

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018597.D
 Acq On : 14 Jun 2024 16:09
 Operator : SY/MD
 Sample : P2864-07
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 14 23:24:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

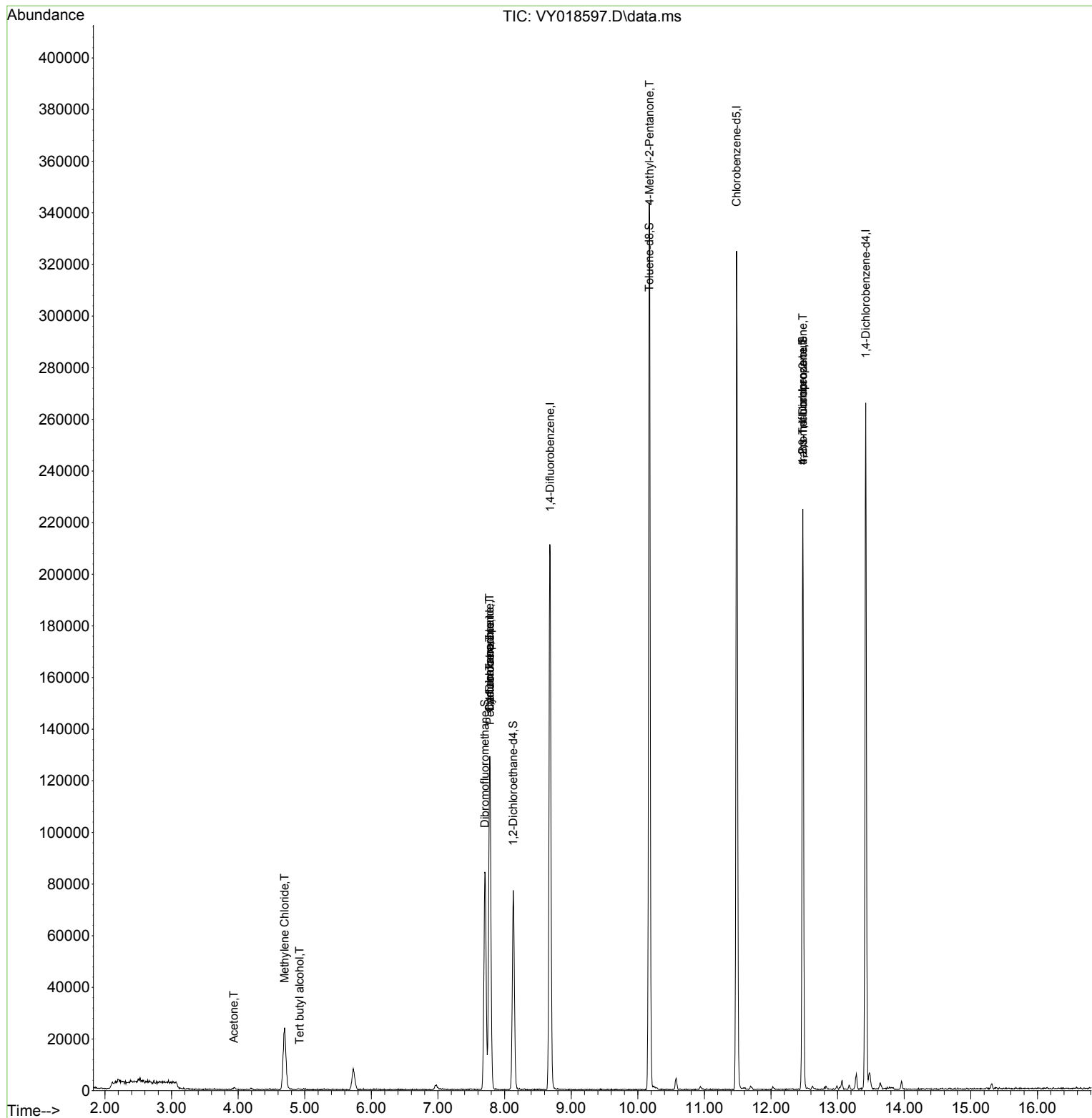
Internal Standards						
1) Pentafluorobenzene	7.783	168	98283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	186038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	172908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	57290	57.898	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.800%	
35) Dibromofluoromethane	7.703	113	59497	52.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.860%	
50) Toluene-d8	10.172	98	223207	51.144	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.280%	
62) 4-Bromofluorobenzene	12.477	95	64986	47.156	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	223	1.253	ug/l #	88
16) Acetone	3.936	43	1408	6.994	ug/l	91
20) Methylene Chloride	4.698	84	17091	5.867	ug/l	87
31) Cyclohexane	7.777	56	2314	1.527	ug/l #	34
36) 1,1-Dichloropropene	7.777	75	8078	5.171	ug/l #	45
38) Carbon Tetrachloride	7.777	117	10005	6.105	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1032	1.425	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	35228	57.825	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35228	151.464	ug/l #	16

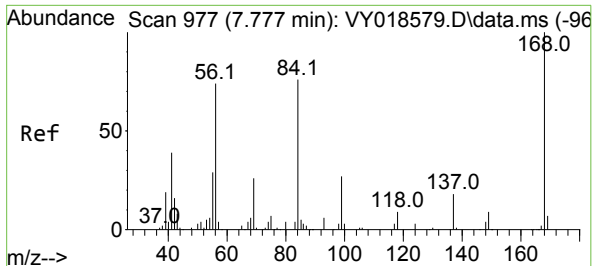
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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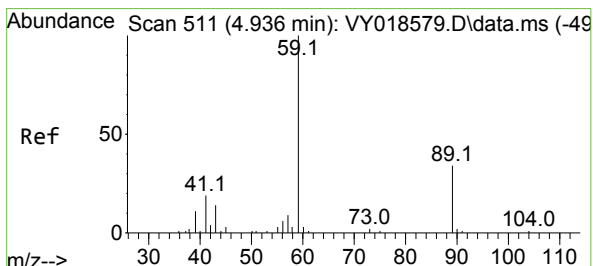
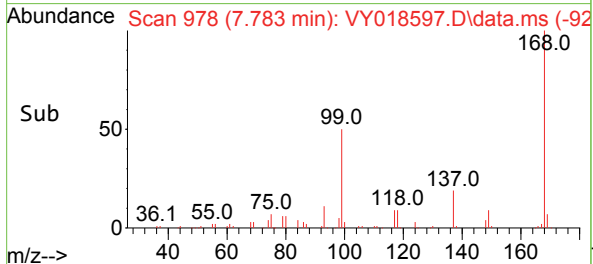
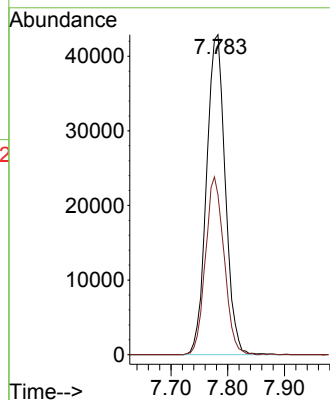
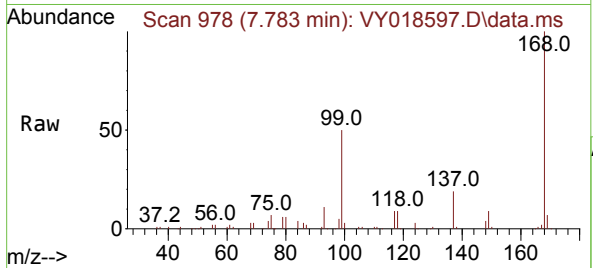




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

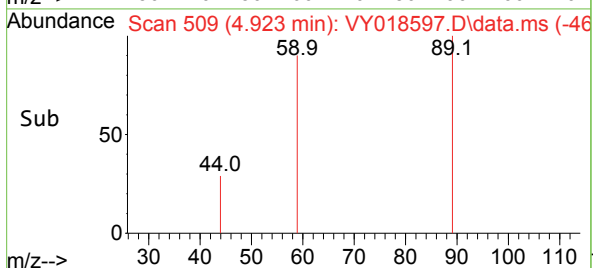
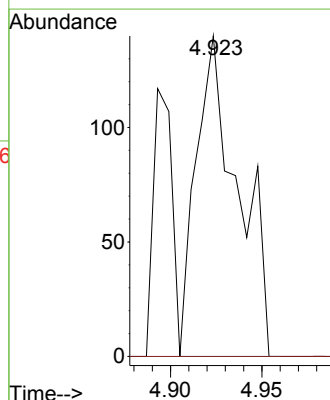
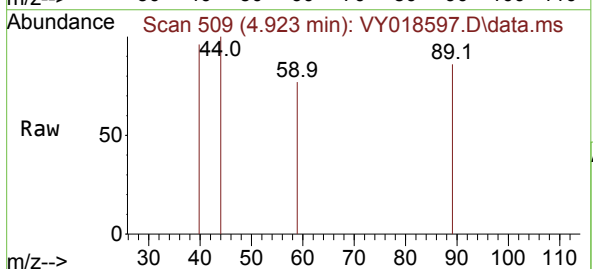
Instrument :
MSVOA_Y
ClientSampleId :

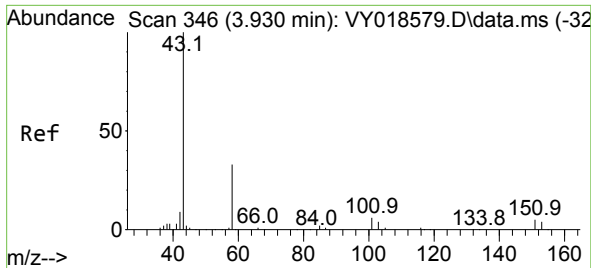
Tgt Ion:168 Resp: 98283
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.253 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.013 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

Tgt Ion: 59 Resp: 223
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 6.994 ug/l

RT: 3.936 min Scan# 346

Delta R.T. 0.006 min

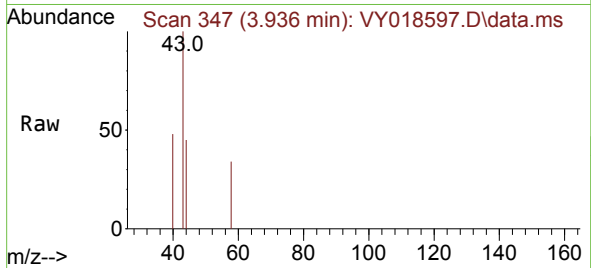
Lab File: VY018597.D

Acq: 14 Jun 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

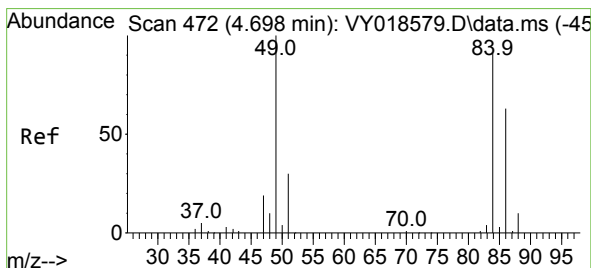
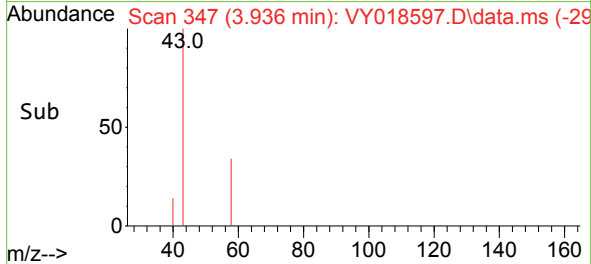
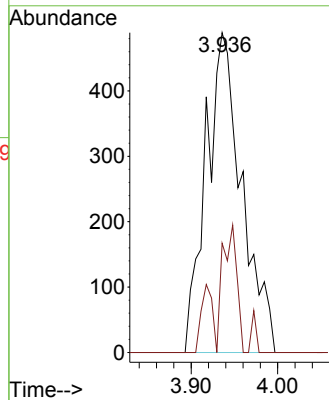


Tgt Ion: 43 Resp: 1408

Ion Ratio Lower Upper

43 100

58 34.2 31.7 47.5



#20

Methylene Chloride

Concen: 5.867 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY018597.D

Acq: 14 Jun 2024 16:09

Tgt Ion: 84 Resp: 17091

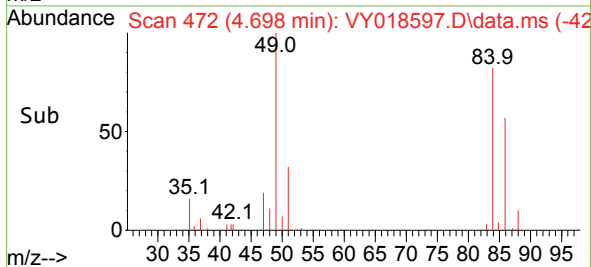
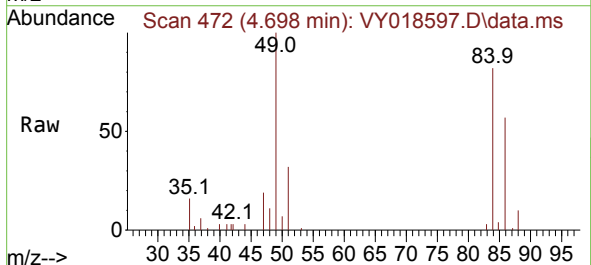
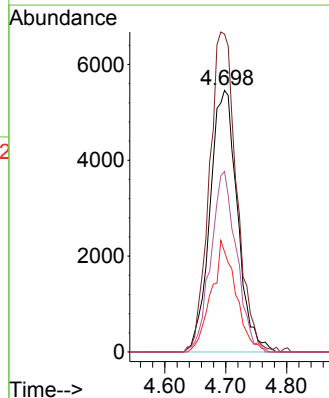
Ion Ratio Lower Upper

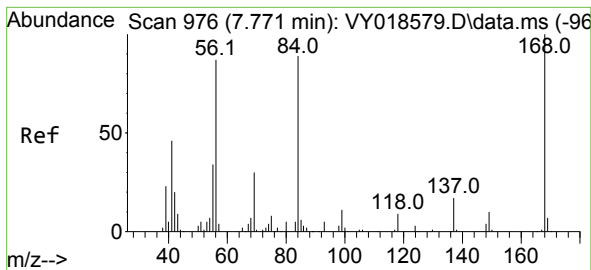
84 100

49 121.5 84.4 126.6

51 38.3 26.0 39.0

86 68.9 49.5 74.3





#31

Cyclohexane

Concen: 1.527 ug/l

RT: 7.777 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY018597.D

Acq: 14 Jun 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

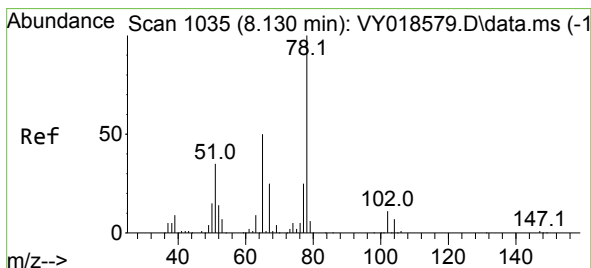
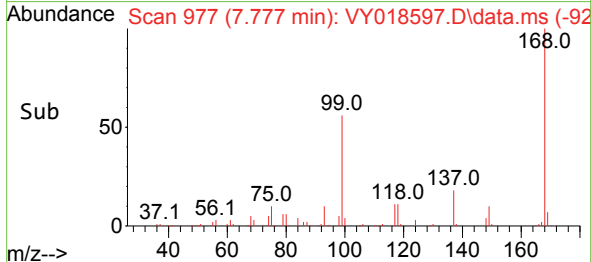
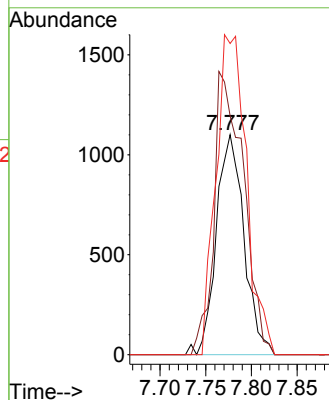
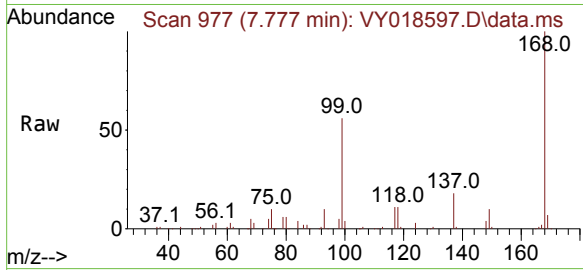
Tgt Ion: 56 Resp: 2314

Ion Ratio Lower Upper

56 100

69 108.4 28.7 43.1#

84 141.4 77.7 116.5#



#33

1,2-Dichloroethane-d4

Concen: 57.898 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018597.D

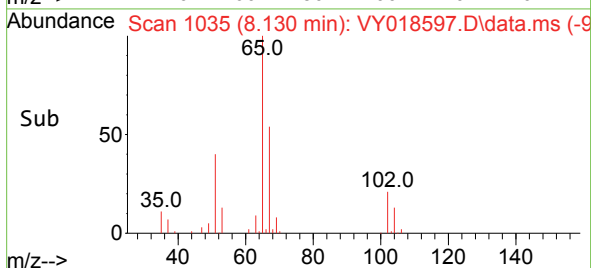
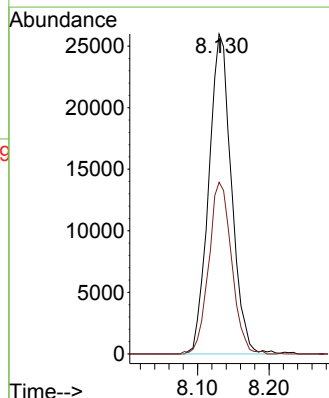
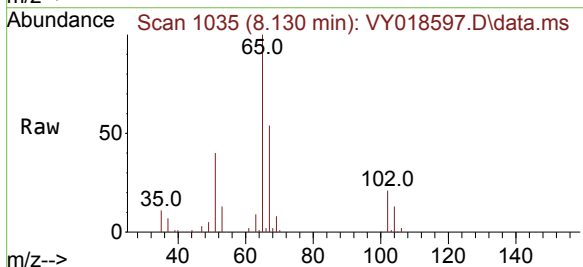
Acq: 14 Jun 2024 16:09

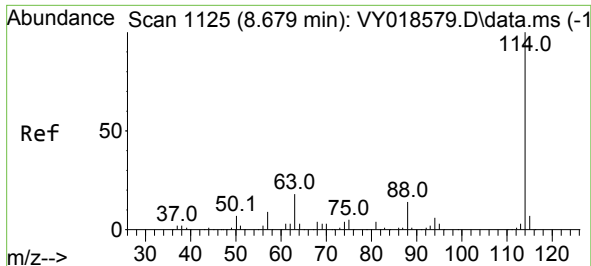
Tgt Ion: 65 Resp: 57290

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018597.D

Acq: 14 Jun 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

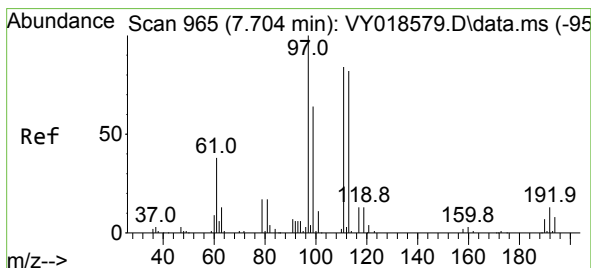
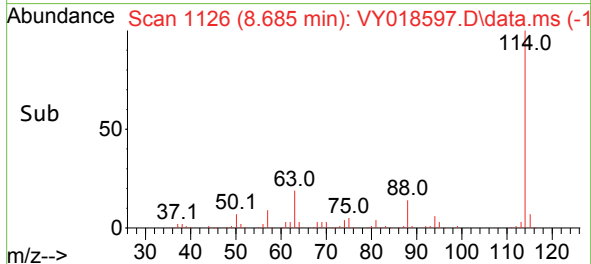
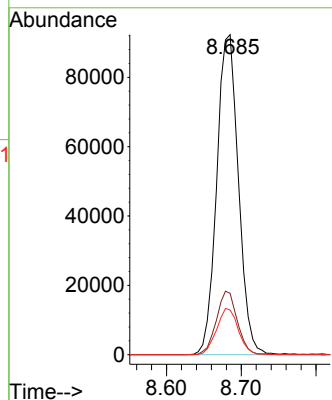
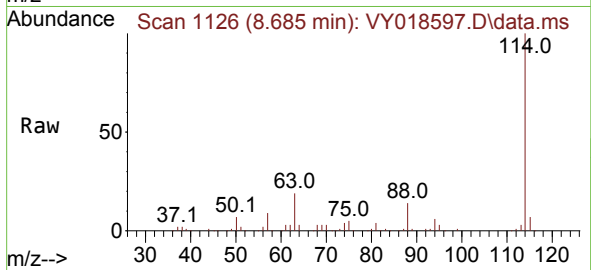
Tgt Ion:114 Resp: 186038

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.426 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018597.D

Acq: 14 Jun 2024 16:09

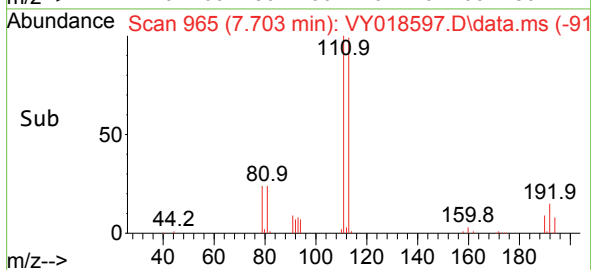
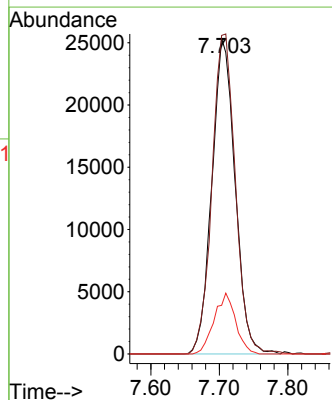
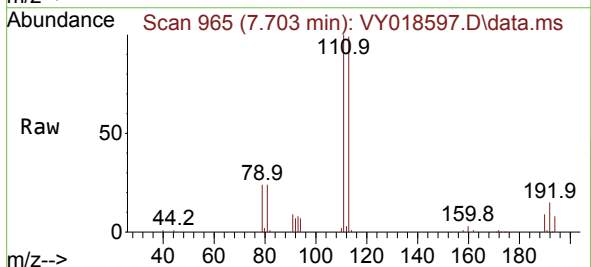
Tgt Ion:113 Resp: 59497

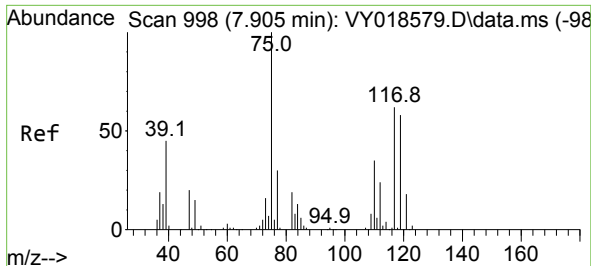
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 17.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.171 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.128 min

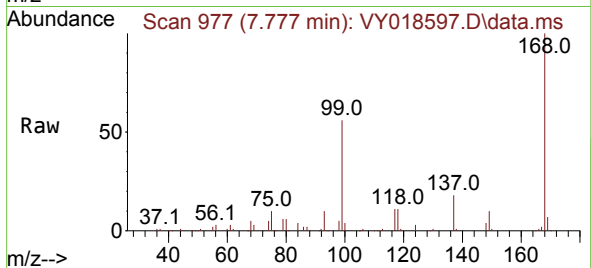
Lab File: VY018597.D

Acq: 14 Jun 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :



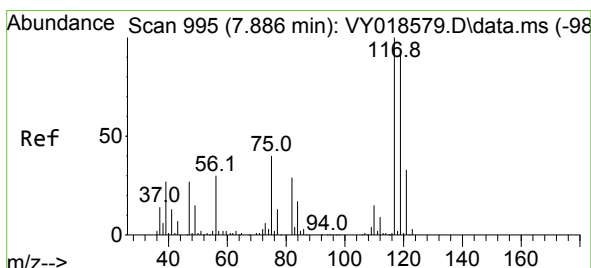
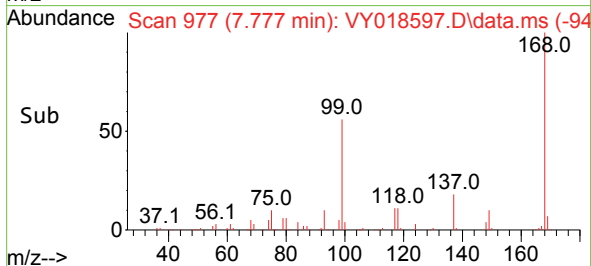
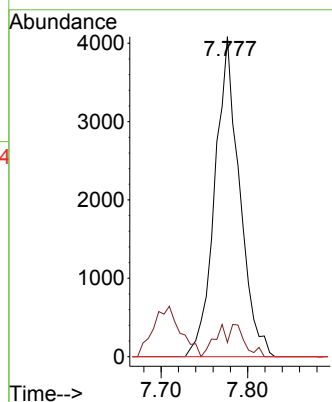
Tgt Ion: 75 Resp: 8078

Ion Ratio Lower Upper

75 100

110 5.8 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.105 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.110 min

Lab File: VY018597.D

Acq: 14 Jun 2024 16:09

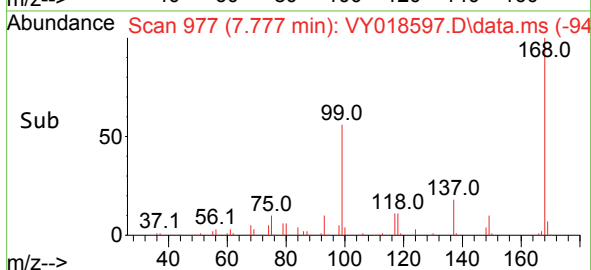
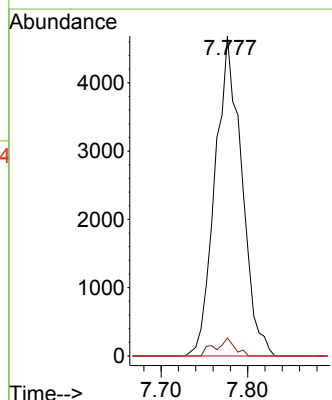
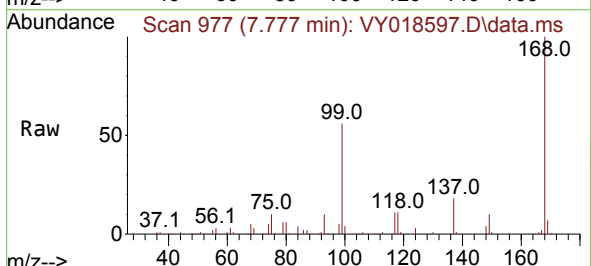
Tgt Ion: 117 Resp: 10005

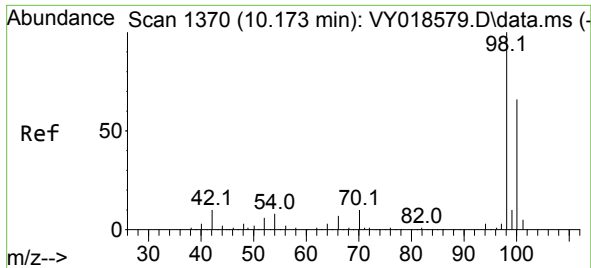
Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.6#

121 0.0 24.0 36.0#

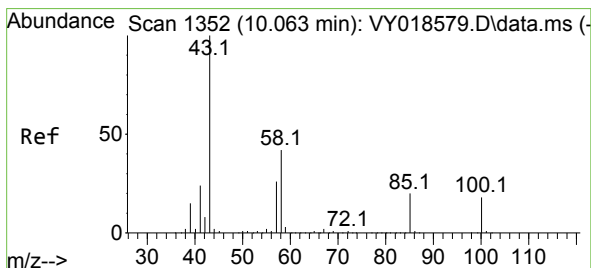
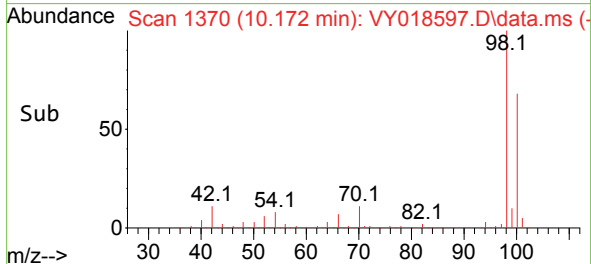
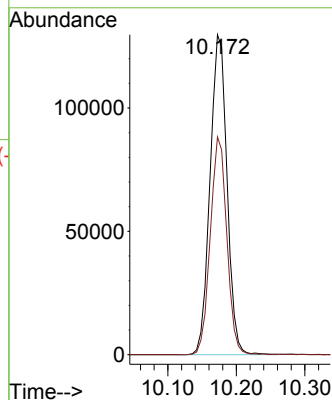
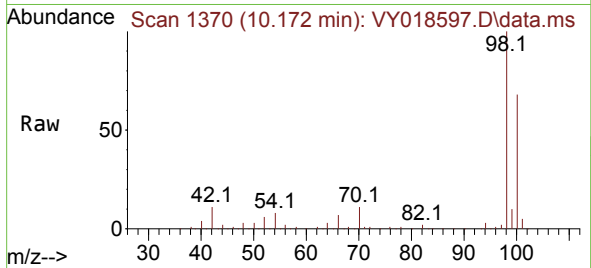




#50
Toluene-d8
Concen: 51.144 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

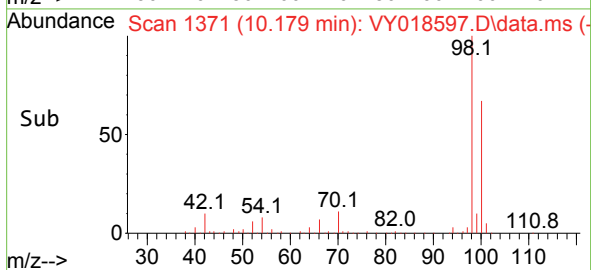
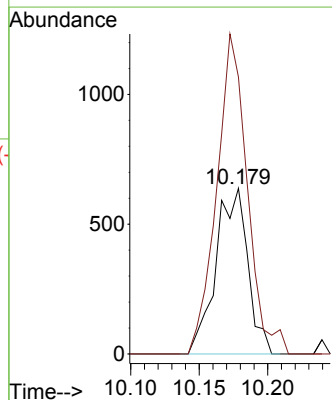
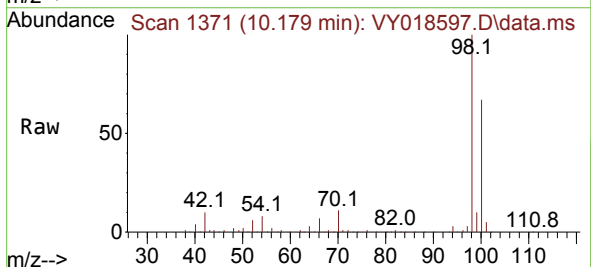
Instrument :
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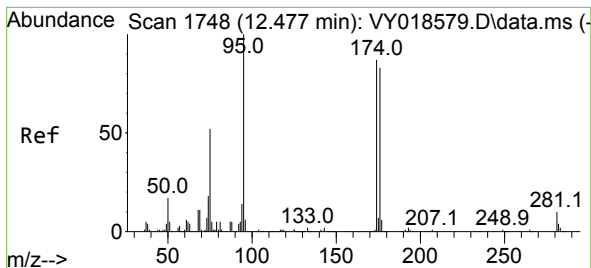
Tgt Ion: 98 Resp: 223207
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.425 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.116 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 185.9 35.7 53.5#

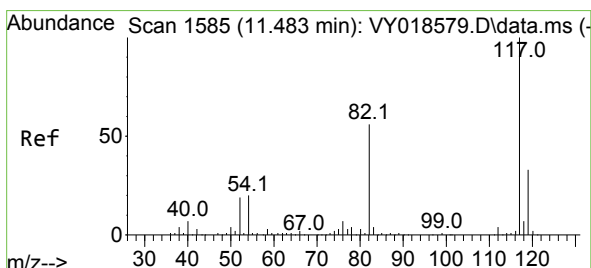
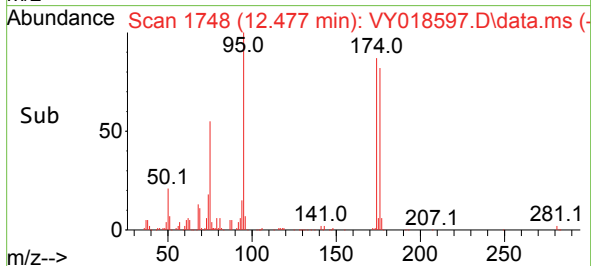
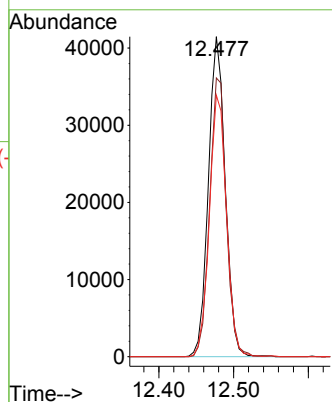
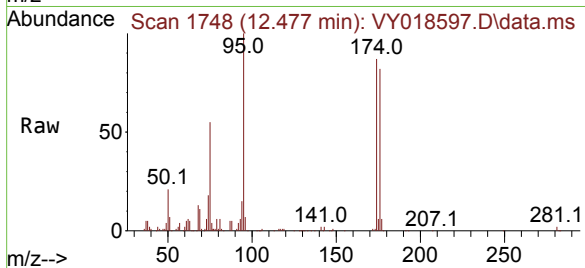




#62
4-Bromofluorobenzene
Concen: 47.156 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

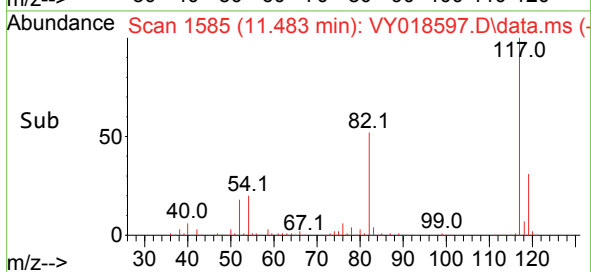
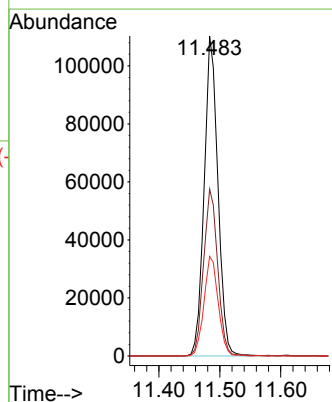
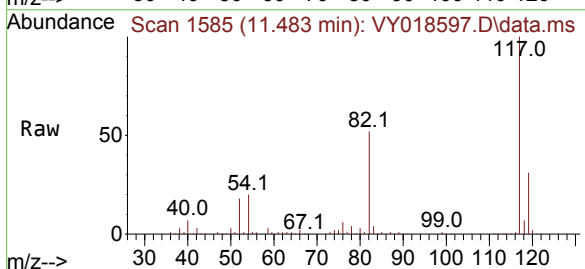
Instrument :
MSVOA_Y
ClientSampleId :

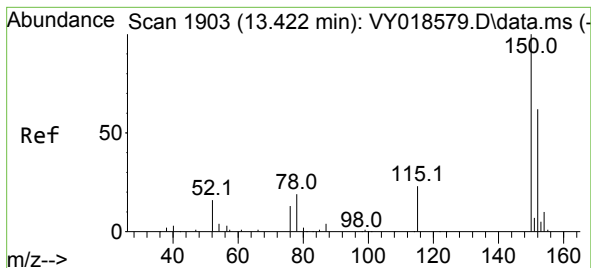
Tgt Ion: 95 Resp: 64986
Ion Ratio Lower Upper
95 100
174 86.1 0.0 175.6
176 82.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

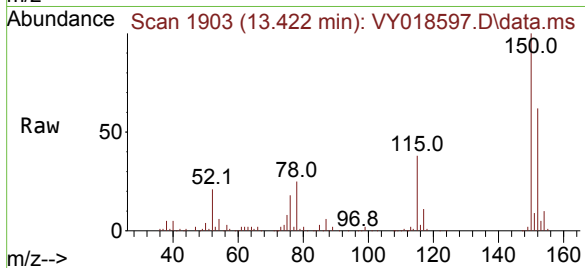
Tgt Ion: 117 Resp: 172908
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 31.1 25.9 38.9



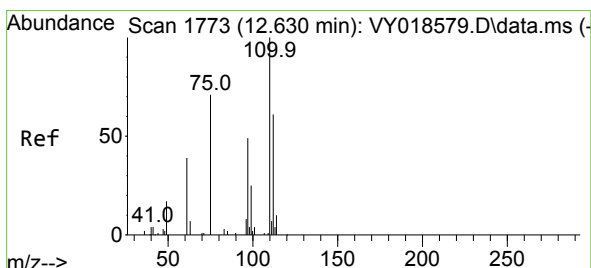
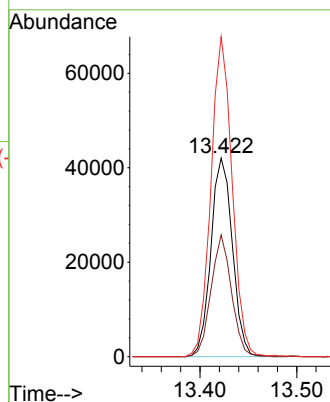
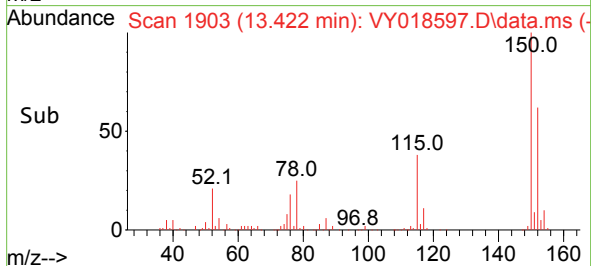


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :

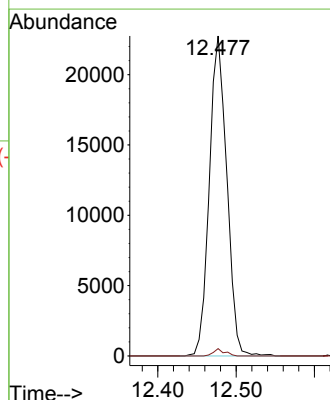
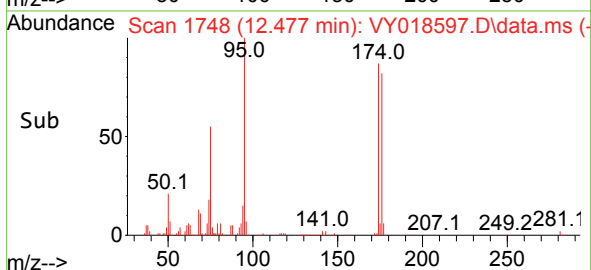
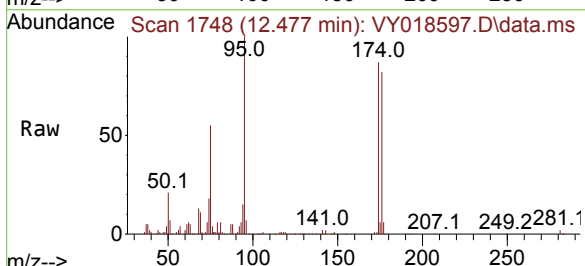


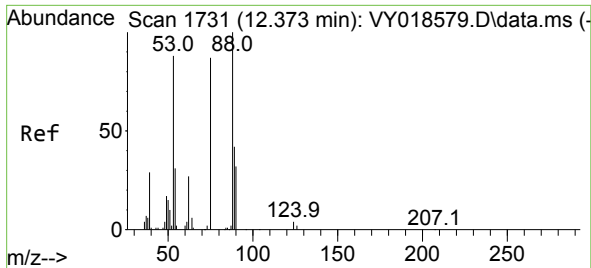
Tgt Ion:152 Resp: 64946
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 159.1 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 57.825 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

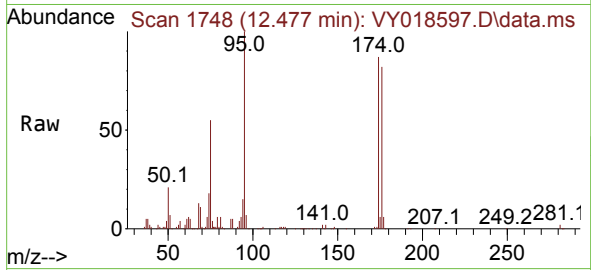
Tgt Ion: 75 Resp: 35228
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 151.464 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 35228
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

