

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016804.D
 Acq On : 22 Dec 2023 13:24
 Operator : SY/MD
 Sample : VY1222SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 22 22:57:37 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)

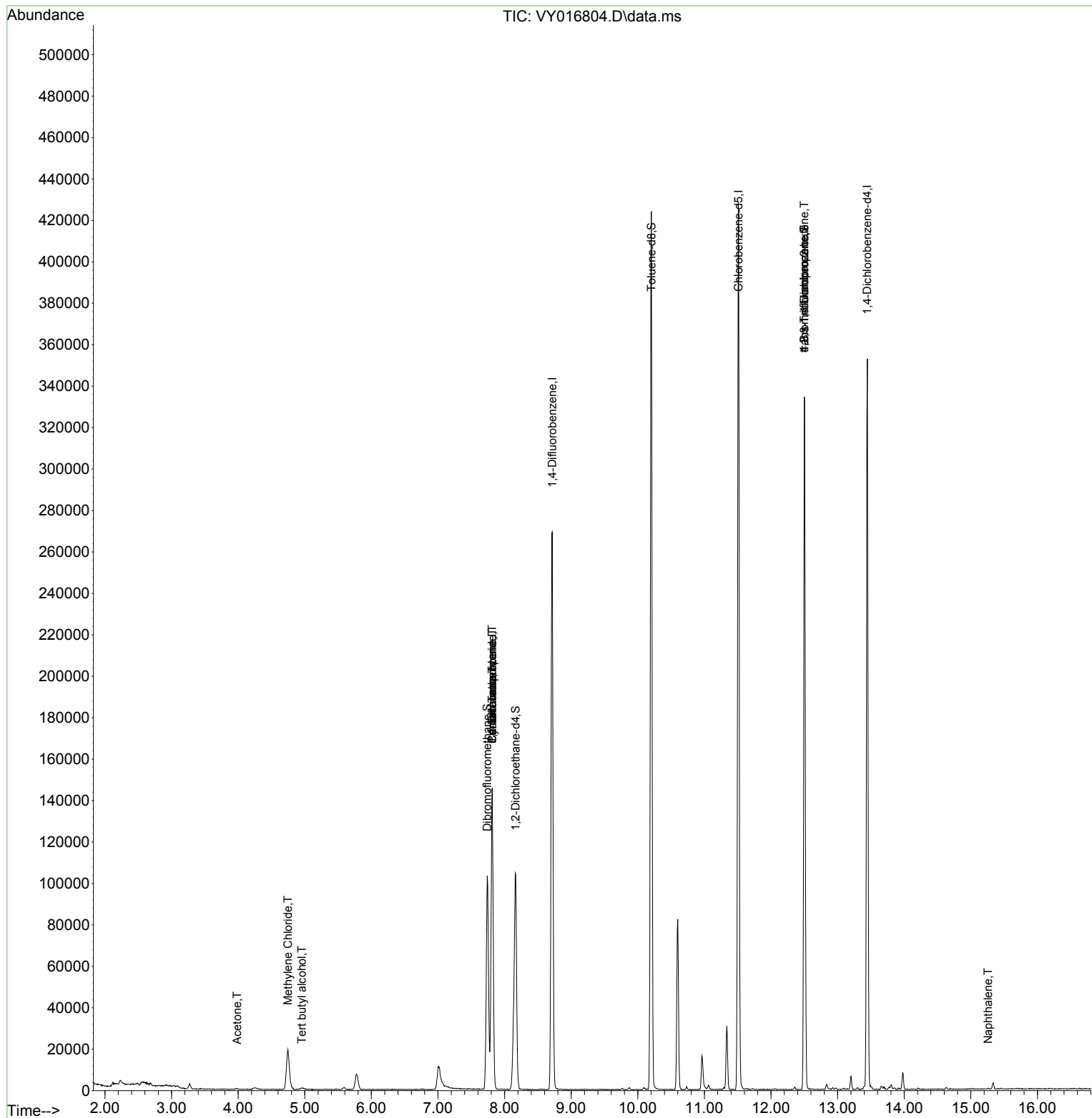
Internal Standards						
1) Pentafluorobenzene	7.813	168	106722	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	232236	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	236832	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	88187	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	71716	73.611	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.220%	
35) Dibromofluoromethane	7.740	113	74736	56.180	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.360%	
50) Toluene-d8	10.203	98	273669	57.067	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.140%	
62) 4-Bromofluorobenzene	12.502	95	89289	57.390	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	464	5.809	ug/l #	75
16) Acetone	3.985	43	823	3.124	ug/l #	41
20) Methylene Chloride	4.747	84	14543	8.116	ug/l	98
31) Cyclohexane	7.813	56	2752	1.474	ug/l #	12
36) 1,1-Dichloropropene	7.813	75	9871	4.628	ug/l #	49
38) Carbon Tetrachloride	7.813	117	10773	5.105	ug/l #	15
76) 1,2,3-Trichloropropane	12.502	75	47322	48.542	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	47322	113.999	ug/l #	13
95) Naphthalene	15.257	128	305	3.693	ug/l #	69

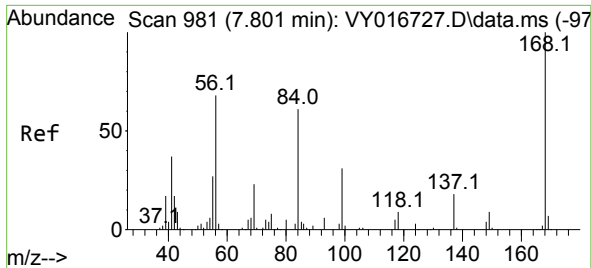
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016804.D
Acq On : 22 Dec 2023 13:24
Operator : SY/MD
Sample : VY1222SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 22 22:57:37 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

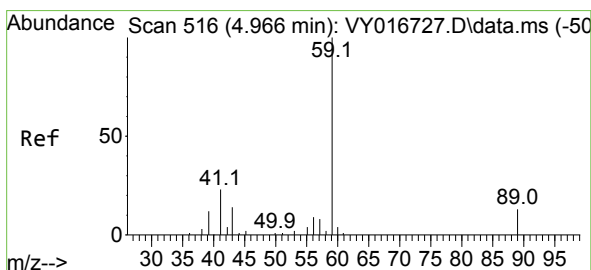
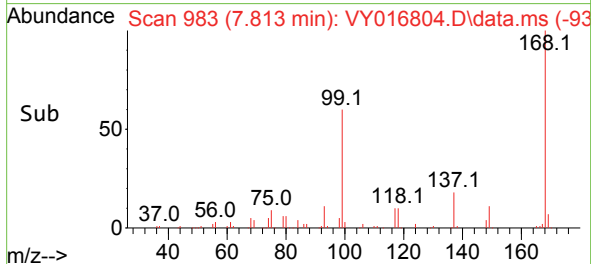
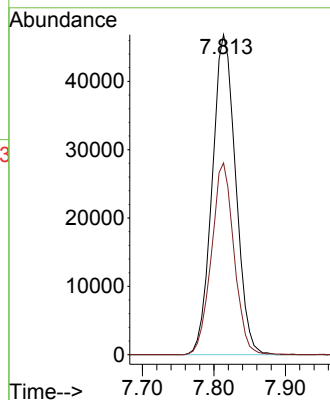
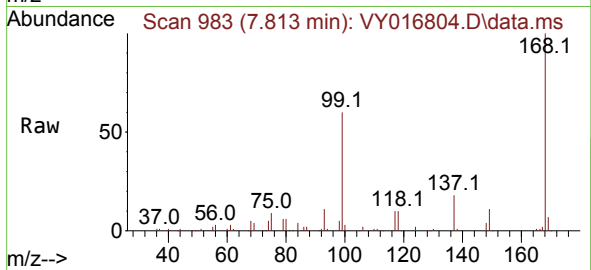




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

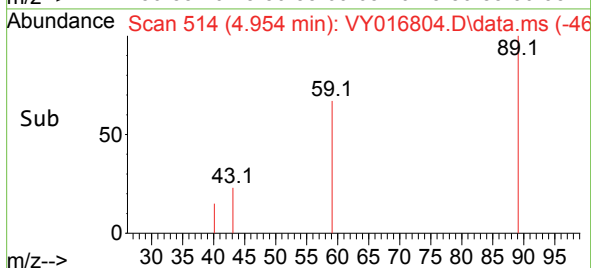
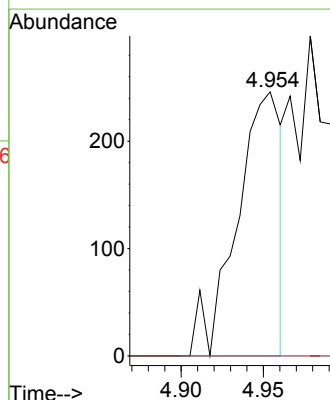
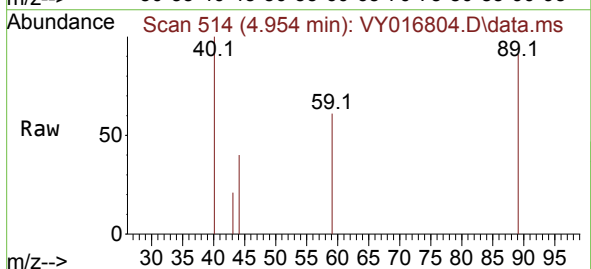
Instrument :
MSVOA_Y
ClientSampleId :

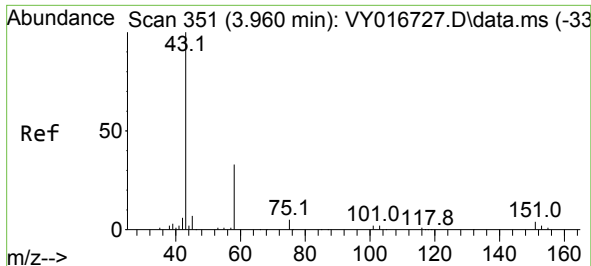
Tgt Ion:168 Resp: 106722
Ion Ratio Lower Upper
168 100
99 59.9 44.2 66.4



#11
Tert butyl alcohol
Concen: 5.809 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

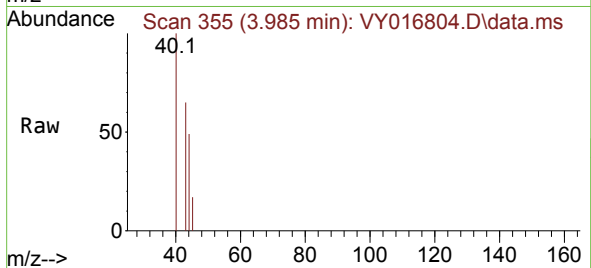
Tgt Ion: 59 Resp: 464
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



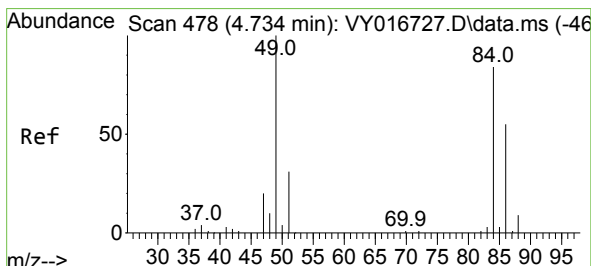
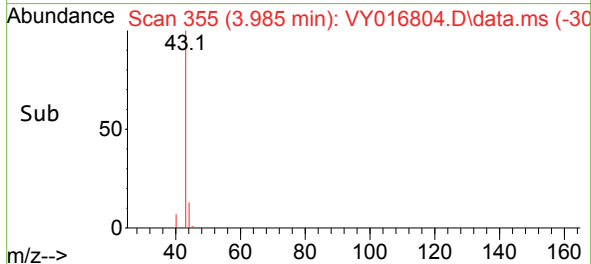
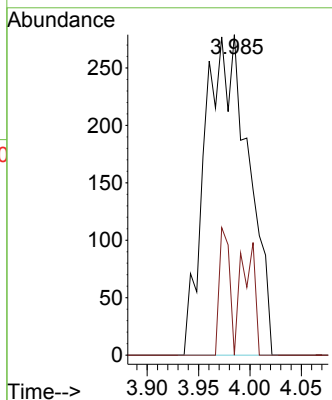


#16
Acetone
Concen: 3.124 ug/l
RT: 3.985 min Scan# 316
Delta R.T. 0.025 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_Y
ClientSampleId :

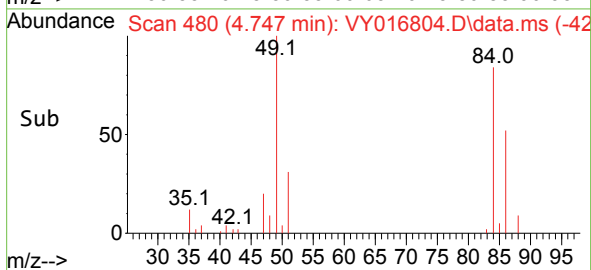
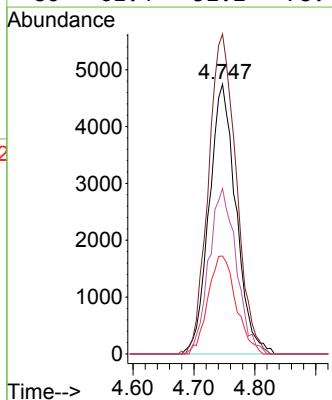
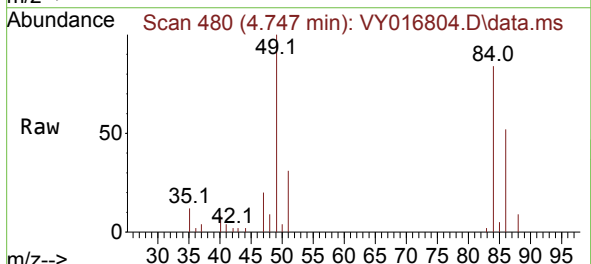


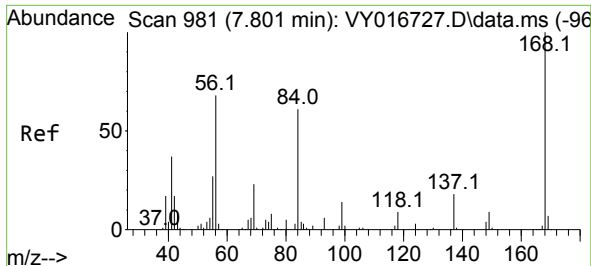
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#20
Methylene Chloride
Concen: 8.116 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

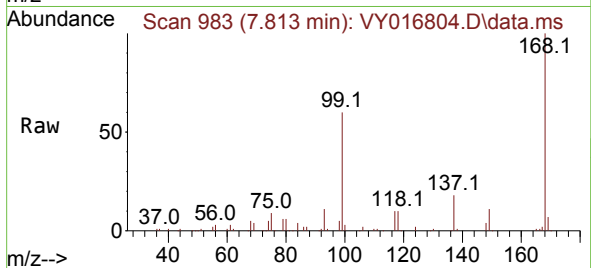
Tgt Ion: 84 Resp: 14543
Ion Ratio Lower Upper
84 100
49 118.6 95.2 142.8
51 36.3 29.9 44.9
86 61.4 52.2 78.4



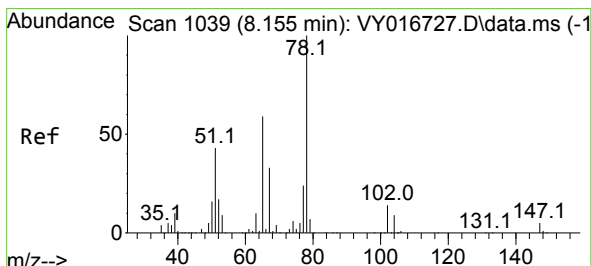
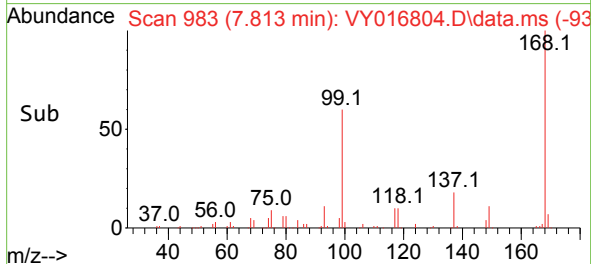
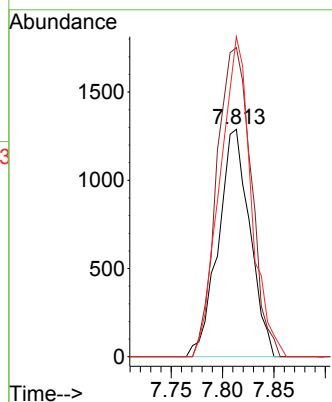


#31
Cyclohexane
Concen: 1.474 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

Instrument :
MSVOA_Y
ClientSampleId :

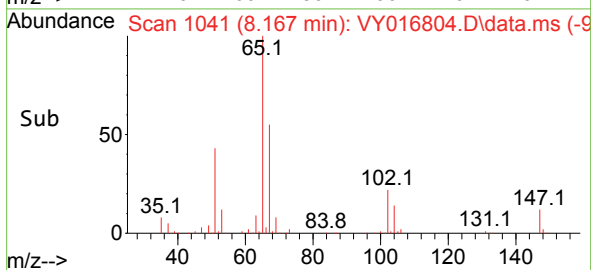
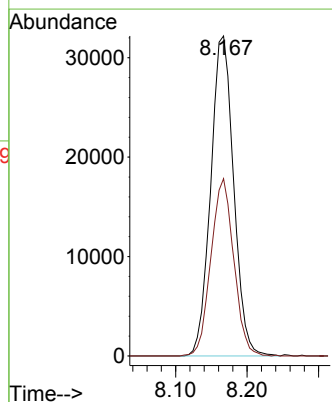
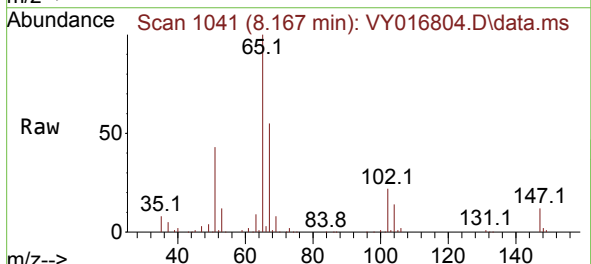


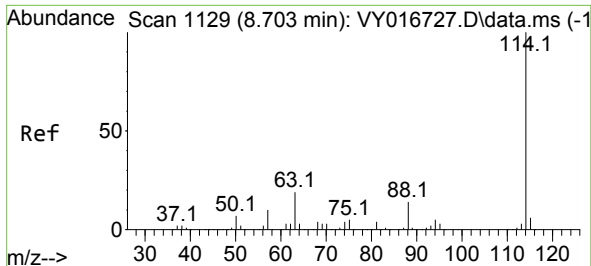
Tgt Ion: 56 Resp: 2752
Ion Ratio Lower Upper
56 100
69 135.9 27.0 40.6#
84 140.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 73.611 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 65 Resp: 71716
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1129

Delta R.T. 0.013 min

Lab File: VY016804.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

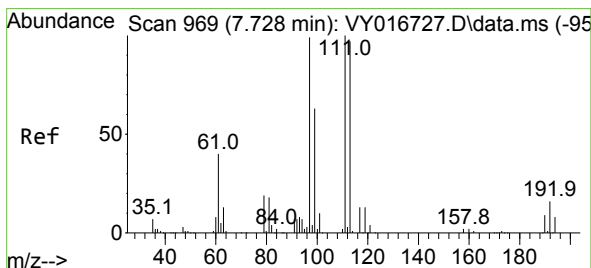
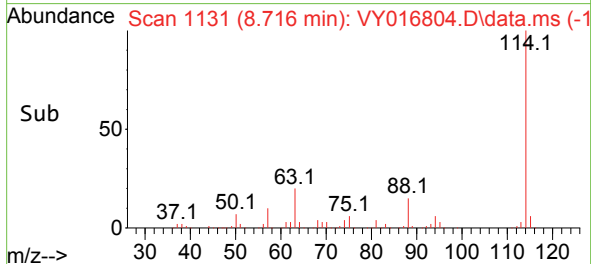
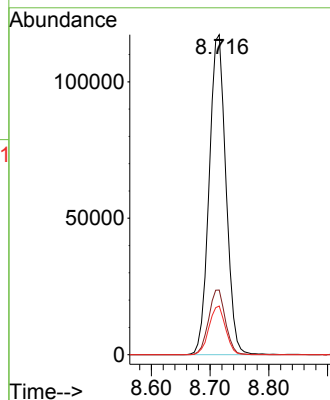
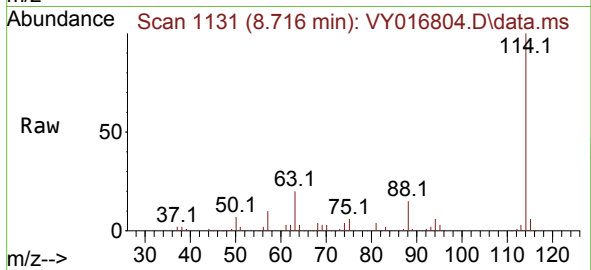
Tgt Ion:114 Resp: 232236

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.180 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016804.D

Acq: 22 Dec 2023 13:24

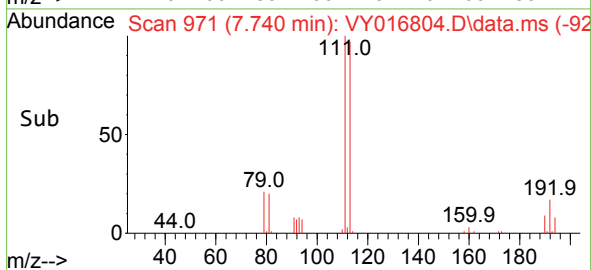
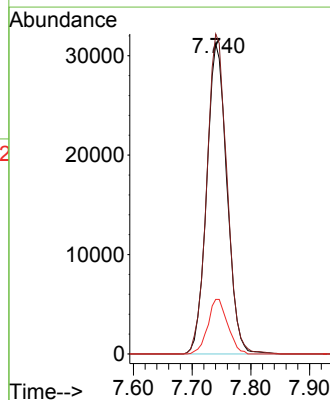
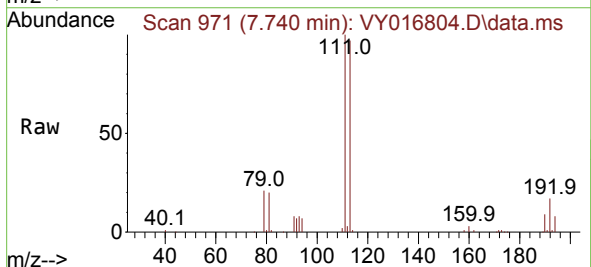
Tgt Ion:113 Resp: 74736

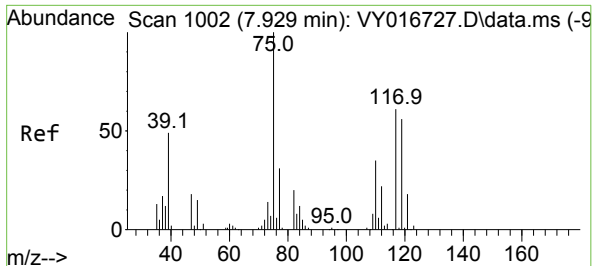
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.3 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.628 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.116 min

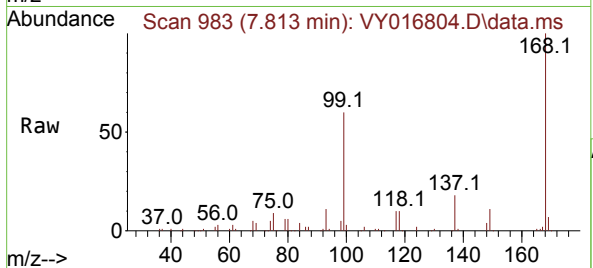
Lab File: VY016804.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :



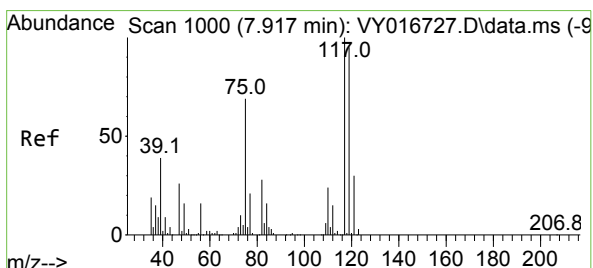
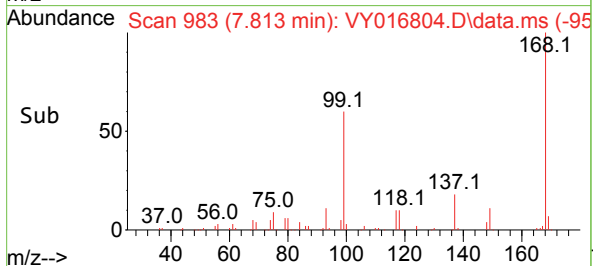
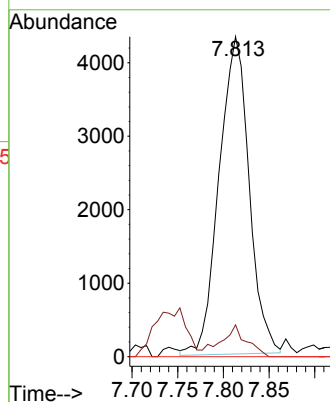
Tgt Ion: 75 Resp: 9871

Ion Ratio Lower Upper

75 100

110 8.3 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.105 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY016804.D

Acq: 22 Dec 2023 13:24

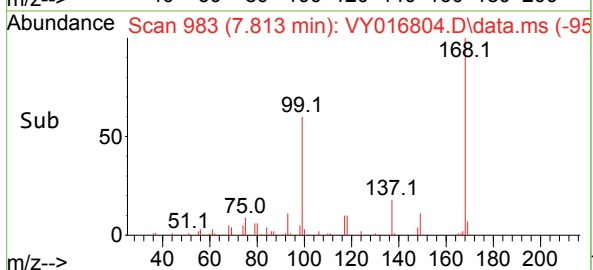
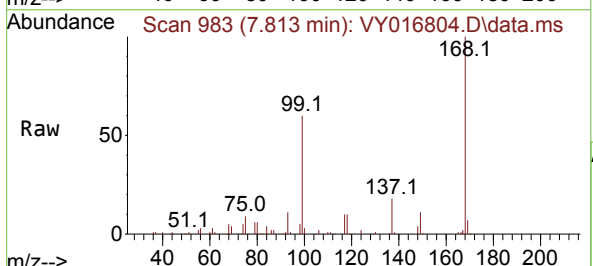
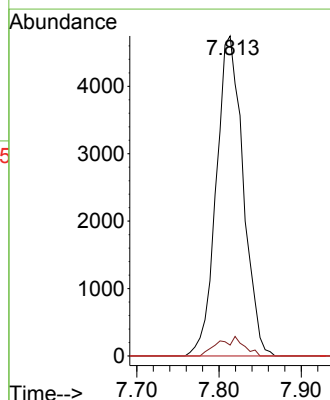
Tgt Ion: 117 Resp: 10773

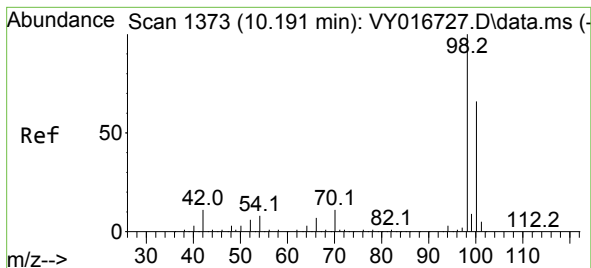
Ion Ratio Lower Upper

117 100

119 3.4 76.0 114.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 57.067 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016804.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_Y

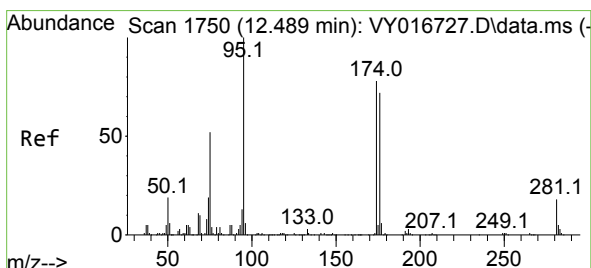
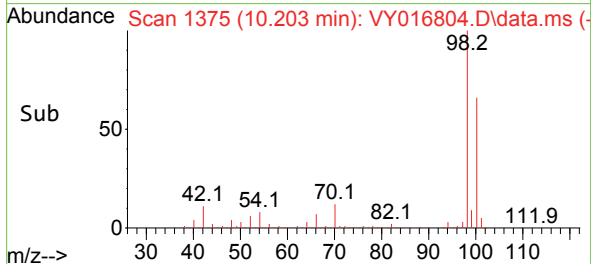
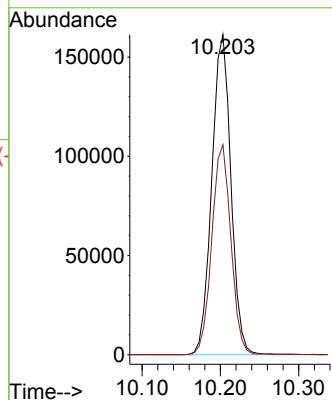
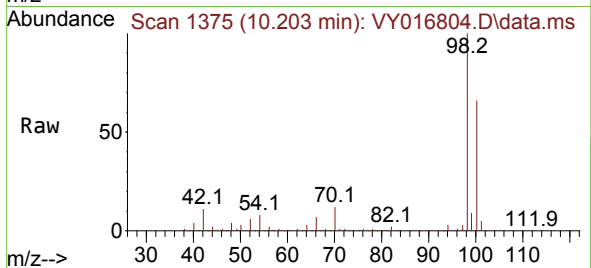
ClientSampleId :

Tgt Ion: 98 Resp: 273669

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 57.390 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016804.D

Acq: 22 Dec 2023 13:24

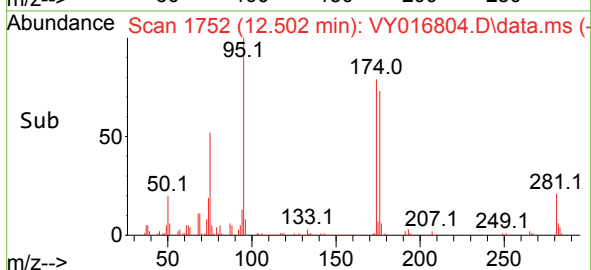
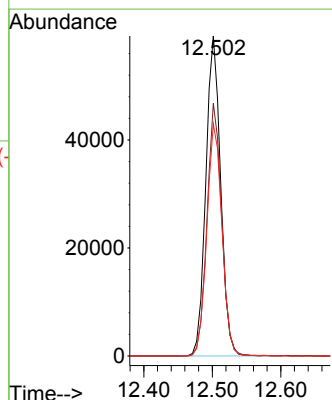
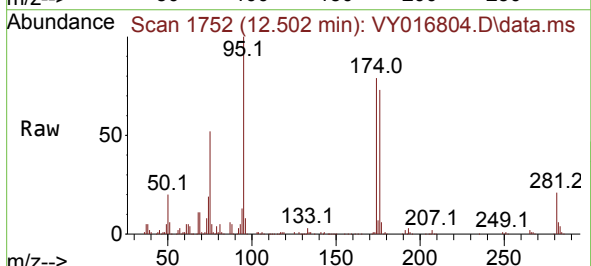
Tgt Ion: 95 Resp: 89289

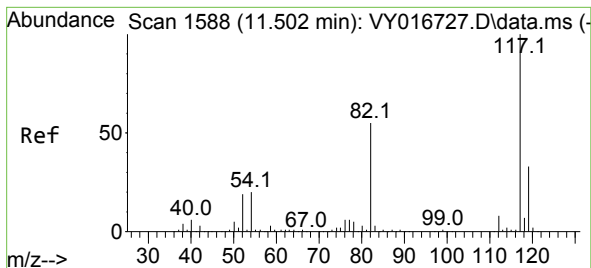
Ion Ratio Lower Upper

95 100

174 78.2 0.0 160.0

176 74.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016804.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

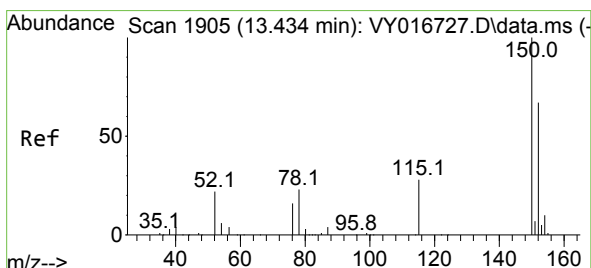
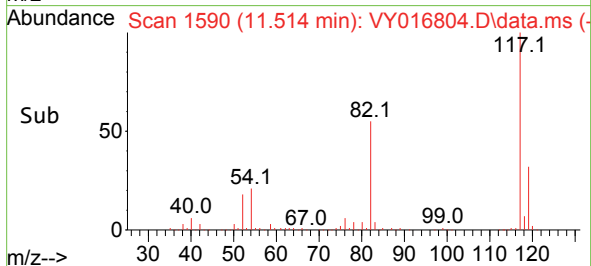
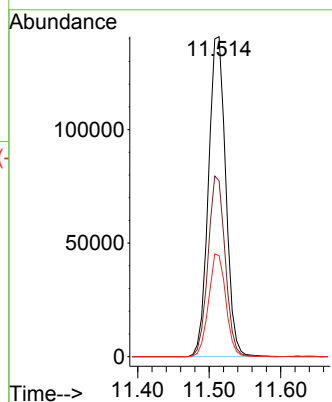
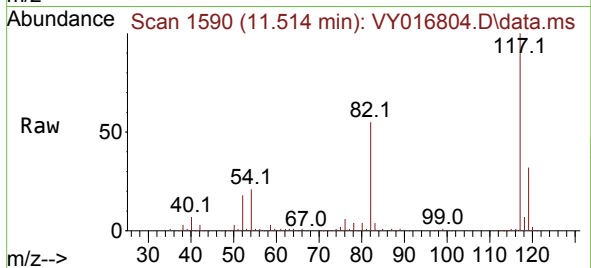
Tgt Ion:117 Resp: 236832

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 31.6 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: VY016804.D

Acq: 22 Dec 2023 13:24

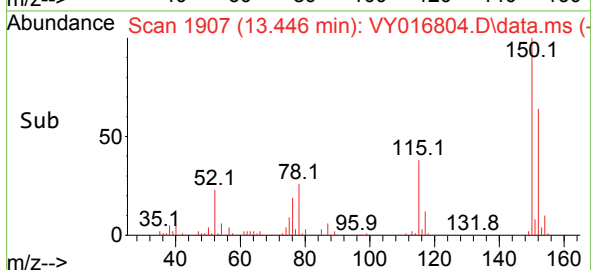
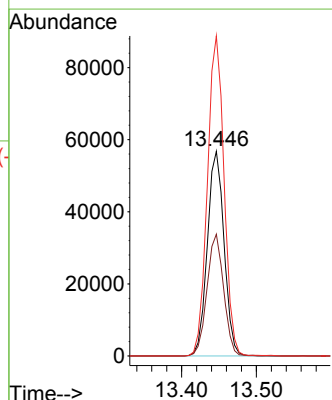
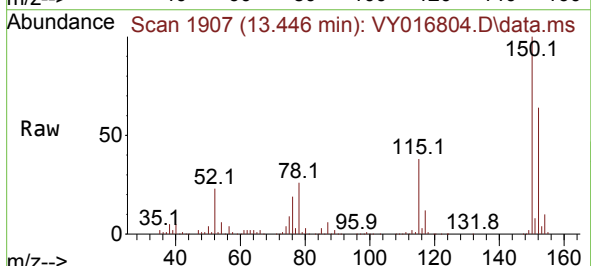
Tgt Ion:152 Resp: 88187

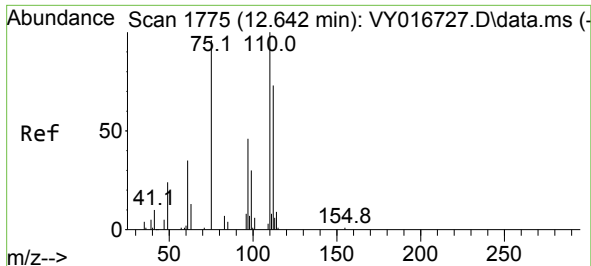
Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 155.7 0.0 344.6

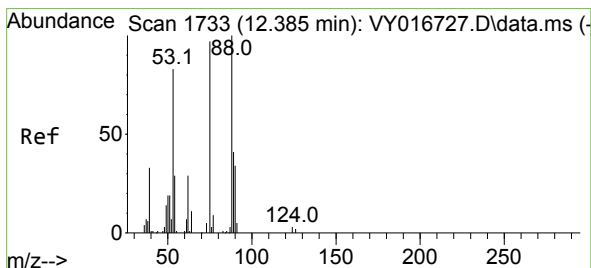
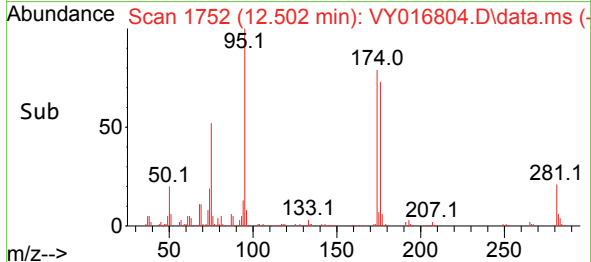
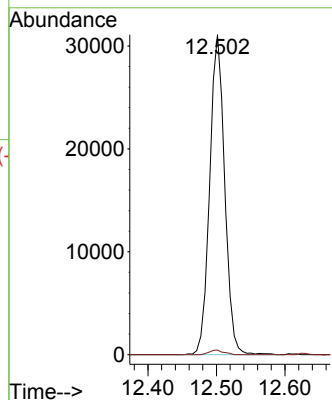
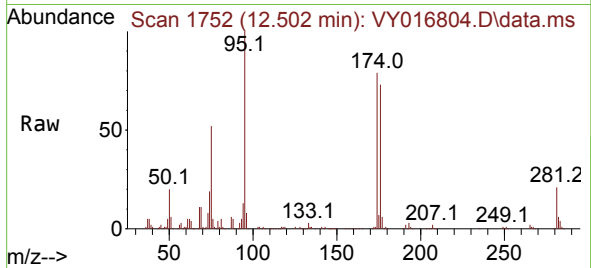




#76
1,2,3-Trichloropropane
Concen: 48.542 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

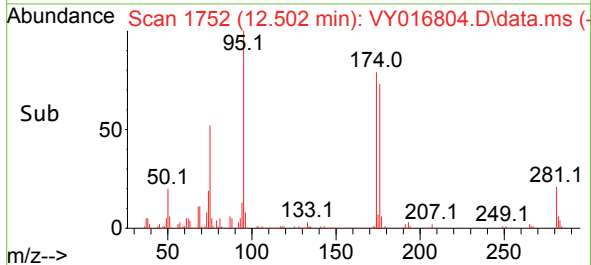
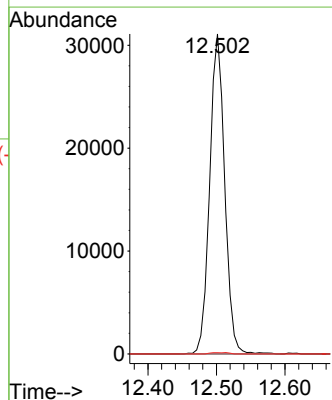
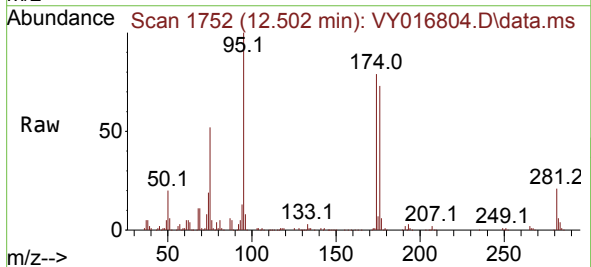
Instrument :
MSVOA_Y
ClientSampleId :

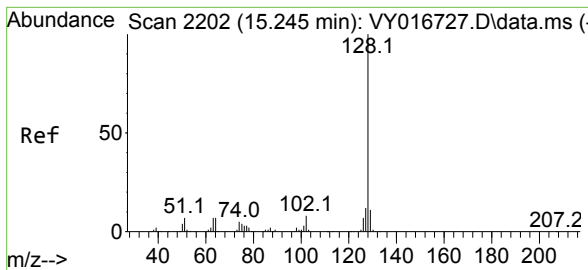
Tgt Ion: 75 Resp: 47322
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.999 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

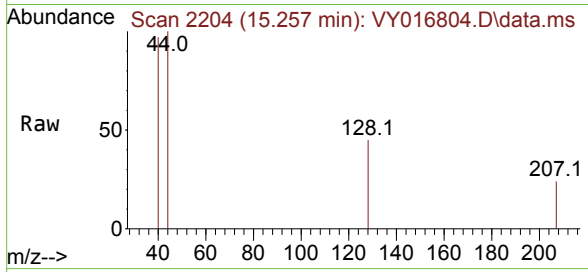
Tgt Ion: 75 Resp: 47322
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.5 36.5 54.7#





#95
 Naphthalene
 Concen: 3.693 ug/l
 RT: 15.257 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY016804.D
 Acq: 22 Dec 2023 13:24

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	305
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

