

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015681.D
 Acq On : 22 Sep 2023 13:05
 Operator : SY/MD
 Sample : VY0922SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 22:53:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

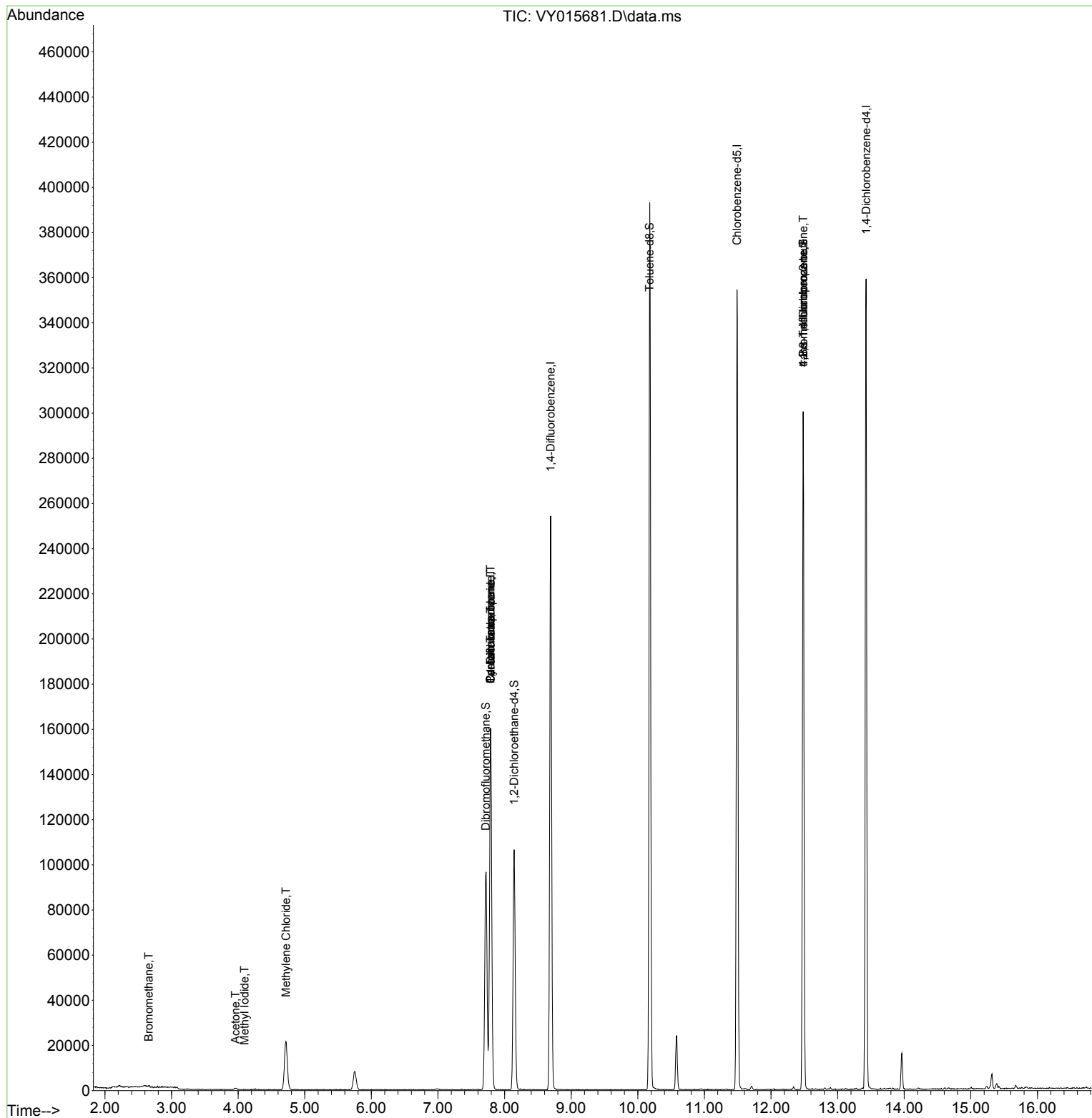
Internal Standards						
1) Pentafluorobenzene	7.789	168	123353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81667	60.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.340%	
35) Dibromofluoromethane	7.716	113	70212	54.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.880%	
50) Toluene-d8	10.179	98	254200	58.126	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.260%	
62) 4-Bromofluorobenzene	12.483	95	84487	49.229	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	166	2.692	ug/l #	66
10) Methyl Iodide	4.094	142	28	2.747	ug/l #	38
16) Acetone	3.960	43	1247	1.717	ug/l #	83
20) Methylene Chloride	4.716	84	16101	5.848	ug/l #	89
31) Cyclohexane	7.789	56	2671	1.421	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9428	4.944	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12619	6.096	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	45772	31.336	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45772	70.565	ug/l #	11

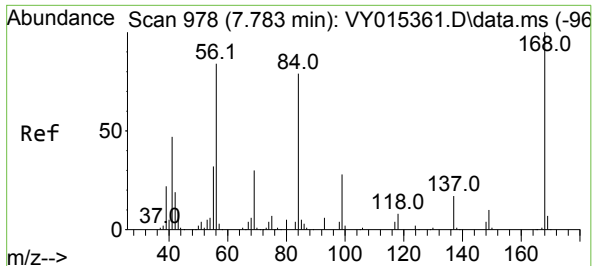
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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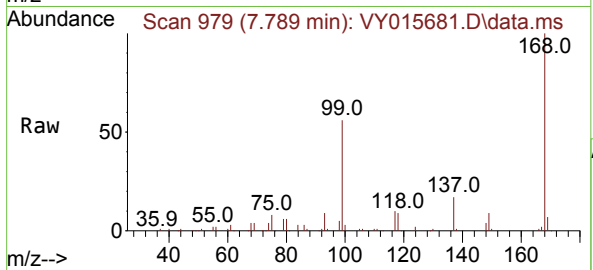
Quant Time: Sep 22 22:53:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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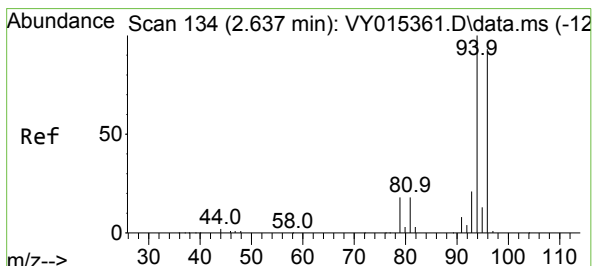
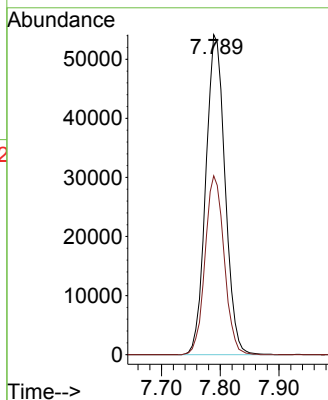
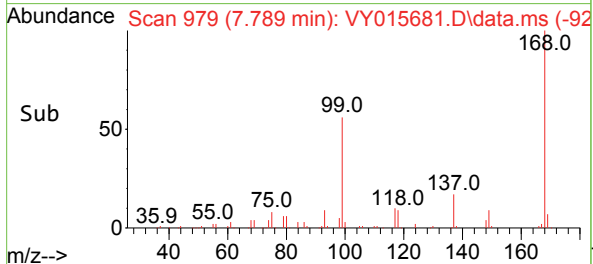


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015681.D
Acq: 22 Sep 2023 13:05

Instrument :
MSVOA_Y
ClientSampleId :

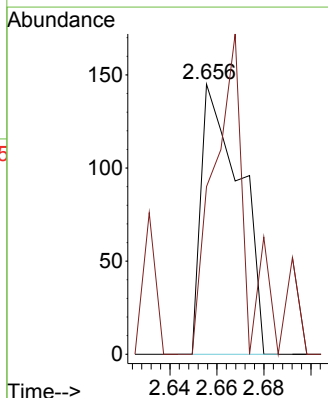
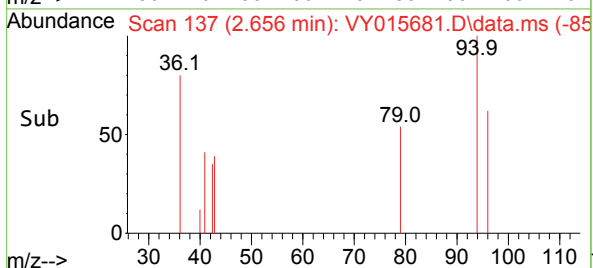
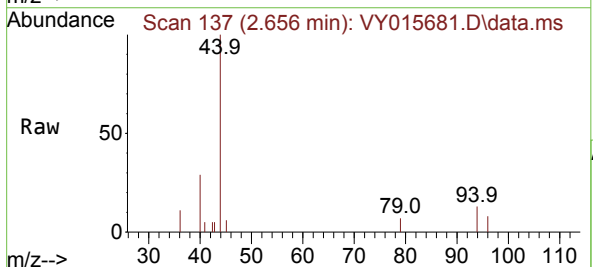


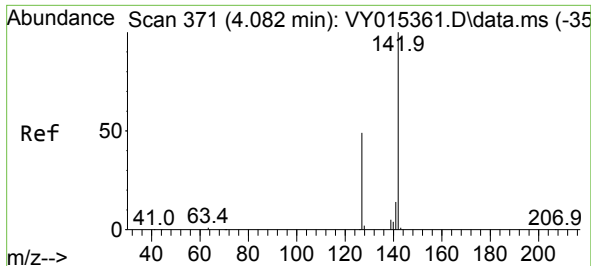
Tgt Ion:168 Resp: 123353
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#5
Bromomethane
Concen: 2.692 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY015681.D
Acq: 22 Sep 2023 13:05

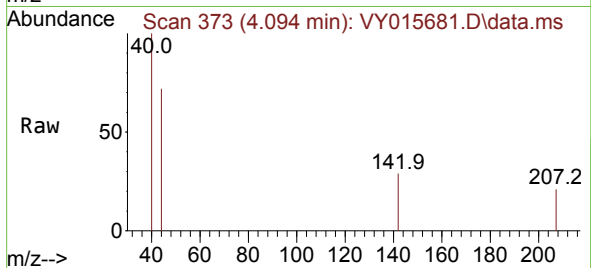
Tgt Ion: 94 Resp: 166
Ion Ratio Lower Upper
94 100
96 62.1 75.8 113.6#



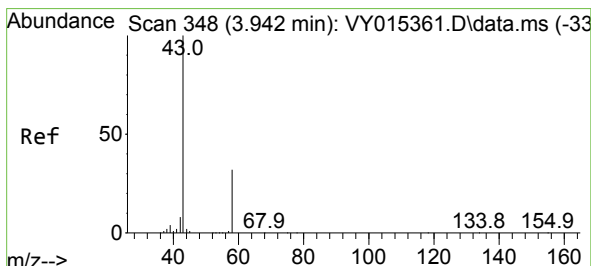
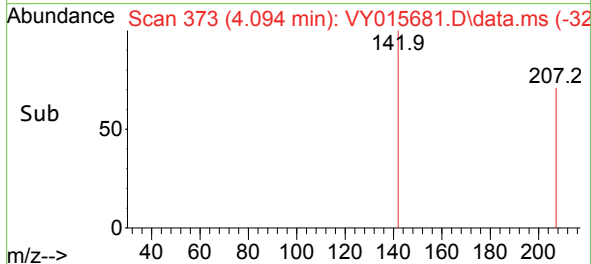
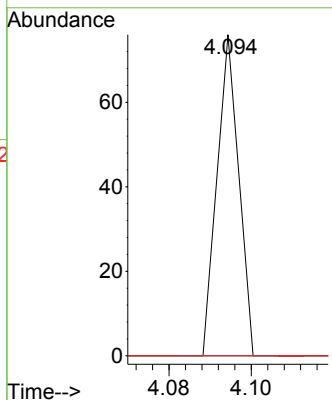


#10
Methyl Iodide
Concen: 2.747 ug/l
RT: 4.094 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015681.D
Acq: 22 Sep 2023 13:05

Instrument :
MSVOA_Y
ClientSampleId :

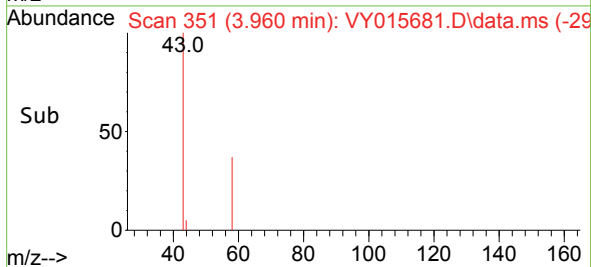
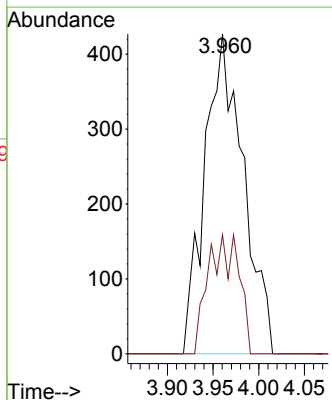
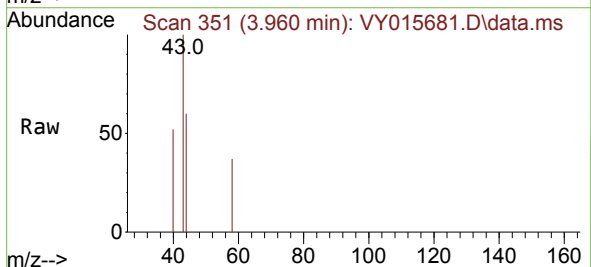


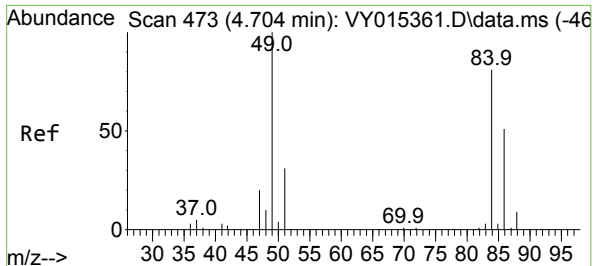
Tgt Ion:142 Resp: 28
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 1.717 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015681.D
Acq: 22 Sep 2023 13:05

Tgt Ion: 43 Resp: 1247
Ion Ratio Lower Upper
43 100
58 37.2 22.7 34.1#





#20

Methylene Chloride

Concen: 5.848 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.012 min

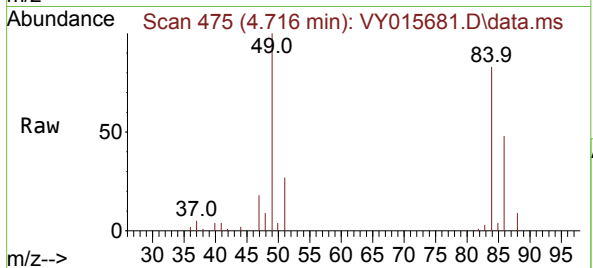
Lab File: VY015681.D

Acq: 22 Sep 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 16101

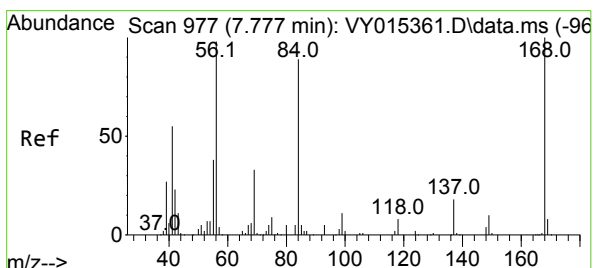
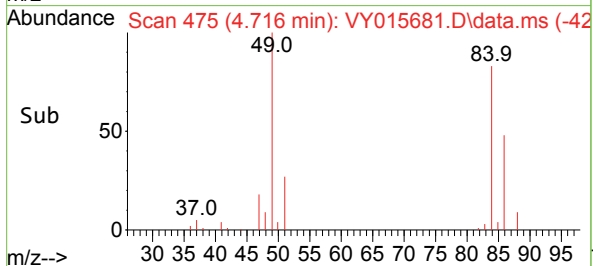
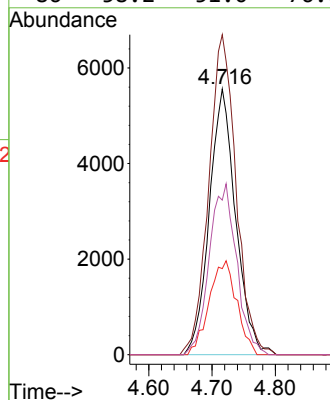
Ion Ratio Lower Upper

84 100

49 120.4 106.9 160.3

51 32.4 33.2 49.8#

86 58.2 51.0 76.6



#31

Cyclohexane

Concen: 1.421 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015681.D

Acq: 22 Sep 2023 13:05

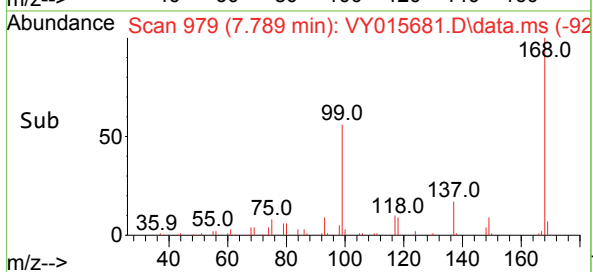
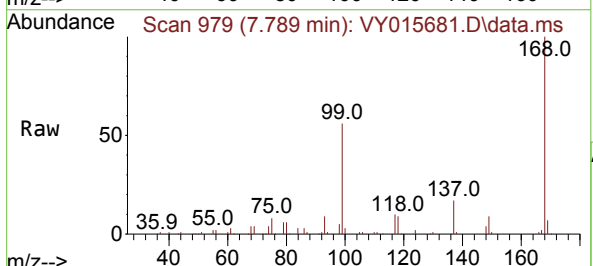
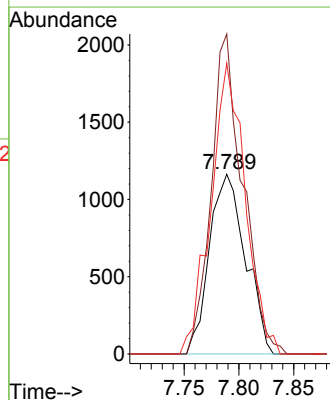
Tgt Ion: 56 Resp: 2671

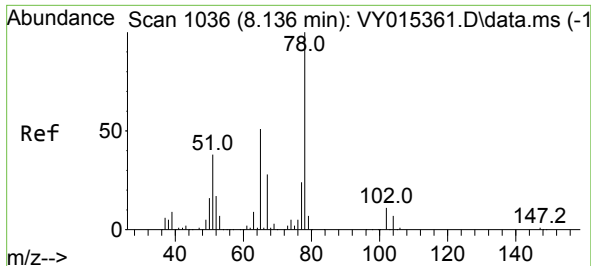
Ion Ratio Lower Upper

56 100

69 178.1 27.8 41.6#

84 161.8 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.172 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY015681.D

Acq: 22 Sep 2023 13:05

Instrument :

MSVOA_Y

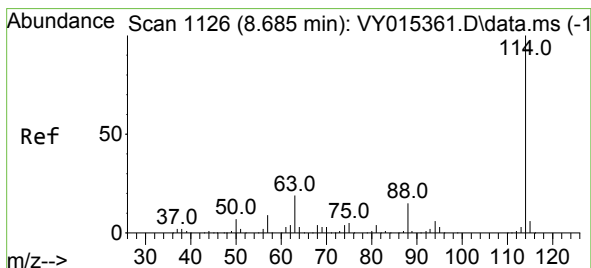
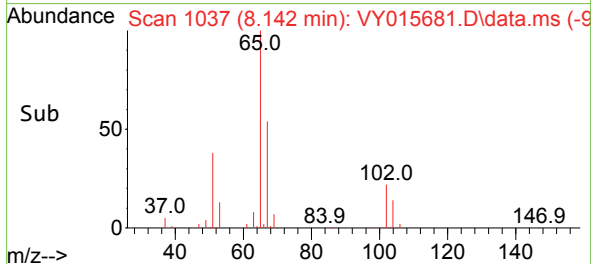
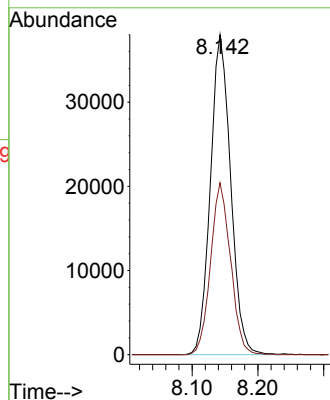
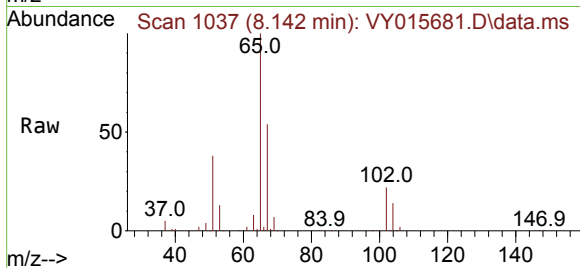
ClientSampleId :

Tgt Ion: 65 Resp: 81667

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015681.D

Acq: 22 Sep 2023 13:05

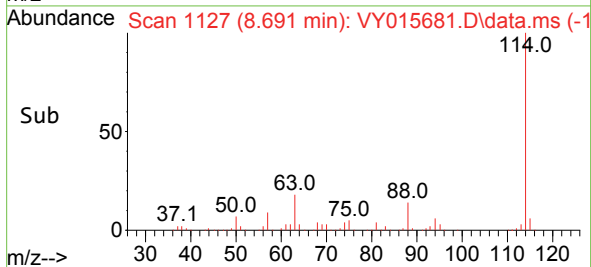
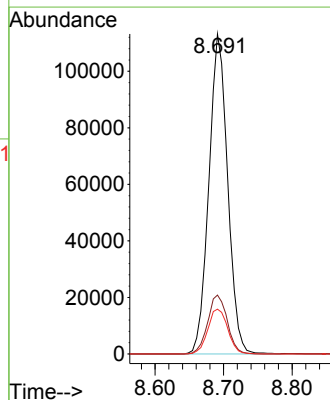
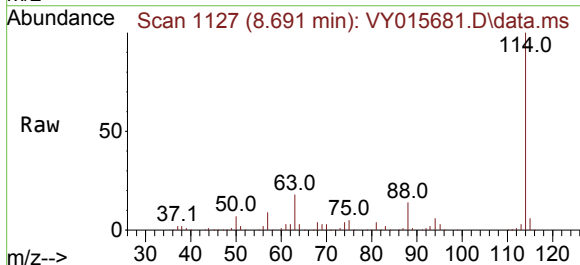
Tgt Ion: 114 Resp: 215494

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.0 0.0 30.6

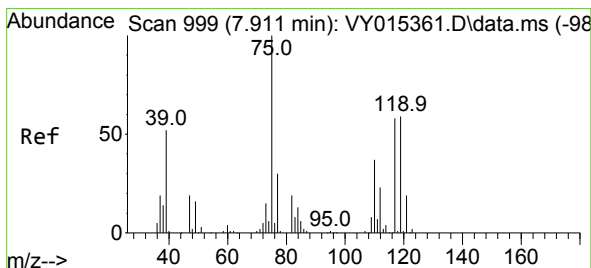
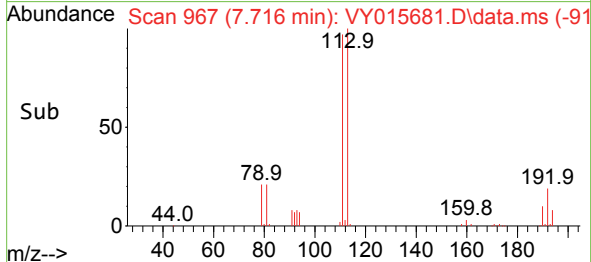
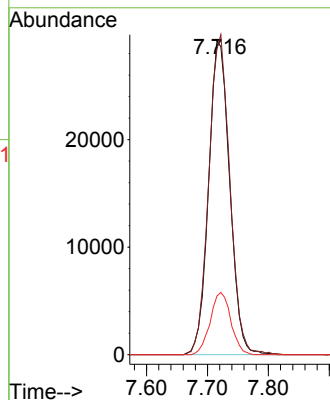
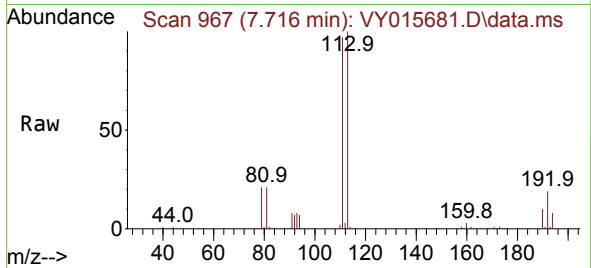




#35
Dibromofluoromethane
Concen: 54.436 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY015681.D
Acq: 22 Sep 2023 13:05

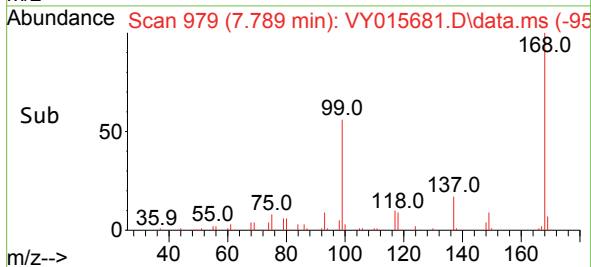
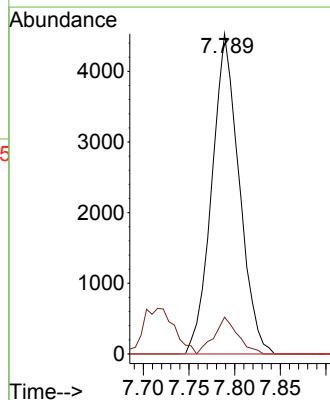
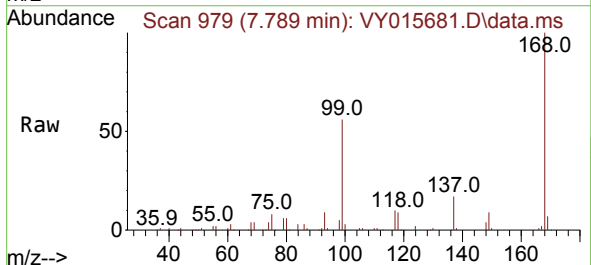
Instrument :
MSVOA_Y
ClientSampleId :

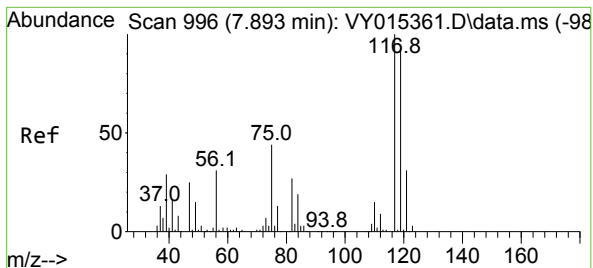
Tgt Ion:113 Resp: 70212
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.944 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015681.D
Acq: 22 Sep 2023 13:05

Tgt Ion: 75 Resp: 9428
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 6.096 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.104 min

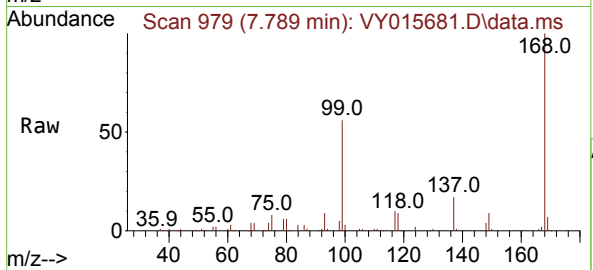
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Acq: 22 Sep 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :



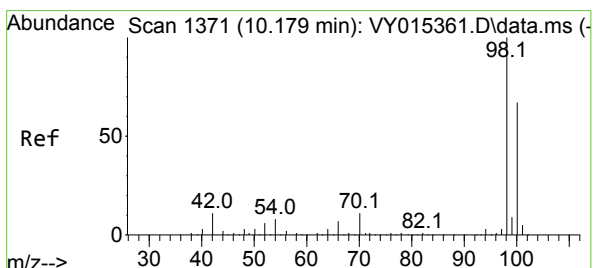
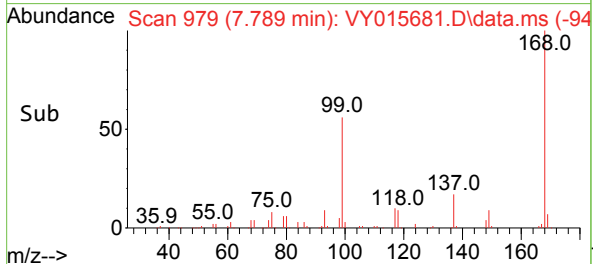
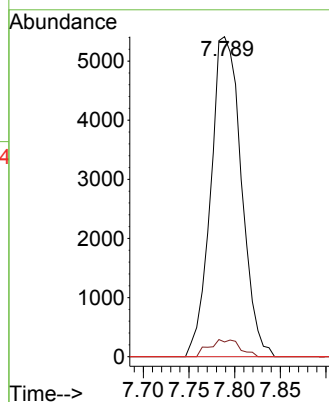
Tgt Ion:117 Resp: 12619

Ion Ratio Lower Upper

117 100

119 4.6 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 58.126 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015681.D

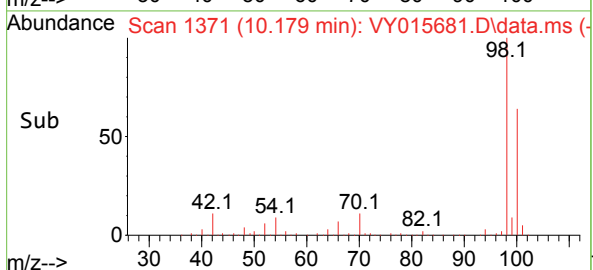
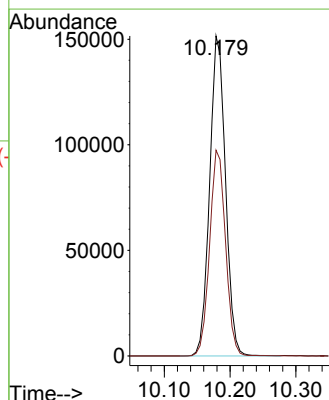
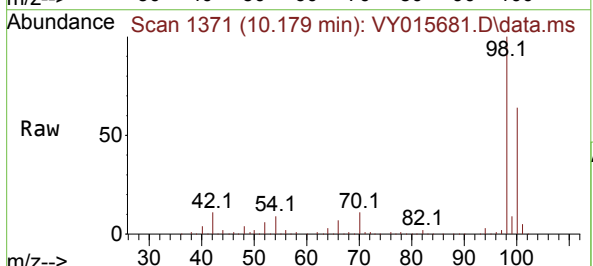
Acq: 22 Sep 2023 13:05

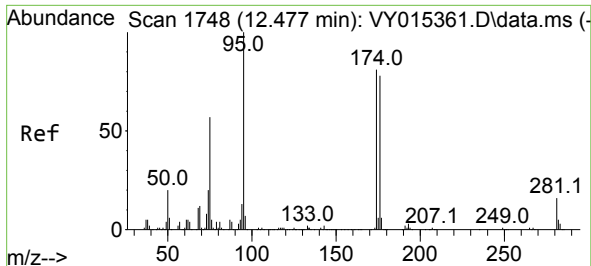
Tgt Ion: 98 Resp: 254200

Ion Ratio Lower Upper

98 100

100 64.5 50.1 75.1

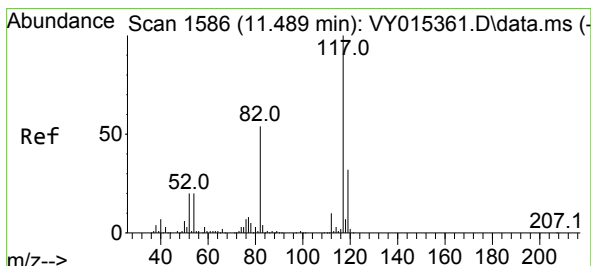
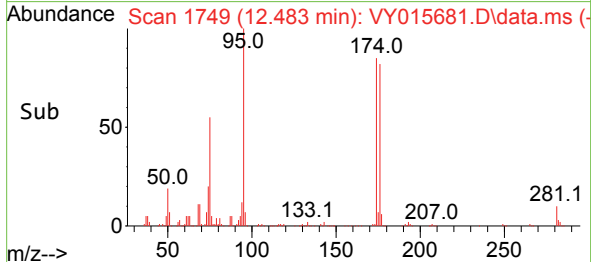
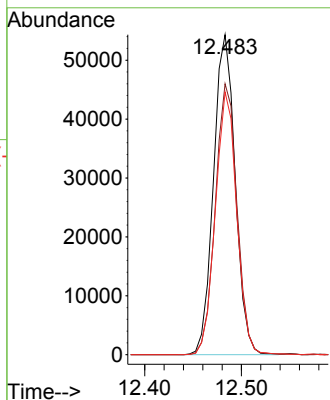
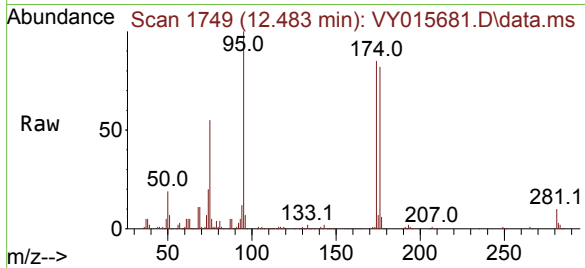




#62
4-Bromofluorobenzene
Concen: 49.229 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015681.D
Acq: 22 Sep 2023 13:05

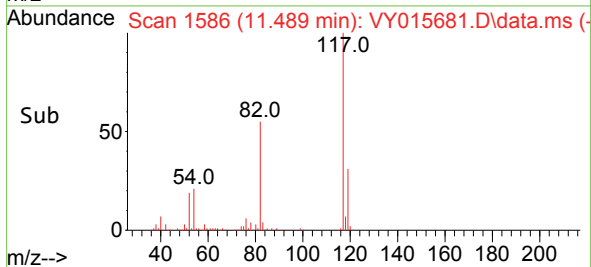
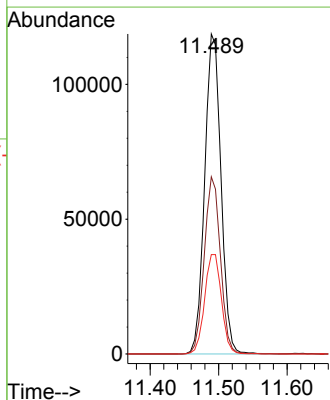
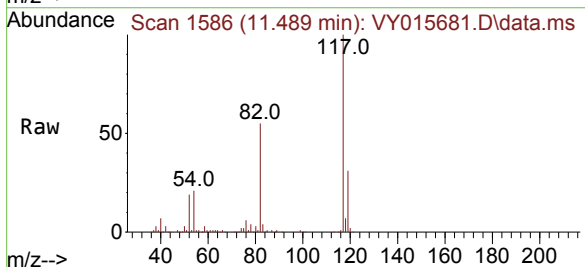
Instrument :
MSVOA_Y
ClientSampleId :

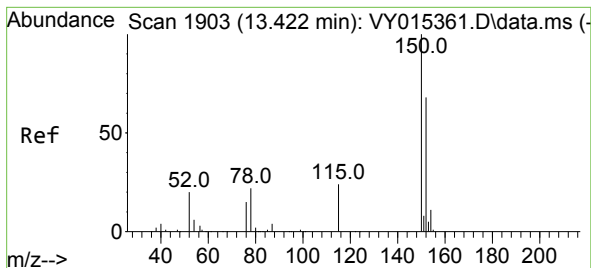
Tgt Ion: 95 Resp: 84487
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 81.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015681.D
Acq: 22 Sep 2023 13:05

Tgt Ion: 117 Resp: 196834
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 31.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015681.D

Acq: 22 Sep 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :

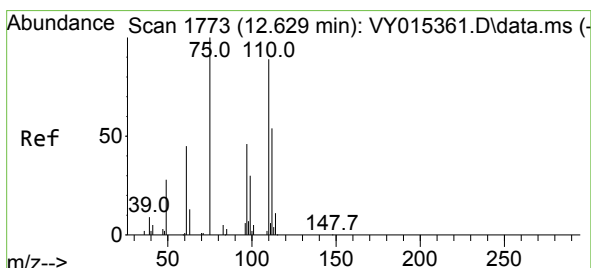
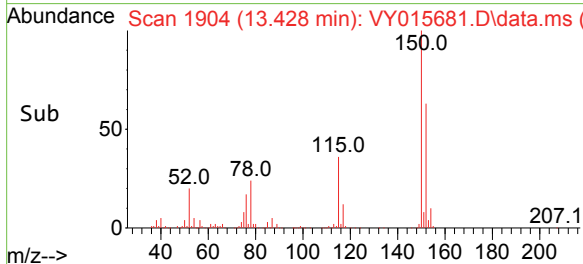
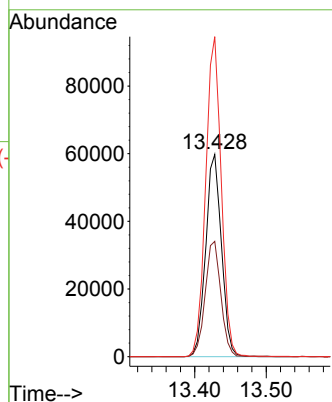
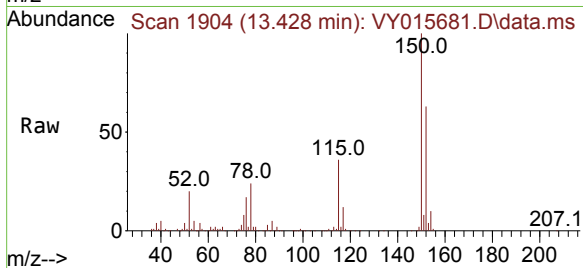
Tgt Ion:152 Resp: 91561

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 156.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 31.336 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015681.D

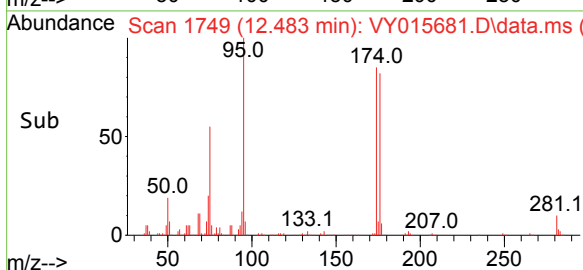
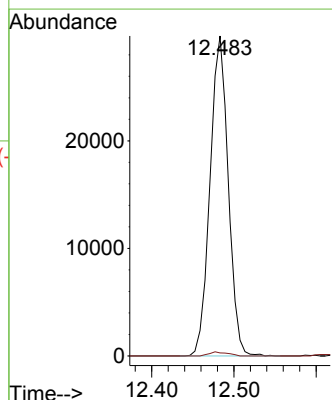
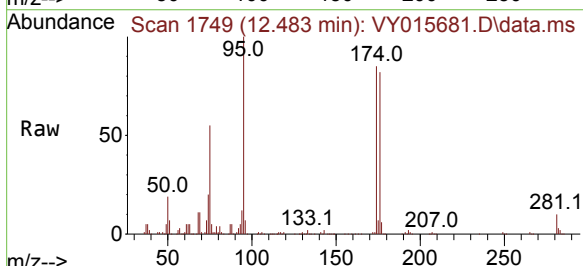
Acq: 22 Sep 2023 13:05

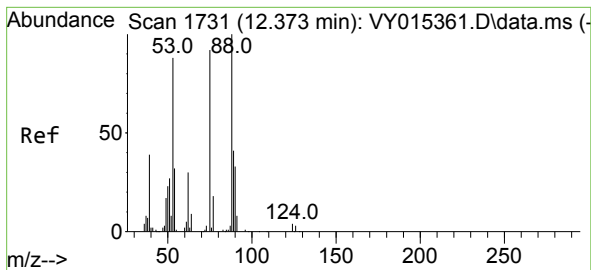
Tgt Ion: 75 Resp: 45772

Ion Ratio Lower Upper

75 100

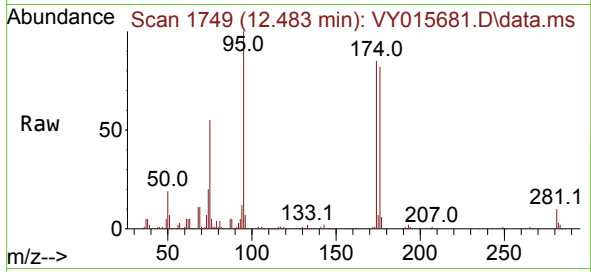
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.565 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015681.D
 Acq: 22 Sep 2023 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 45772
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

