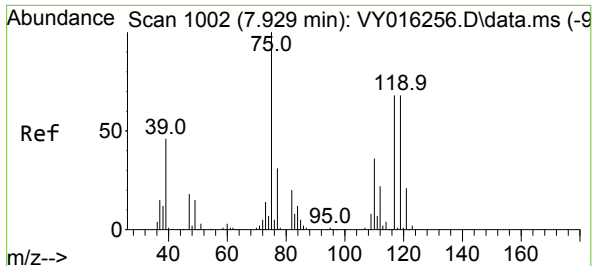
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 19.7 16.9 25.3

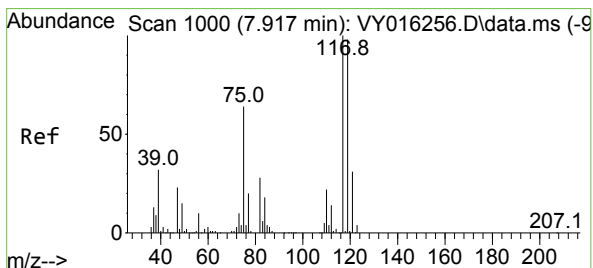
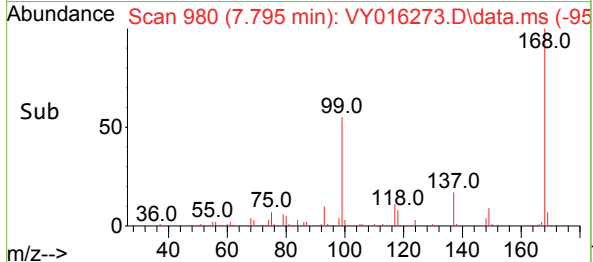
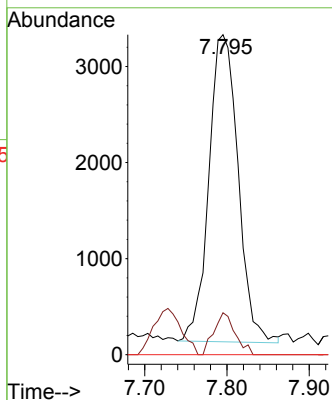
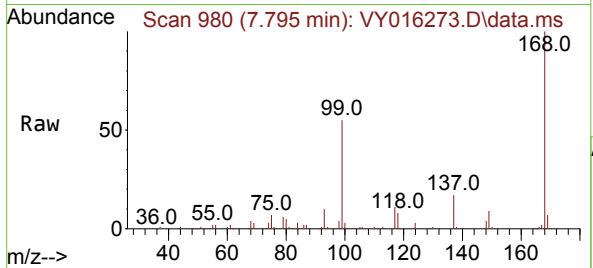




#36
1,1-Dichloropropene
Concen: 4.321 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

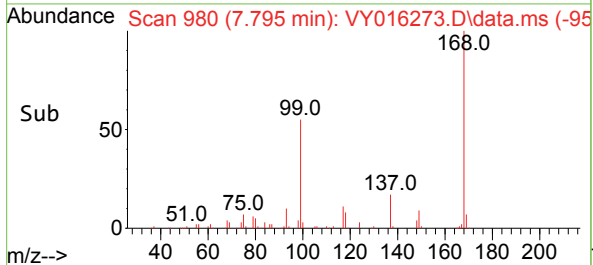
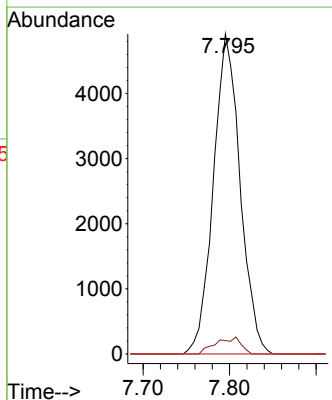
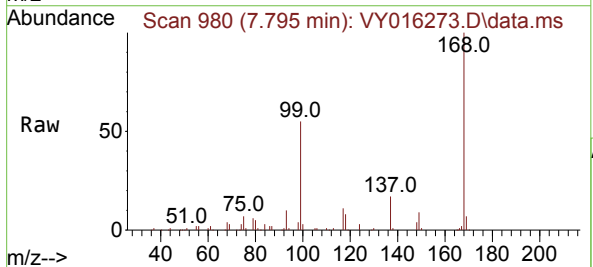
Instrument :
MSVOA_Y
ClientSampleId :

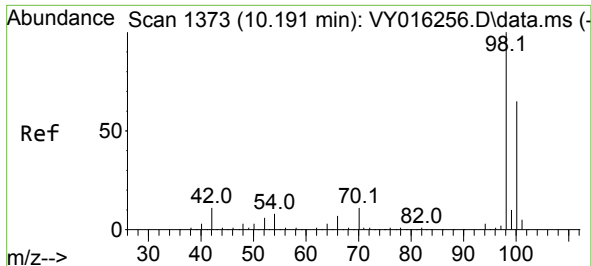
Tgt Ion: 75 Resp: 7896
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.548 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

Tgt Ion: 117 Resp: 10523
Ion Ratio Lower Upper
117 100
119 4.2 76.4 114.6#
121 0.0 25.8 38.6#

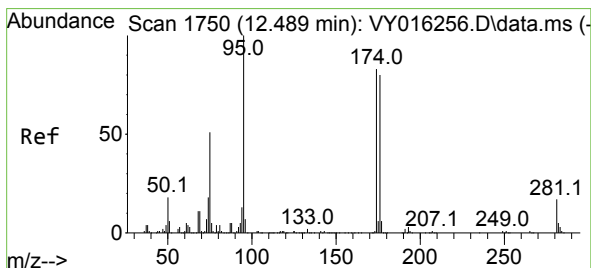
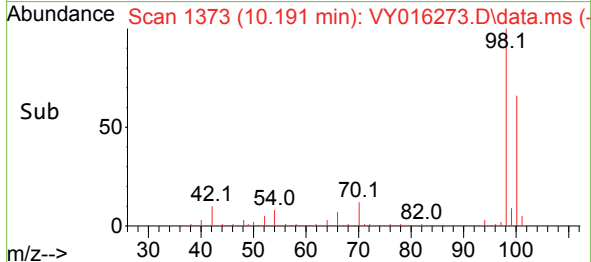
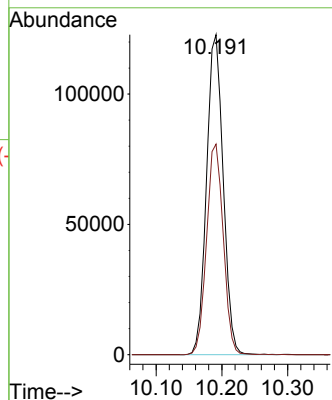
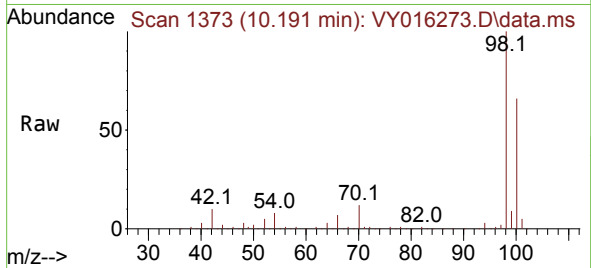




#50
Toluene-d8
Concen: 50.583 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

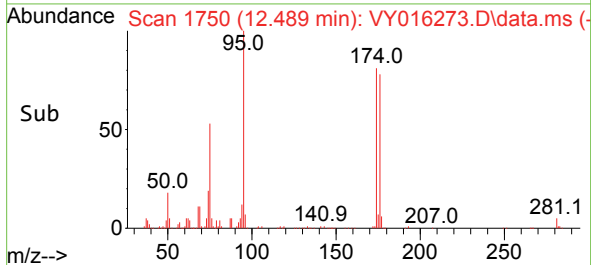
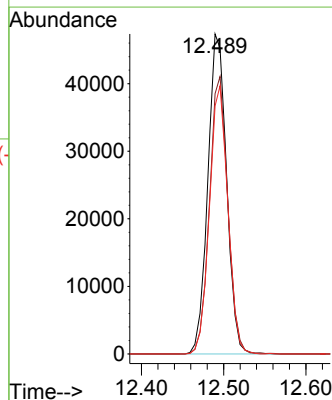
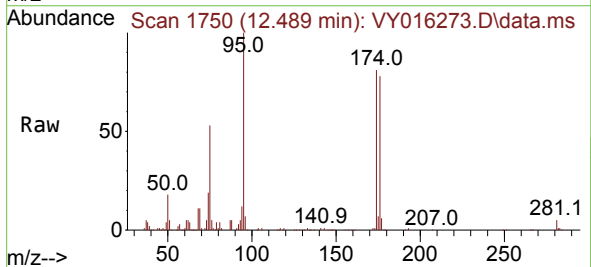
Instrument :
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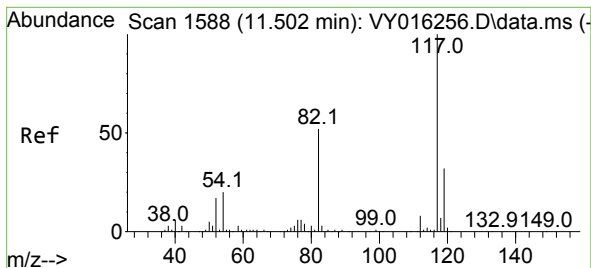
Tgt Ion: 98 Resp: 215885
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.006 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

Tgt Ion: 95 Resp: 74862
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016273.D

Acq: 09 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

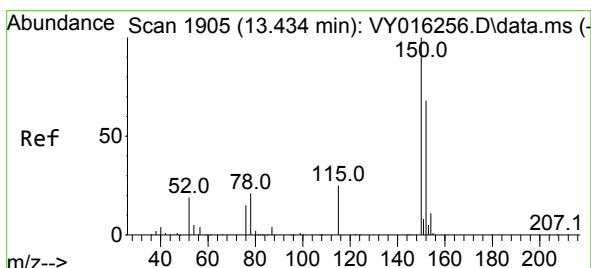
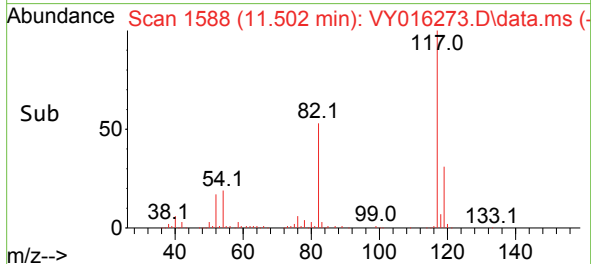
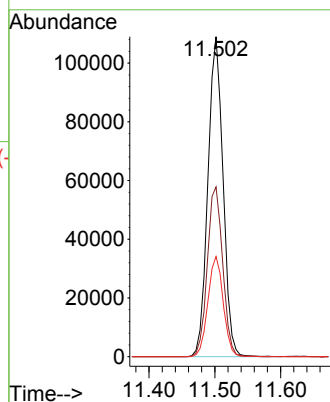
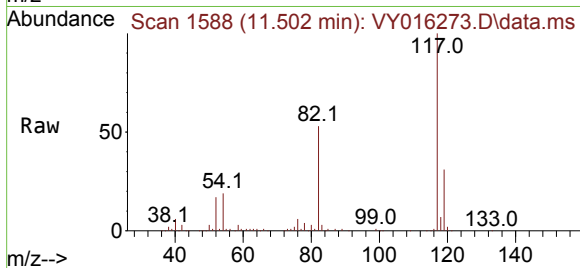
Tgt Ion:117 Resp: 174641

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 31.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016273.D

Acq: 09 Nov 2023 11:53

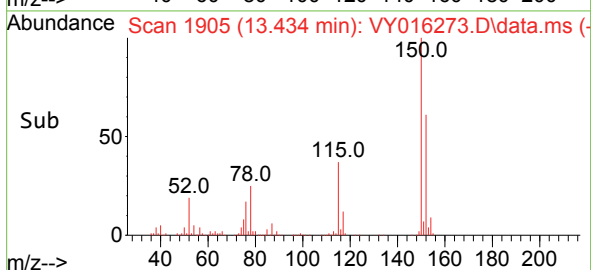
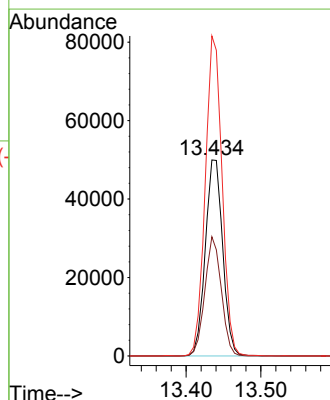
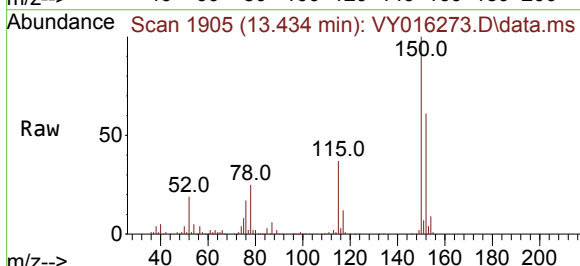
Tgt Ion:152 Resp: 80745

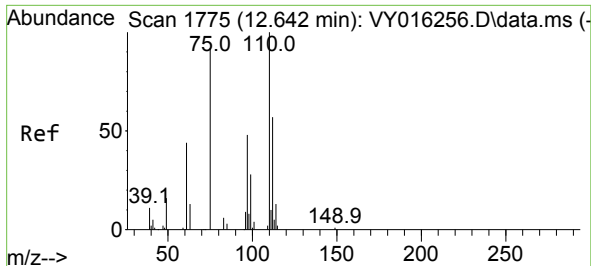
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 157.7 0.0 348.8

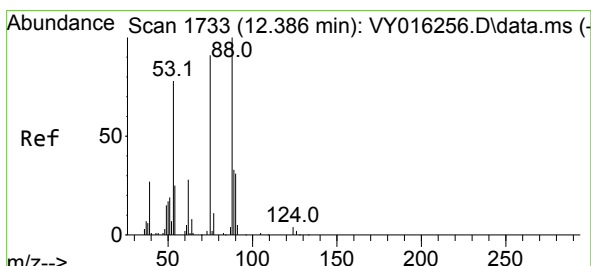
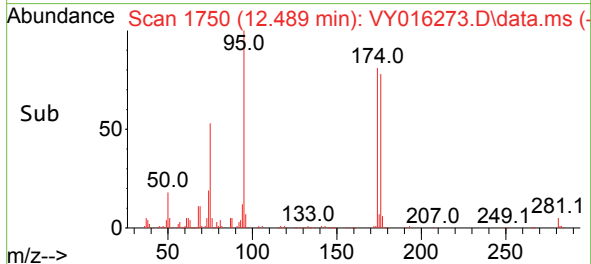
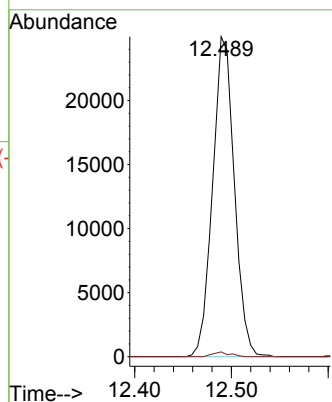
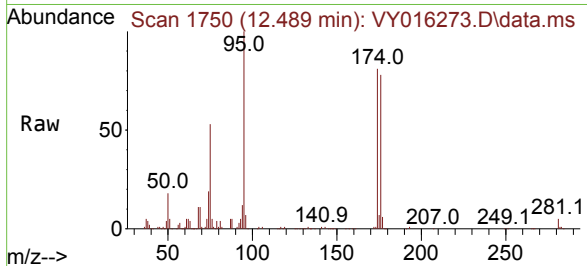




#76
1,2,3-Trichloropropane
Concen: 50.257 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

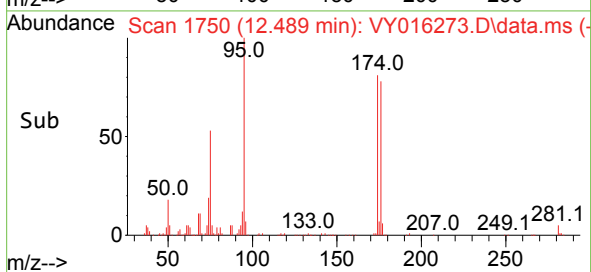
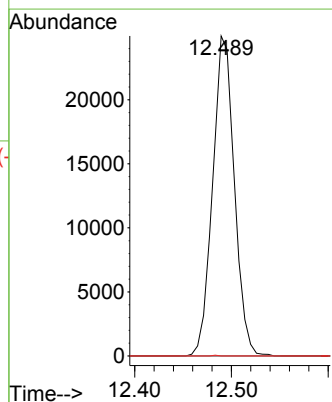
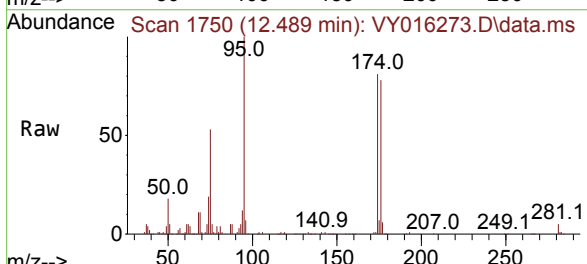
Instrument :
MSVOA_Y
ClientSampleId :

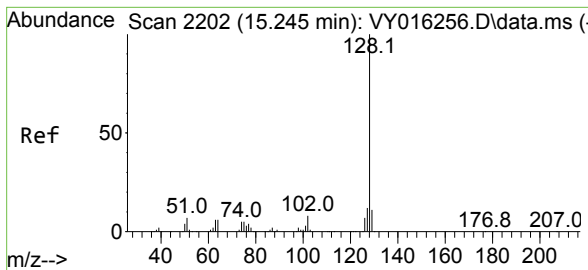
Tgt Ion: 75 Resp: 38928
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.087 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

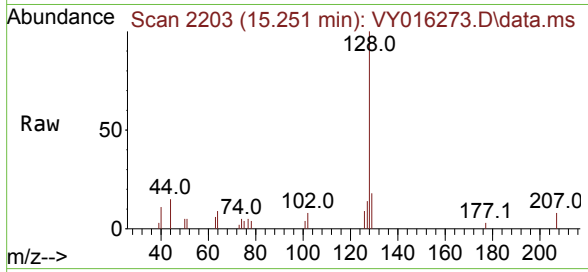
Tgt Ion: 75 Resp: 38928
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#





#95
Naphthalene
Concen: 1.469 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 3736
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 12.5 8.6 13.0

