

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019601.D
 Acq On : 18 Sep 2024 13:24
 Operator : SY/MD
 Sample : P4086-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 01:24:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

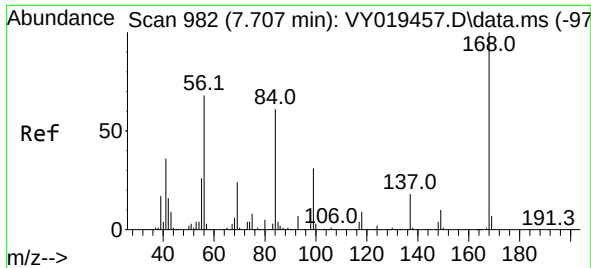
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	324428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	624868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	549976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	204111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	199680	66.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.940%	
35) Dibromofluoromethane	7.634	113	197614	55.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.560%	
50) Toluene-d8	10.109	98	741577	56.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.180%	
62) 4-Bromofluorobenzene	12.408	95	236025	46.842	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.680%	
Target Compounds						
2) Dichlorodifluoromethane	1.861	85	225	Below Cal	#	Qvalue 43
11) Tert butyl alcohol	4.848	59	1001	4.126	ug/l	# 95
13) Acrolein	3.647	56	25	Below Cal	#	1
16) Acetone	3.885	43	10423	14.564	ug/l	# 80
20) Methylene Chloride	4.616	84	8442	2.586	ug/l	# 88
25) 2-Butanone	6.896	43	5087	4.998	ug/l	# 65
31) Cyclohexane	7.701	56	8396	1.562	ug/l	# 8
36) 1,1-Dichloropropene	7.701	75	28316	5.874	ug/l	# 49
37) Ethyl Acetate	6.896	43	5087	2.059	ug/l	# 68
38) Carbon Tetrachloride	7.707	117	35240	6.482	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	126232	65.982	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	126232	126.667	ug/l	# 16

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

Quant Time: Sep 19 01:24:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

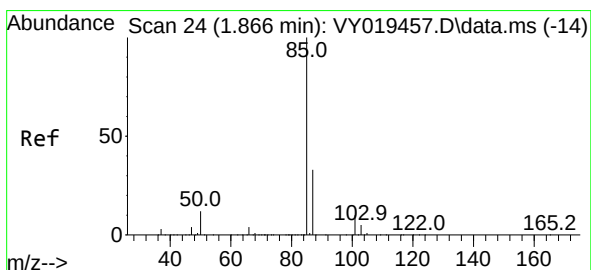
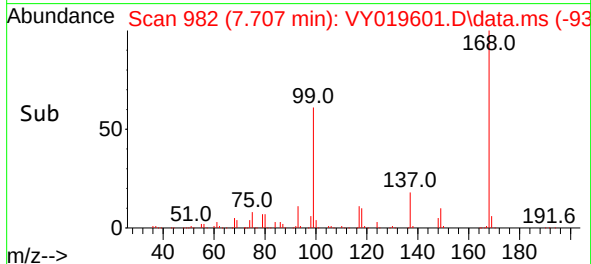
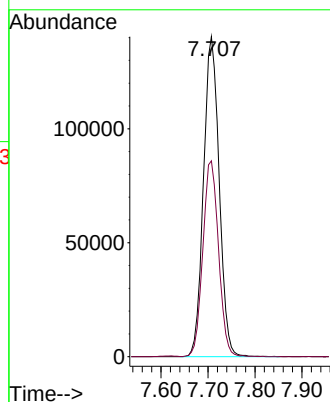
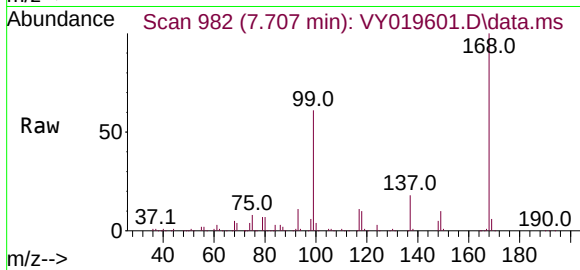




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

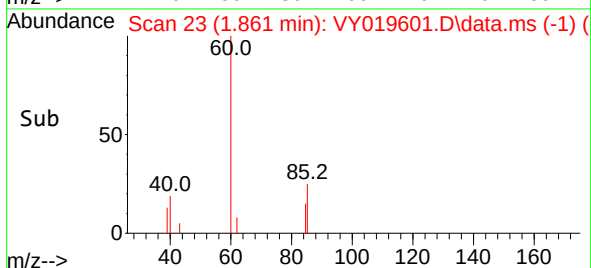
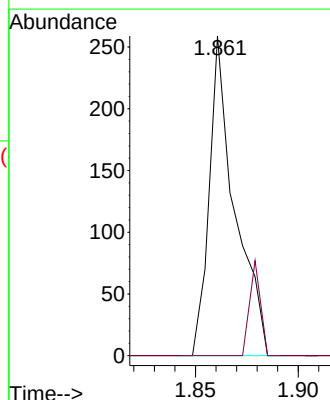
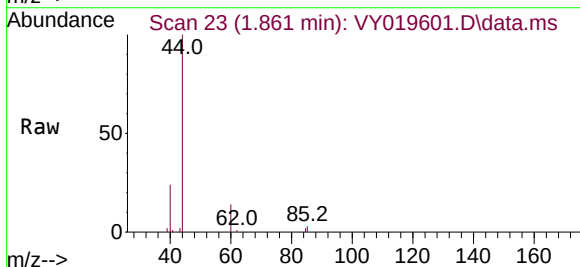
Instrument :
MSVOA_Y
ClientSampleId :

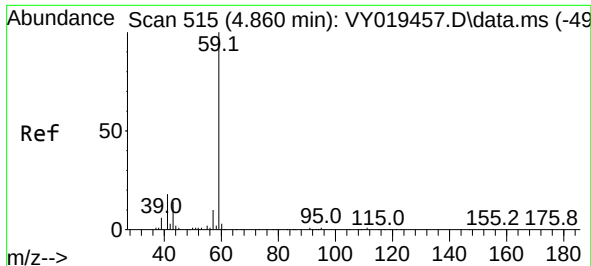
Tgt Ion:168 Resp: 324428
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

Tgt Ion: 85 Resp: 225
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

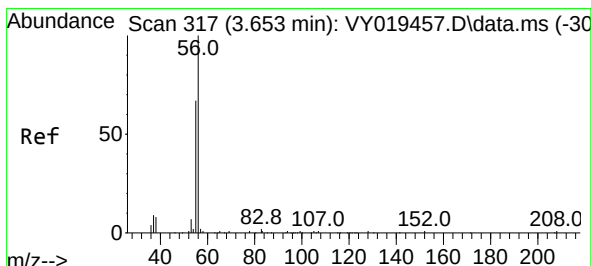
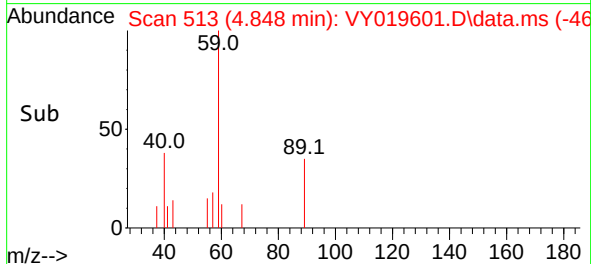
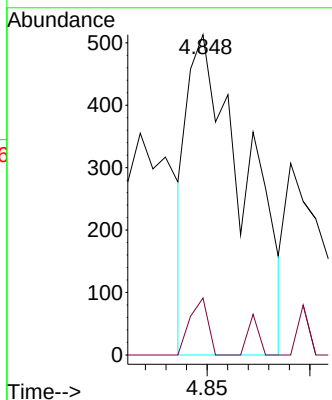
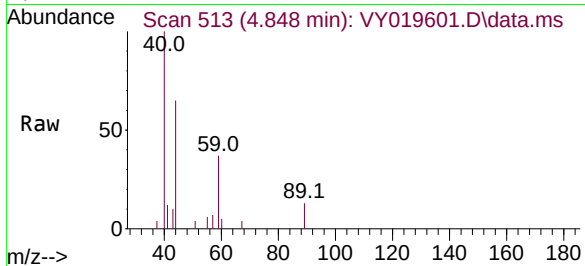




#11
Tert butyl alcohol
Concen: 4.126 ug/l
RT: 4.848 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

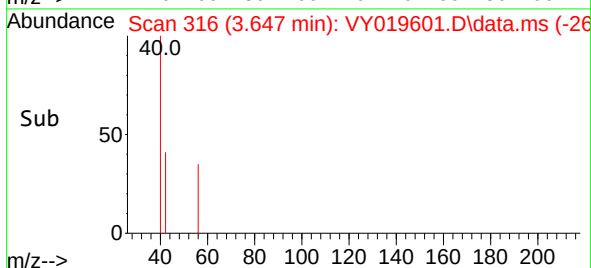
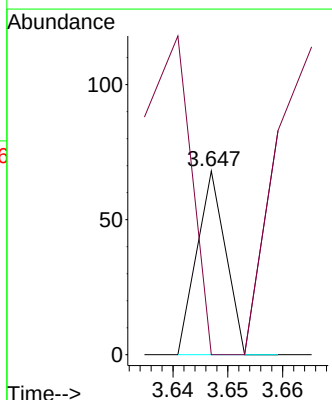
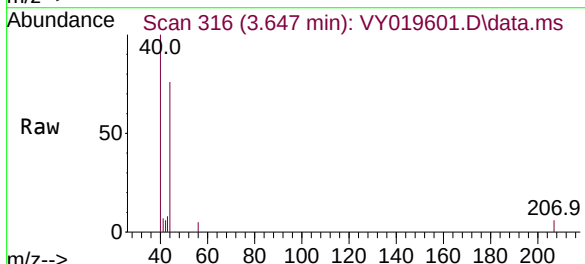
Instrument :
MSVOA_Y
ClientSampleId :

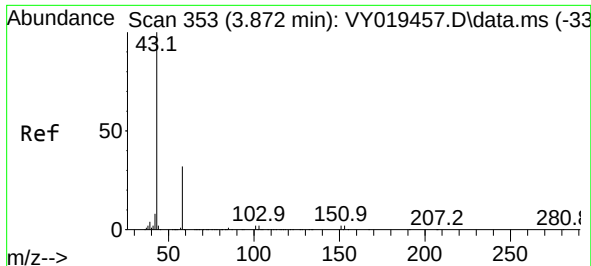
Tgt Ion: 59 Resp: 1001
Ion Ratio Lower Upper
59 100
57 5.6 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.647 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 564.0 55.7 83.5#

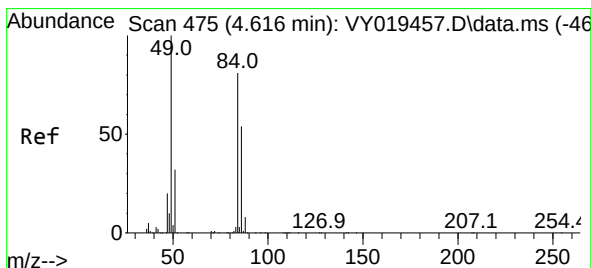
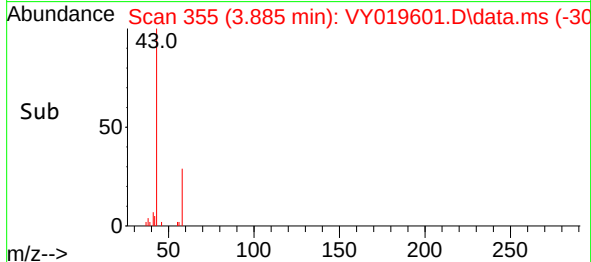
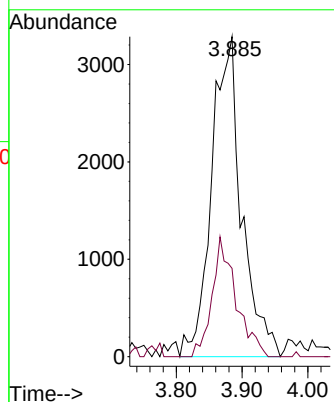
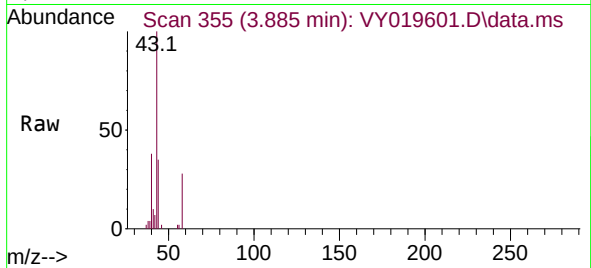




#16
Acetone
Concen: 14.564 ug/l
RT: 3.885 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

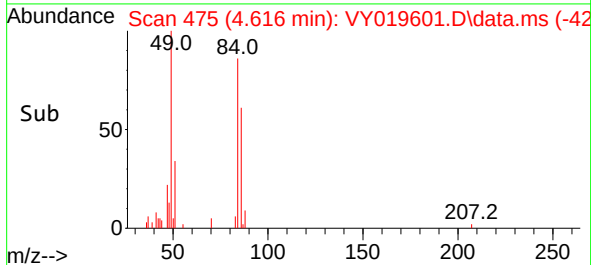
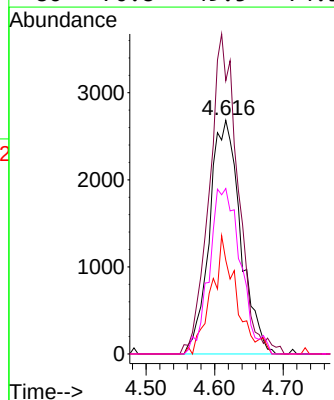
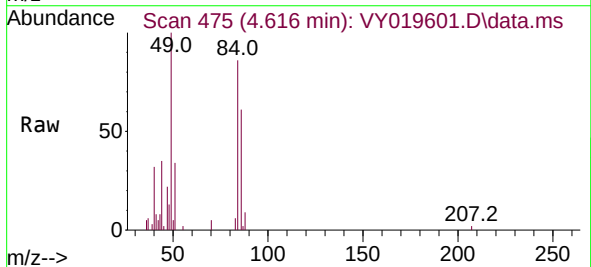
Instrument :
MSVOA_Y
ClientSampleId :

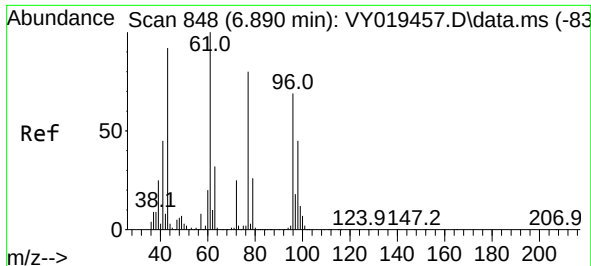
Tgt Ion: 43 Resp: 10423
Ion Ratio Lower Upper
43 100
58 27.6 31.7 47.5#



#20
Methylene Chloride
Concen: 2.586 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

Tgt Ion: 84 Resp: 8442
Ion Ratio Lower Upper
84 100
49 117.0 84.4 126.6
51 40.1 26.0 39.0#
86 70.8 49.5 74.3

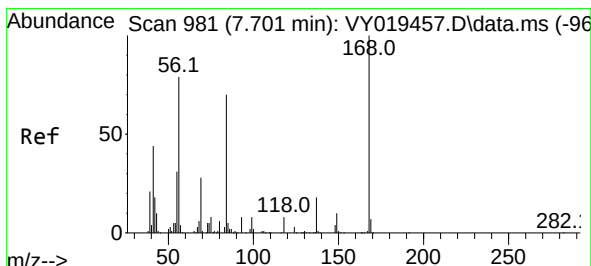
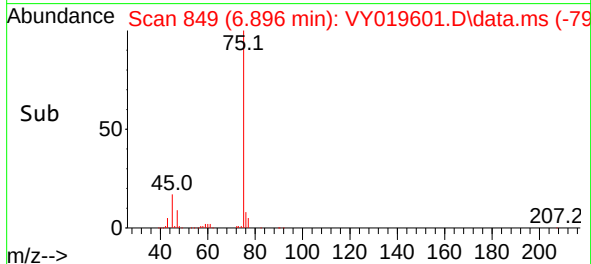
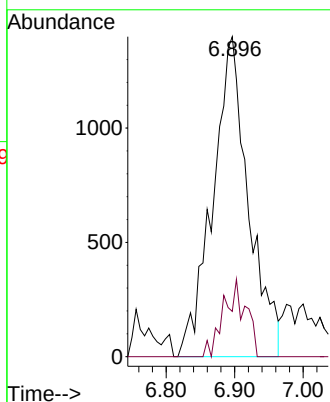
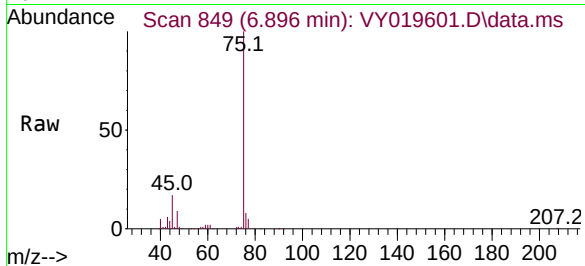




#25
2-Butanone
Concen: 4.998 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

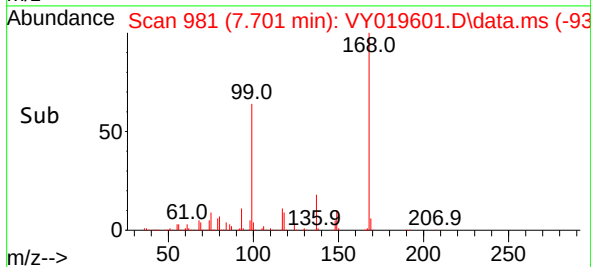
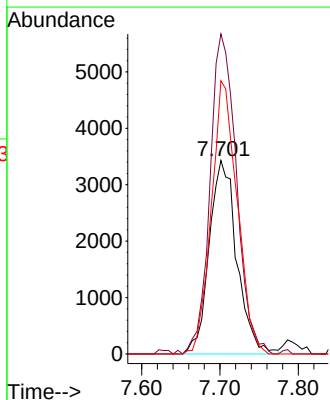
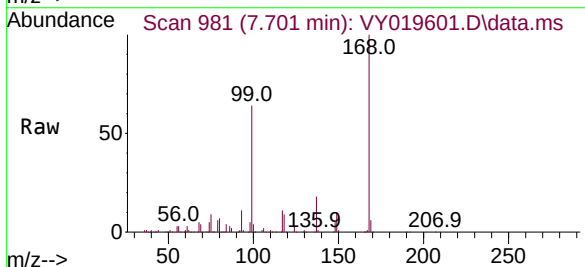
Instrument :
MSVOA_Y
ClientSampleId :

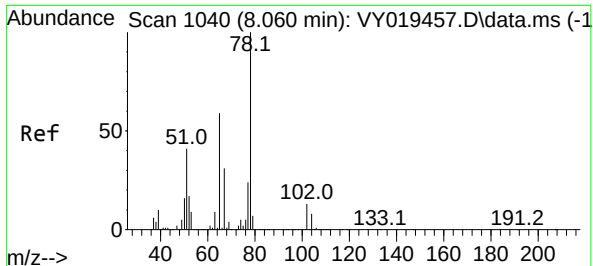
Tgt Ion: 43 Resp: 5087
Ion Ratio Lower Upper
43 100
72 14.1 27.3 40.9#



#31
Cyclohexane
Concen: 1.562 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

Tgt Ion: 56 Resp: 8396
Ion Ratio Lower Upper
56 100
69 165.4 28.7 43.1#
84 141.3 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 66.468 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019601.D

Acq: 18 Sep 2024 13:24

Instrument :

MSVOA_Y

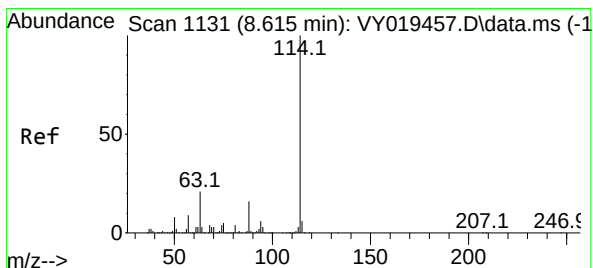
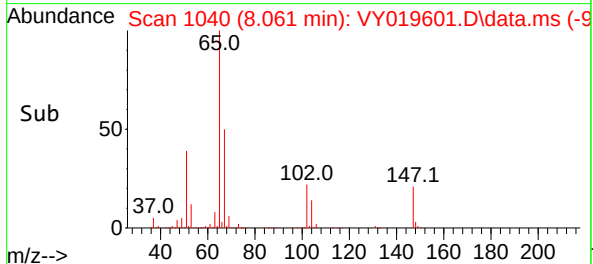
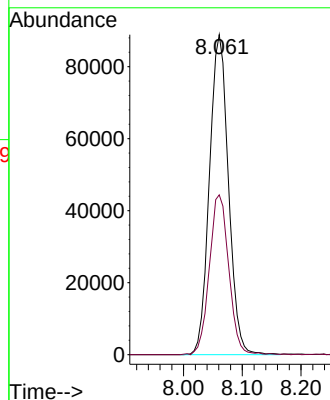
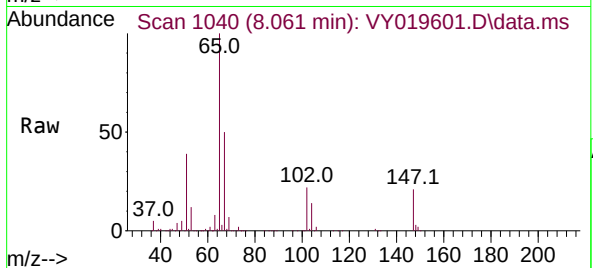
ClientSampleId :

Tgt Ion: 65 Resp: 199680

Ion Ratio Lower Upper

65 100

67 51.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019601.D

Acq: 18 Sep 2024 13:24

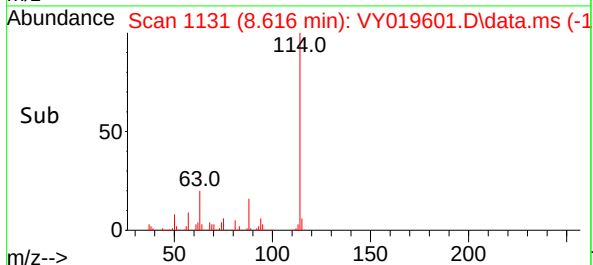
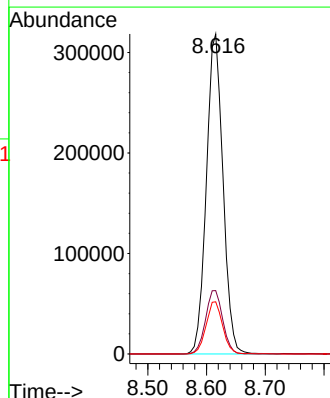
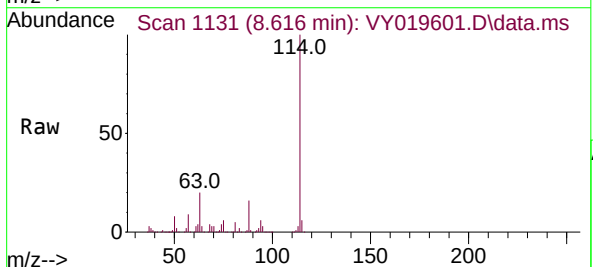
Tgt Ion: 114 Resp: 624868

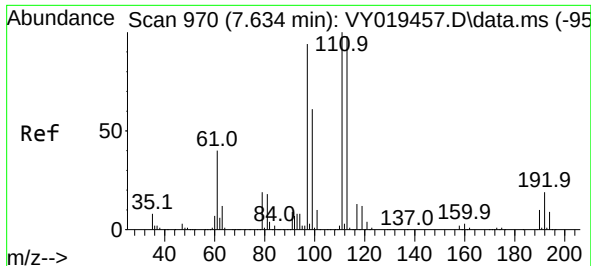
Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.0

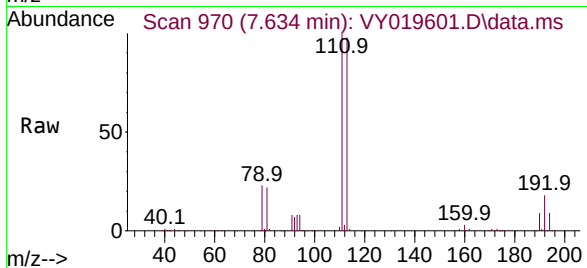
88 16.3 0.0 27.2



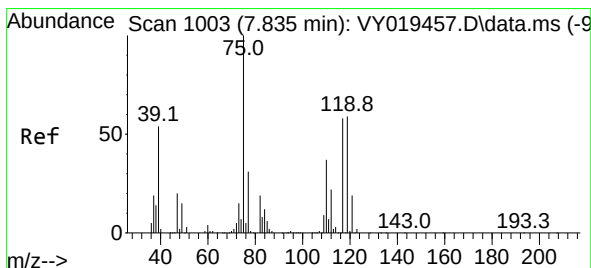
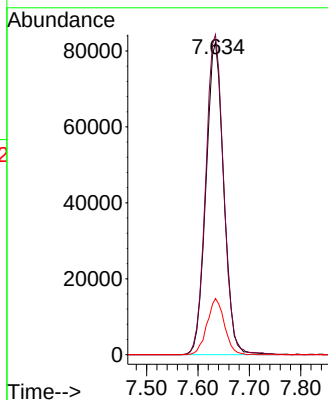
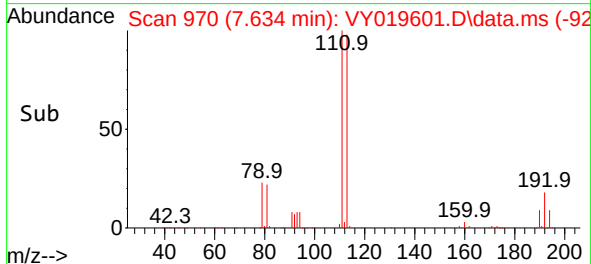


#35
Dibromofluoromethane
Concen: 55.778 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

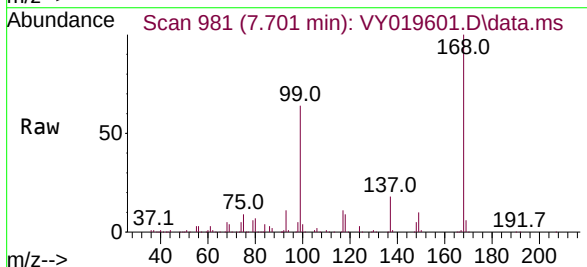
Instrument :
MSVOA_Y
ClientSampleId :



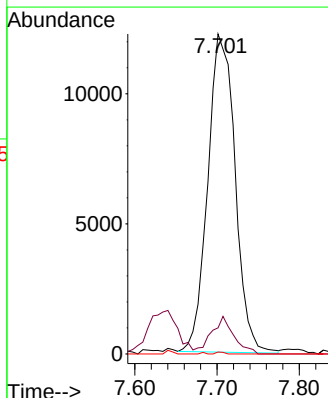
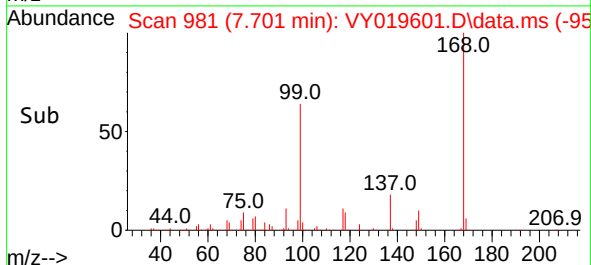
Tgt Ion:113 Resp: 197614
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 17.6 15.9 23.9

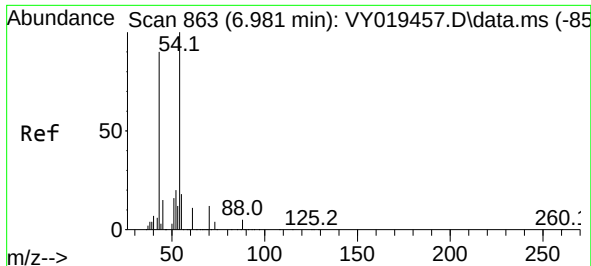


#36
1,1-Dichloropropene
Concen: 5.874 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24



Tgt Ion: 75 Resp: 28316
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.2 25.3 37.9#





#37

Ethyl Acetate

Concen: 2.059 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.085 min

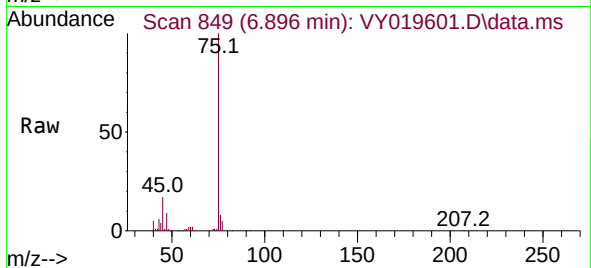
Lab File: VY019601.D

Acq: 18 Sep 2024 13:24

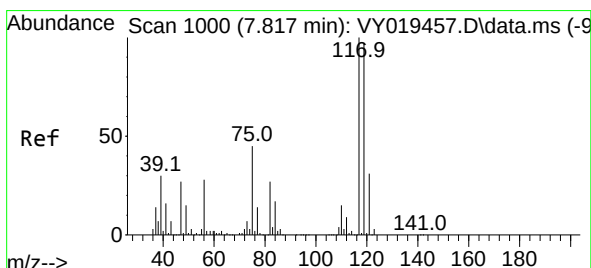
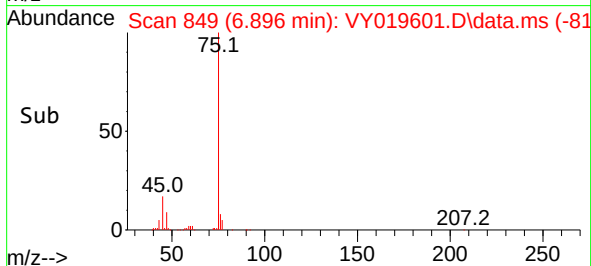
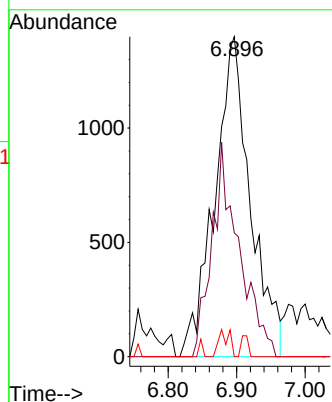
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	5087
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	1.3	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 6.482 ug/l

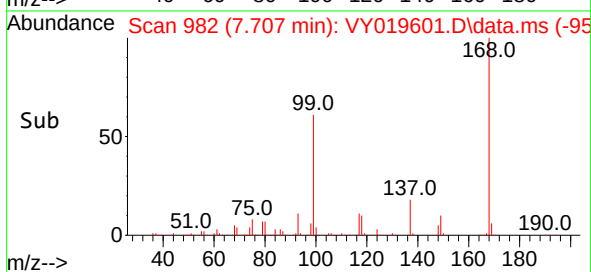
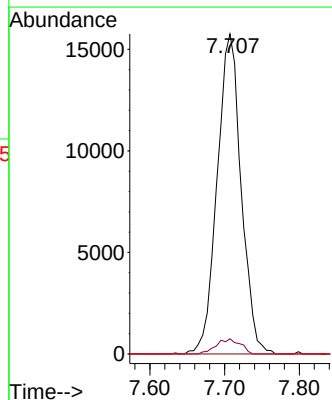
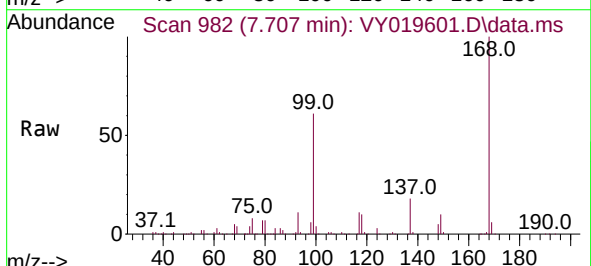
RT: 7.707 min Scan# 982

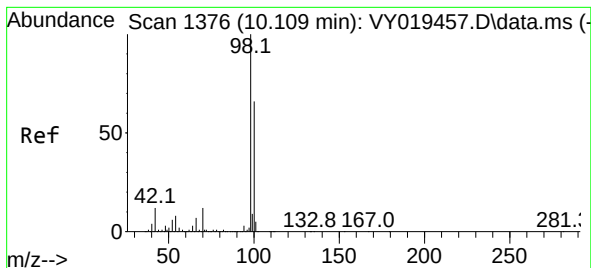
Delta R.T. -0.109 min

Lab File: VY019601.D

Acq: 18 Sep 2024 13:24

Tgt Ion:	117	Resp:	35240
Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.8	113.6#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 56.590 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019601.D

Acq: 18 Sep 2024 13:24

Instrument :

MSVOA_Y

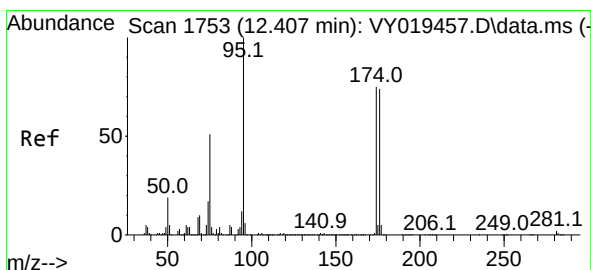
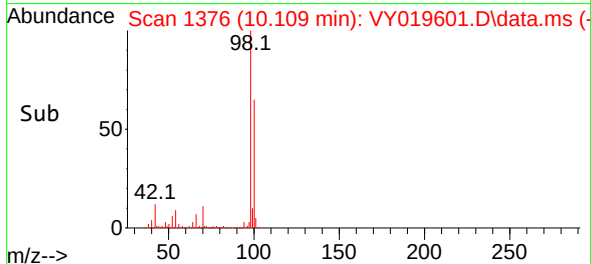
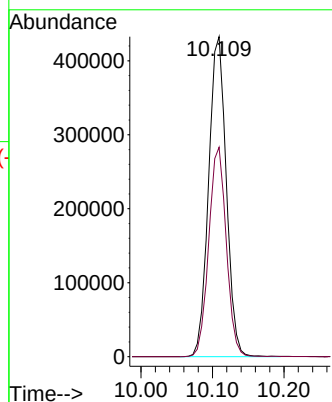
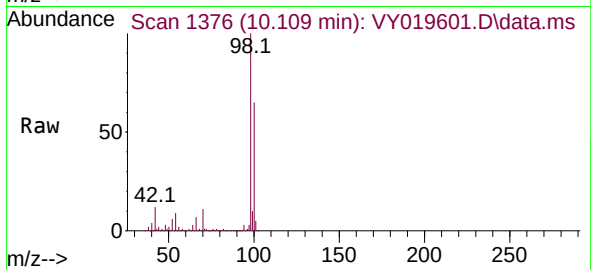
ClientSampleId :

Tgt Ion: 98 Resp: 741577

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.842 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019601.D

Acq: 18 Sep 2024 13:24

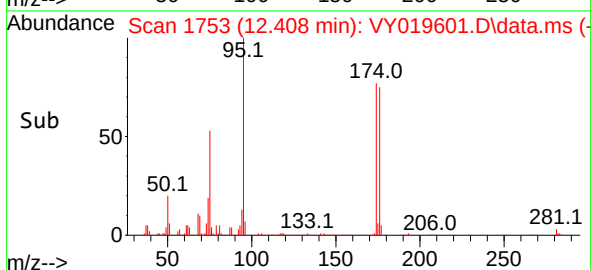
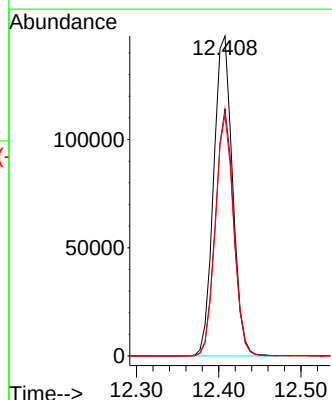
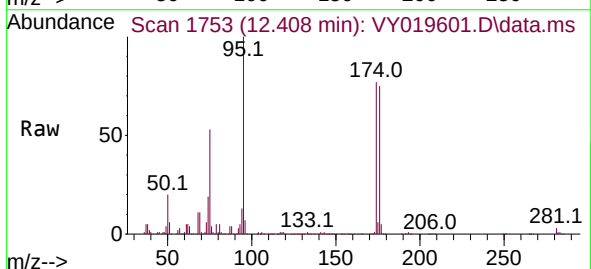
Tgt Ion: 95 Resp: 236025

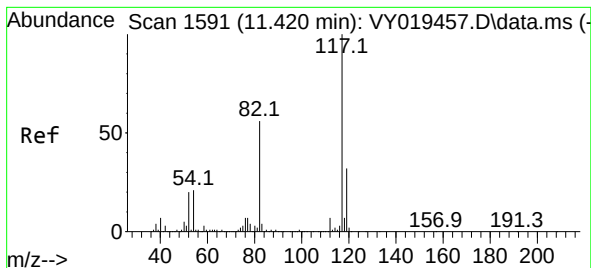
Ion Ratio Lower Upper

95 100

174 74.8 0.0 175.6

176 72.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019601.D

Acq: 18 Sep 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

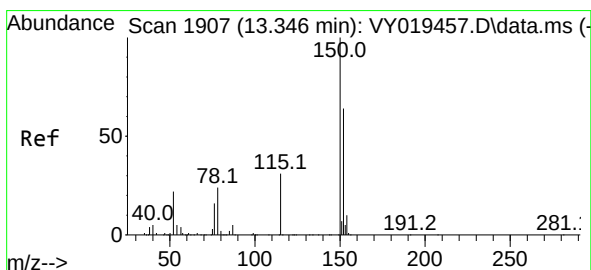
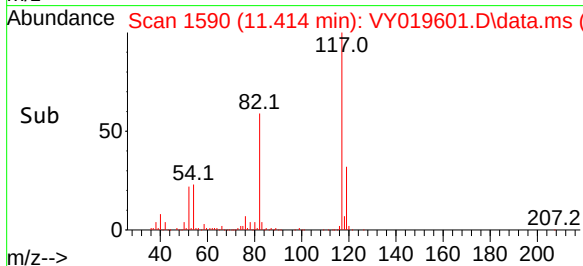
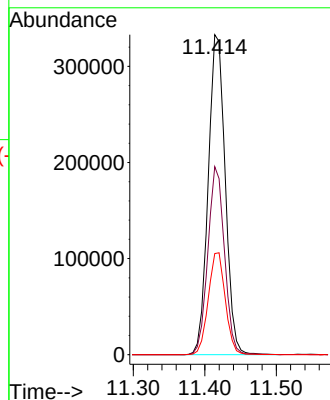
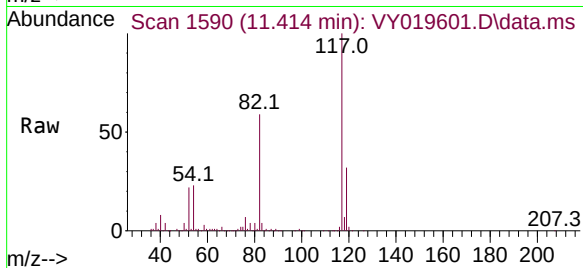
Tgt Ion:117 Resp: 549976

Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019601.D

Acq: 18 Sep 2024 13:24

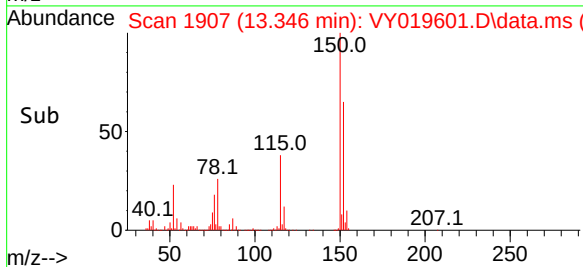
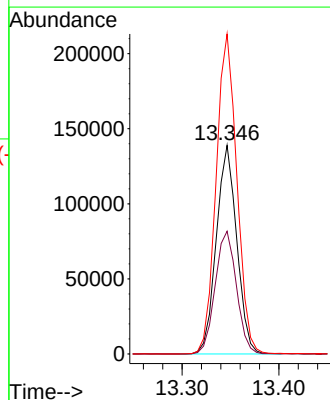
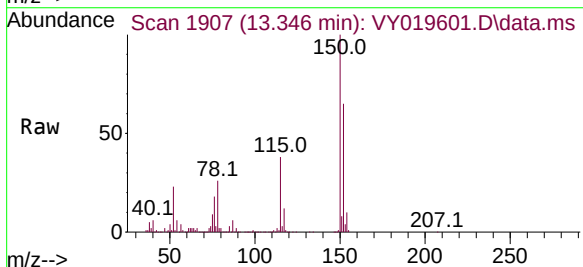
Tgt Ion:152 Resp: 204111

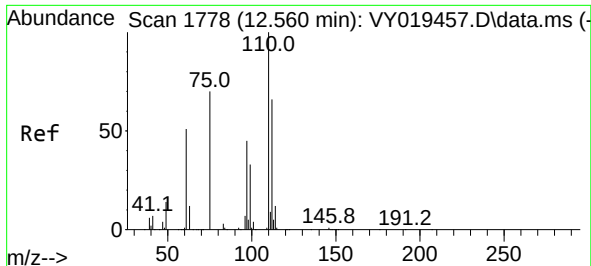
Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 155.5 0.0 345.6

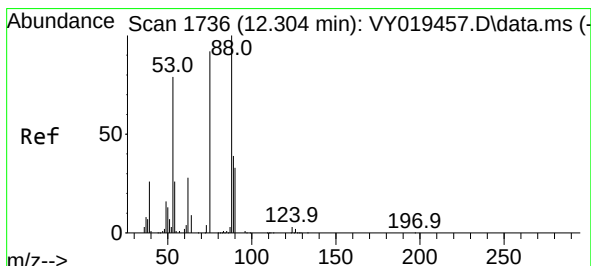
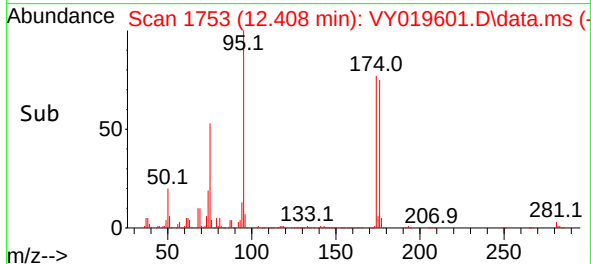
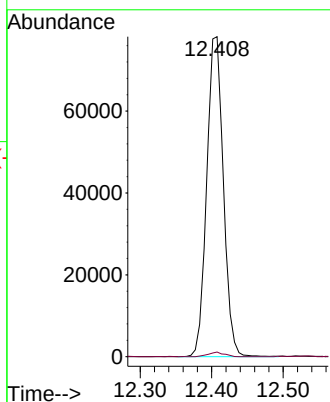
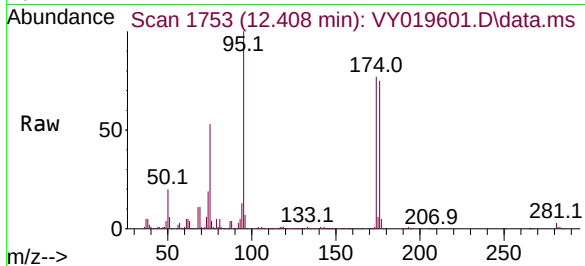




#76
1,2,3-Trichloropropane
Concen: 65.982 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 126232
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.667 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

Tgt Ion: 75 Resp: 126232
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

