

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019231.D
 Acq On : 22 Aug 2024 19:35
 Operator : SY/MD
 Sample : P3694-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

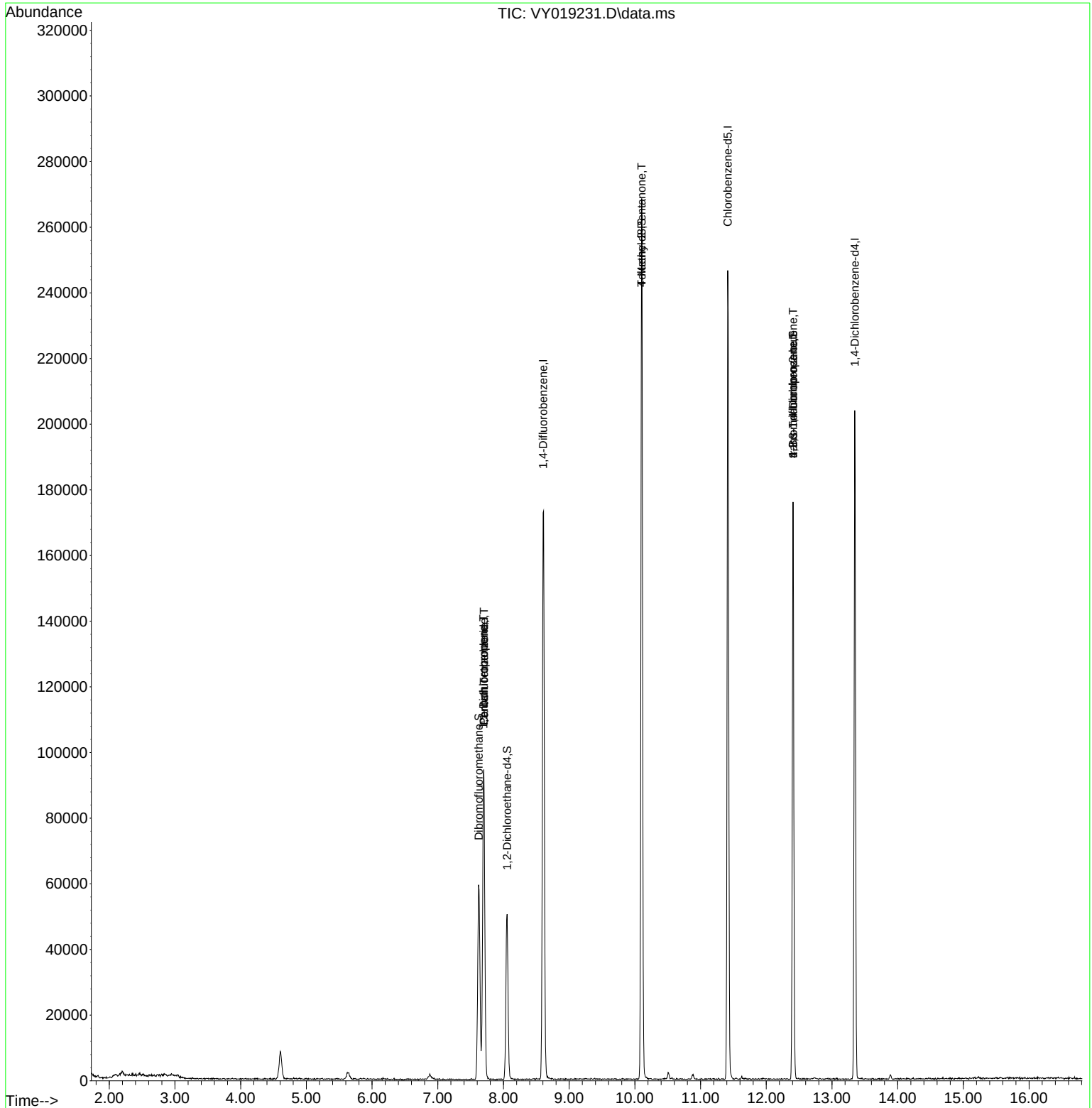
Quant Time: Aug 23 01:57:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

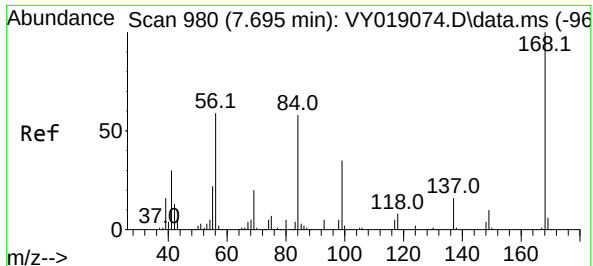
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	75118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	153637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	135975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	50825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	40103	53.258	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.520%			
35) Dibromofluoromethane	7.622	113	42887	42.692	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 85.380%			
50) Toluene-d8	10.103	98	170875	47.267	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.540%			
62) 4-Bromofluorobenzene	12.408	95	51052	41.425	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 82.860%			
Target Compounds						
5) Bromomethane	2.586	94	47	Below Cal	#	3
6) Chloroethane	2.623	64	43	Below Cal	#	42
11) Tert butyl alcohol	4.848	59	97	Below Cal	#	88
20) Methylene Chloride	4.610	84	6189	Below Cal		93
31) Cyclohexane	7.701	56	1434	Below Cal	#	1
36) 1,1-Dichloropropene	7.695	75	5659	4.102	ug/l #	50
38) Carbon Tetrachloride	7.701	117	7679	4.803	ug/l #	19
51) 4-Methyl-2-Pentanone	10.103	43	761	1.160	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	27177	54.221	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	27177	133.908	ug/l #	16

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

Quant Time: Aug 23 01:57:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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Response via : Initial Calibration

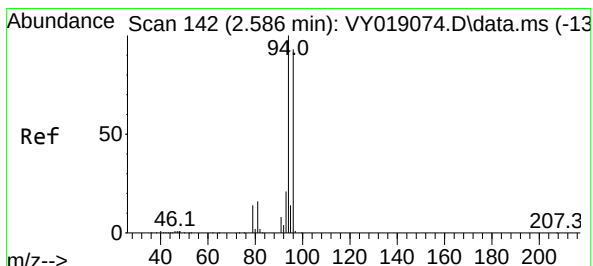
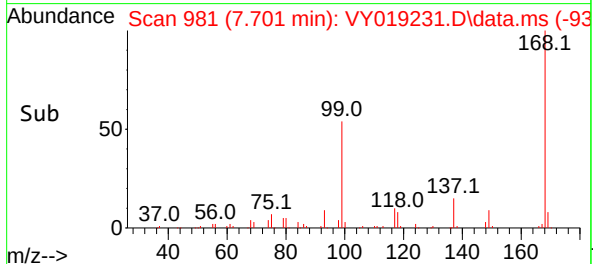
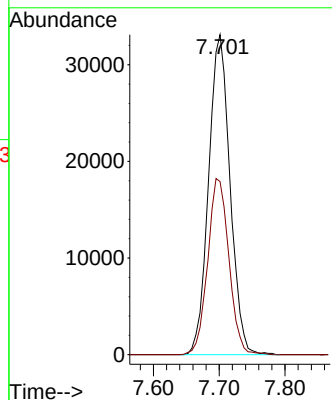
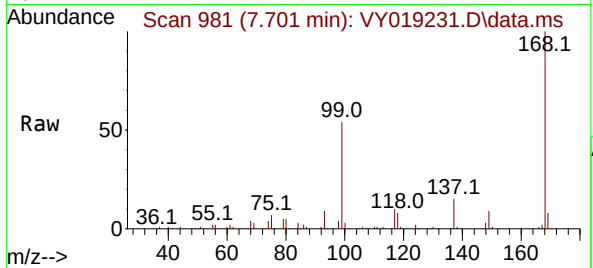




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019231.D
Acq: 22 Aug 2024 19:35

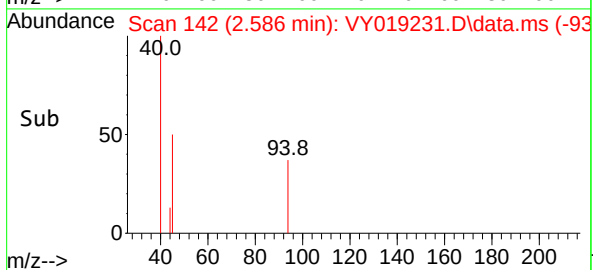
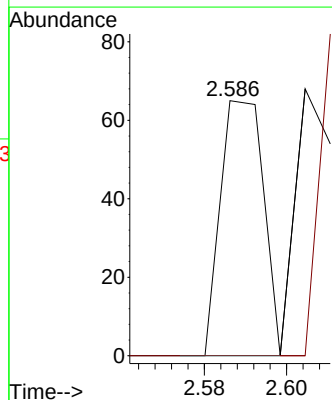
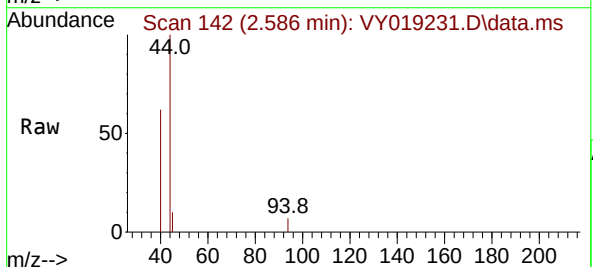
Instrument :
MSVOA_Y
ClientSampleId :

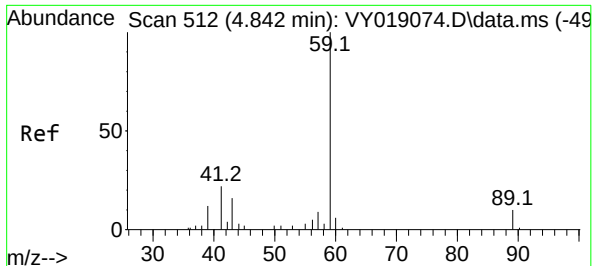
Tgt Ion:168 Resp: 75118
Ion Ratio Lower Upper
168 100
99 54.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019231.D
Acq: 22 Aug 2024 19:35

Tgt Ion: 94 Resp: 47
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#

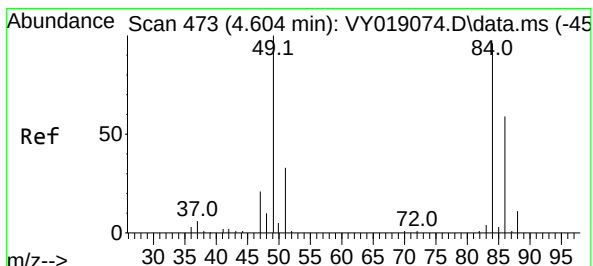
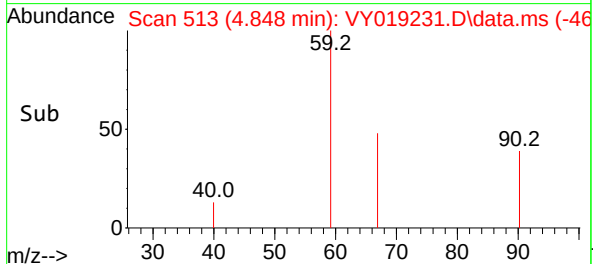
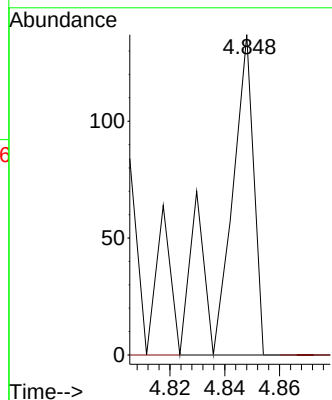
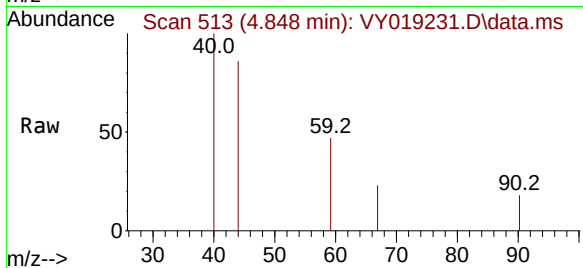




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY019231.D
Acq: 22 Aug 2024 19:35

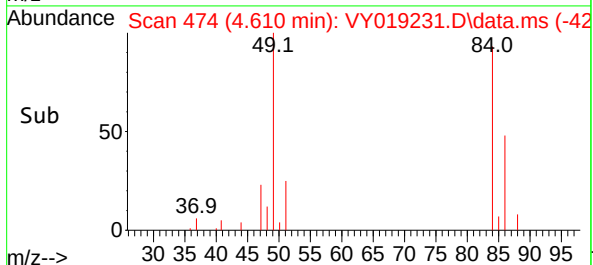
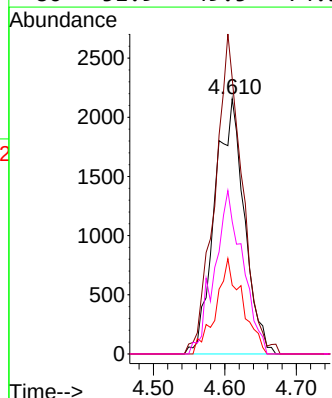
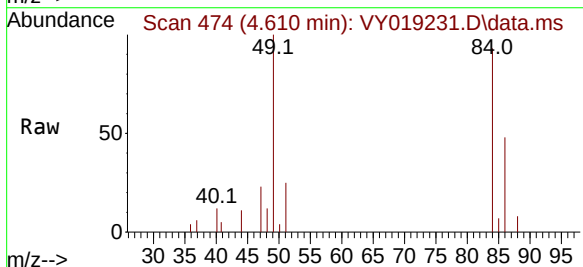
Instrument :
MSVOA_Y
ClientSampleId :

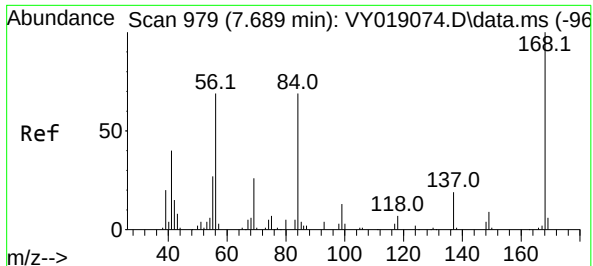
Tgt Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY019231.D
Acq: 22 Aug 2024 19:35

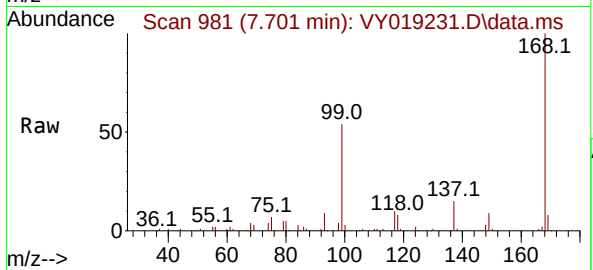
Tgt Ion: 84 Resp: 6189
Ion Ratio Lower Upper
84 100
49 108.0 84.4 126.6
51 26.9 26.0 39.0
86 51.9 49.5 74.3



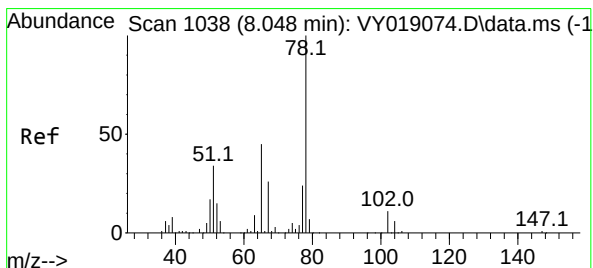
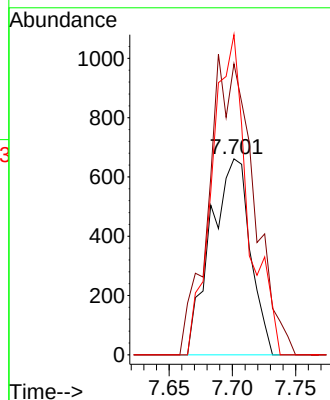
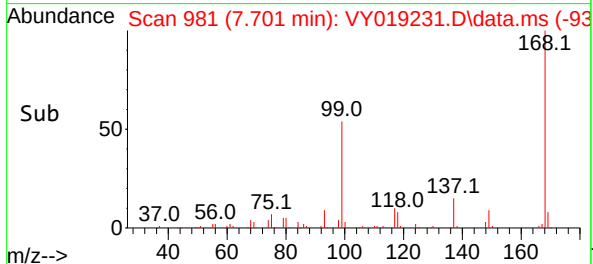


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019231.D
Acq: 22 Aug 2024 19:35

Instrument :
MSVOA_Y
ClientSampleId :

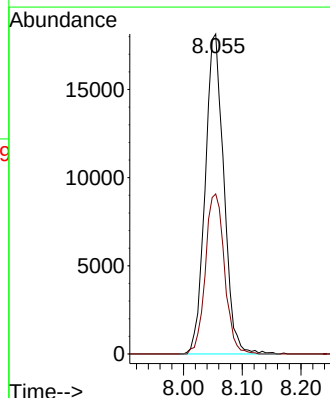
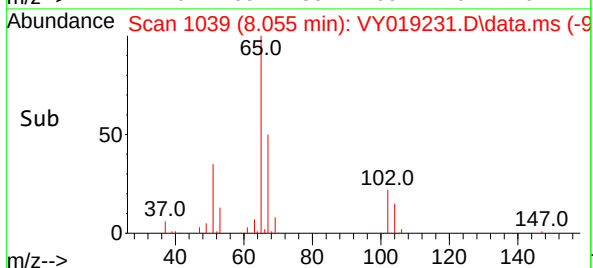
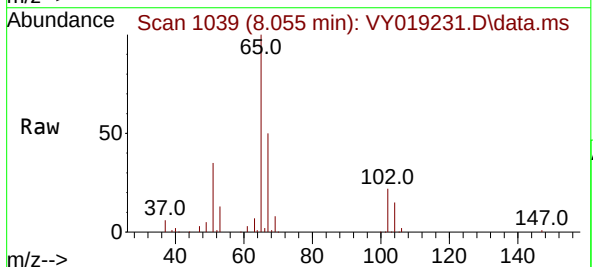


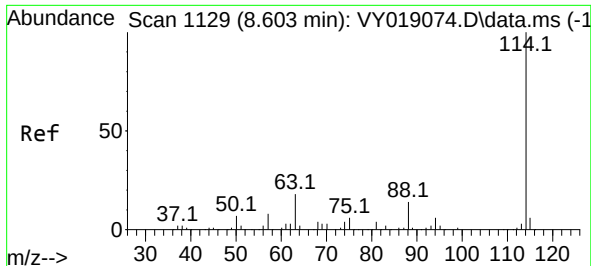
Tgt Ion: 56 Resp: 1434
Ion Ratio Lower Upper
56 100
69 148.6 28.7 43.1#
84 176.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.258 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019231.D
Acq: 22 Aug 2024 19:35

Tgt Ion: 65 Resp: 40103
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6

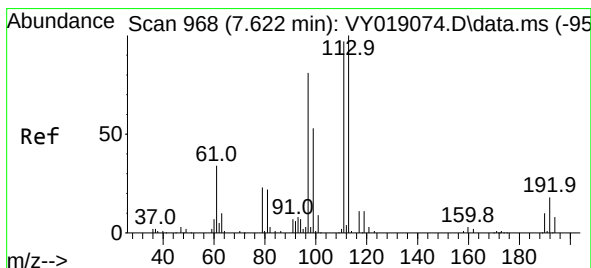
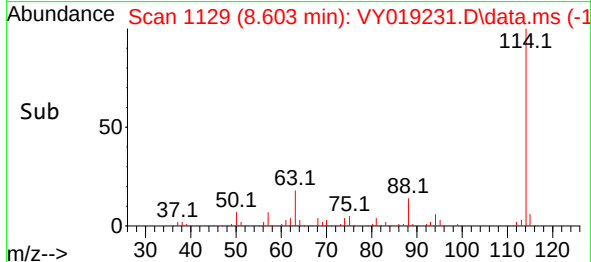
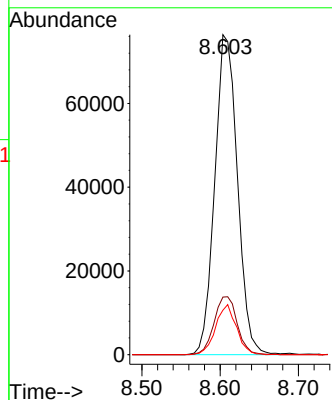
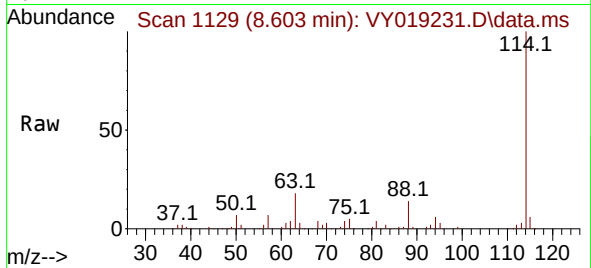




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019231.D
Acq: 22 Aug 2024 19:35

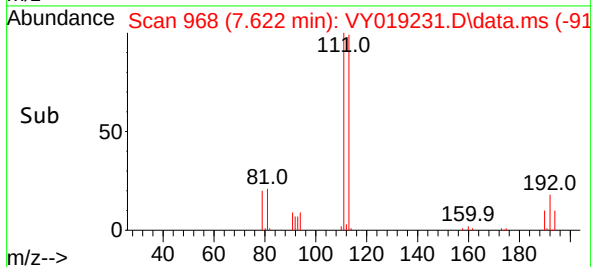
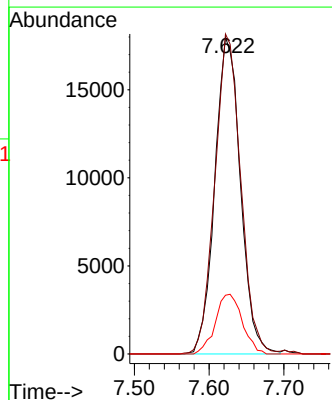
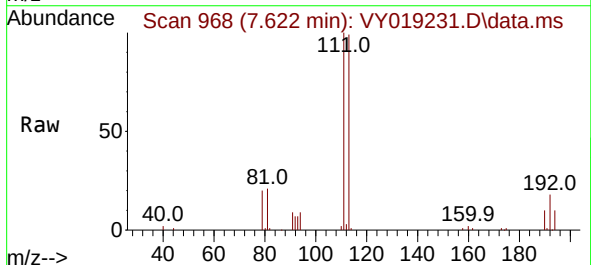
Instrument :
MSVOA_Y
ClientSampleId :

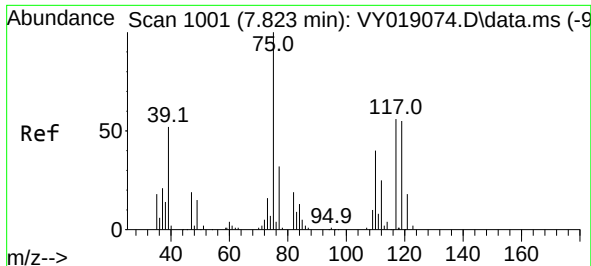
Tgt Ion:114 Resp: 153637
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 42.692 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019231.D
Acq: 22 Aug 2024 19:35

Tgt Ion:113 Resp: 42887
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 19.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.102 ug/l

RT: 7.695 min Scan# 90

Delta R.T. -0.128 min

Lab File: VY019231.D

Acq: 22 Aug 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

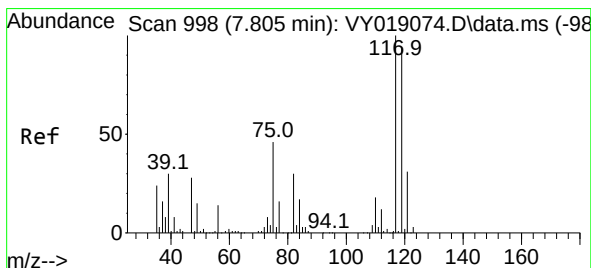
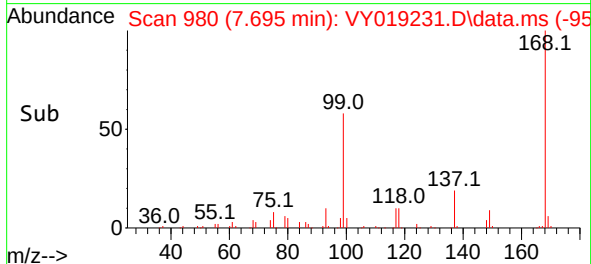
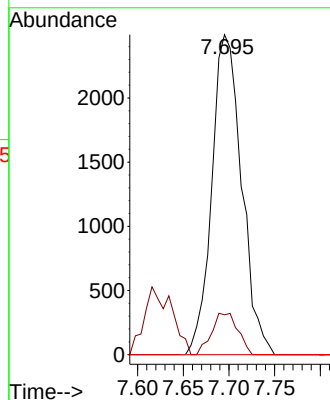
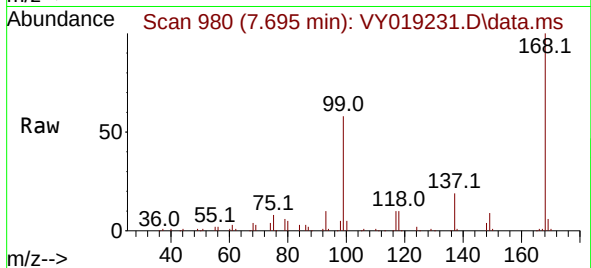
Tgt Ion: 75 Resp: 5659

Ion Ratio Lower Upper

75 100

110 11.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 4.803 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.103 min

Lab File: VY019231.D

Acq: 22 Aug 2024 19:35

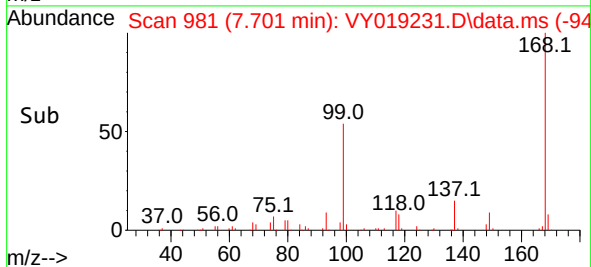
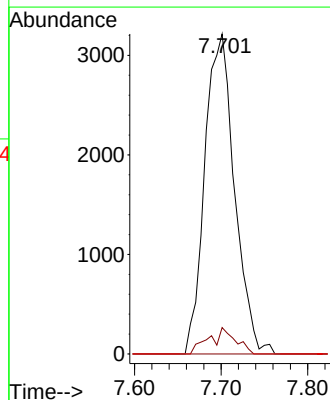
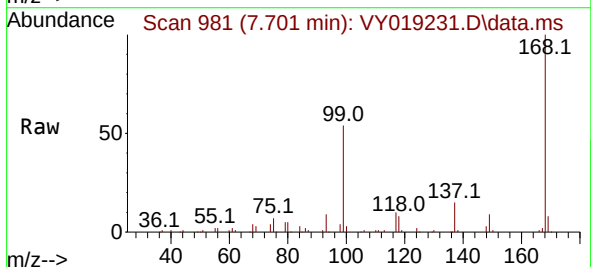
Tgt Ion: 117 Resp: 7679

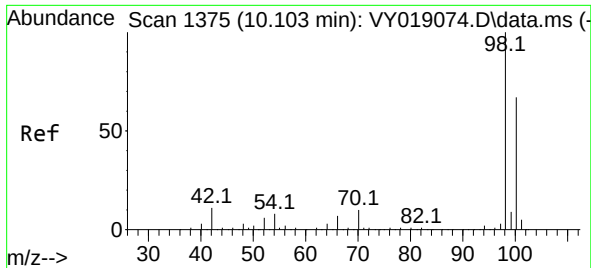
Ion Ratio Lower Upper

117 100

119 8.2 75.8 113.6#

121 0.0 24.0 36.0#

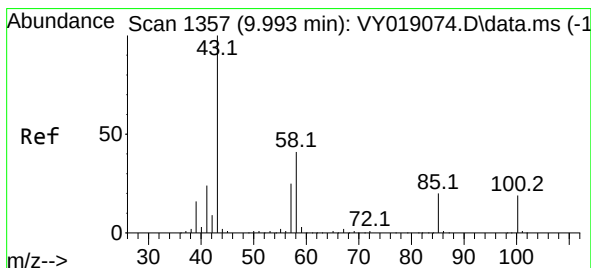
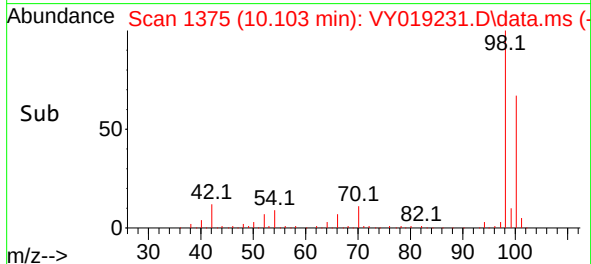
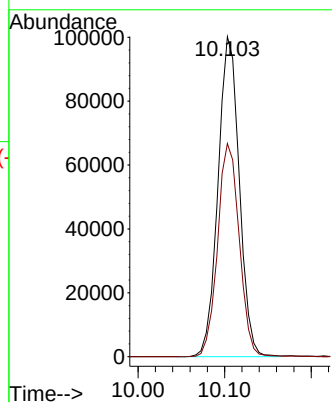
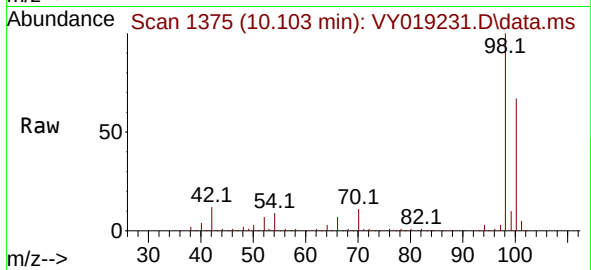




#50
Toluene-d8
Concen: 47.267 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019231.D
Acq: 22 Aug 2024 19:35

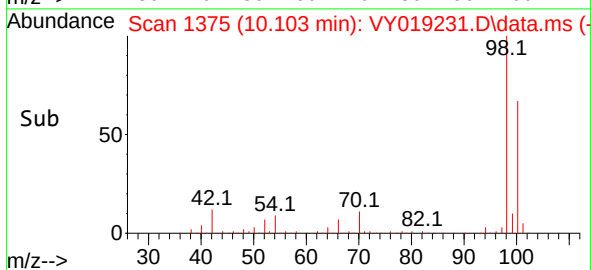
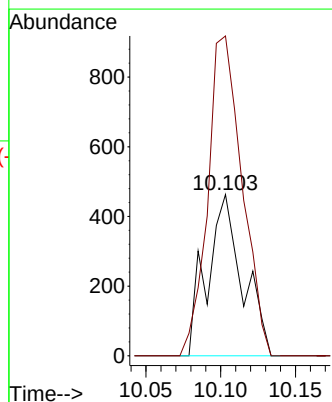
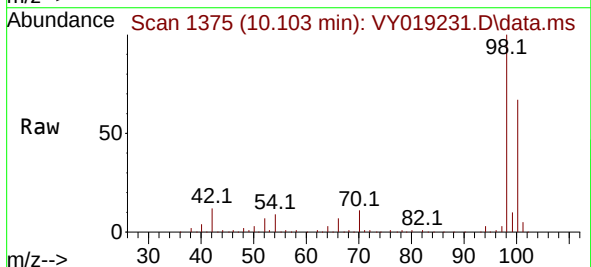
Instrument :
MSVOA_Y
ClientSampleId :

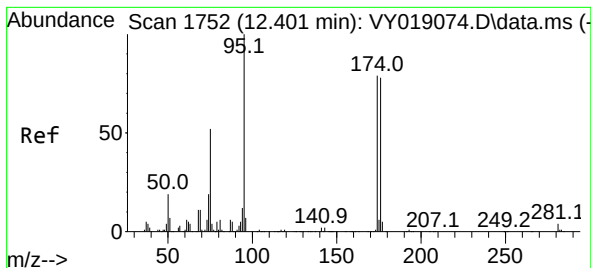
Tgt Ion: 98 Resp: 170875
Ion Ratio Lower Upper
98 100
100 67.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.160 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.110 min
Lab File: VY019231.D
Acq: 22 Aug 2024 19:35

Tgt Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
58 193.2 35.7 53.5#

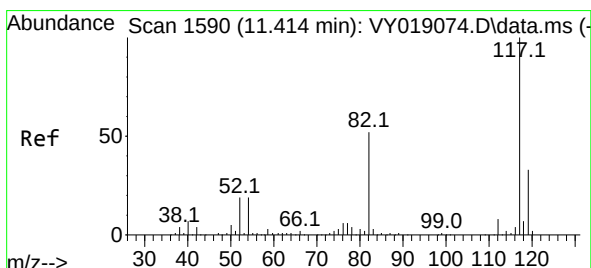
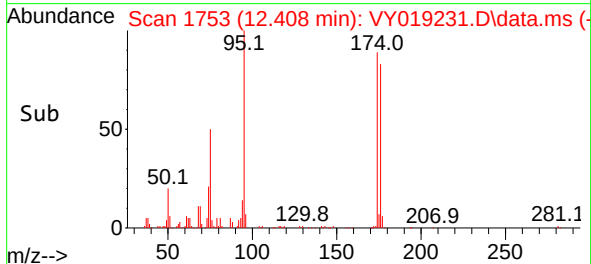
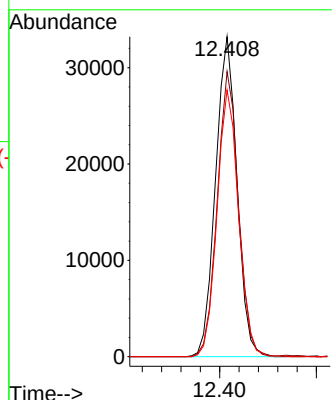
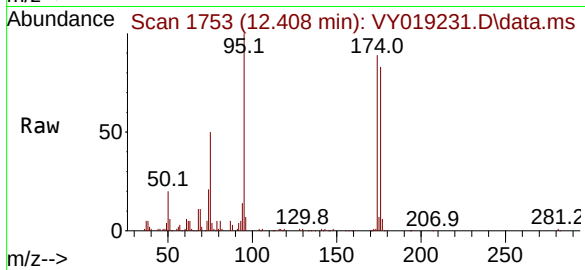




#62
4-Bromofluorobenzene
Concen: 41.425 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019231.D
Acq: 22 Aug 2024 19:35

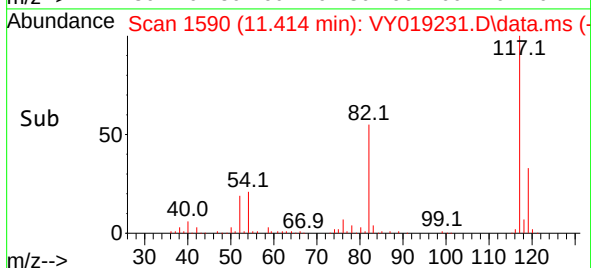
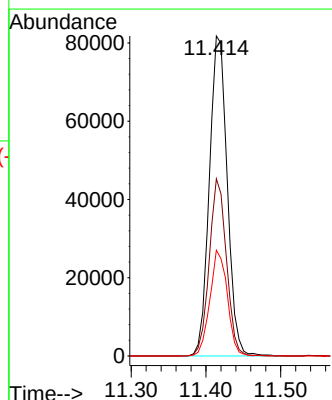
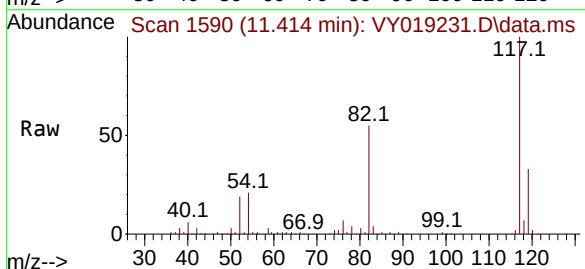
Instrument :
MSVOA_Y
ClientSampleId :

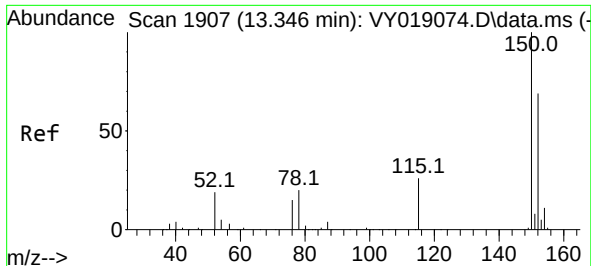
Tgt Ion: 95 Resp: 51052
Ion Ratio Lower Upper
95 100
174 88.1 0.0 175.6
176 83.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019231.D
Acq: 22 Aug 2024 19:35

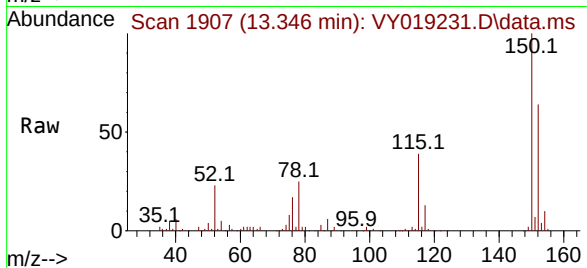
Tgt Ion: 117 Resp: 135975
Ion Ratio Lower Upper
117 100
82 55.4 42.4 63.6
119 33.0 25.9 38.9



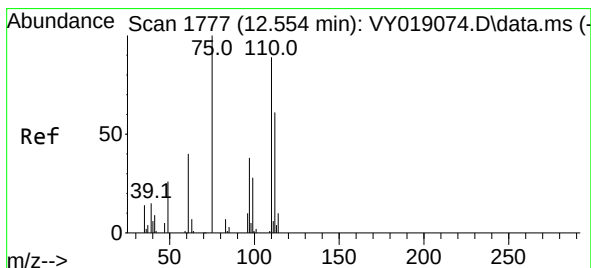
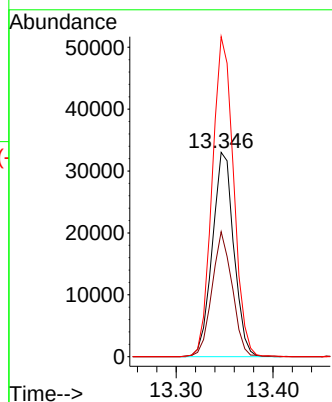
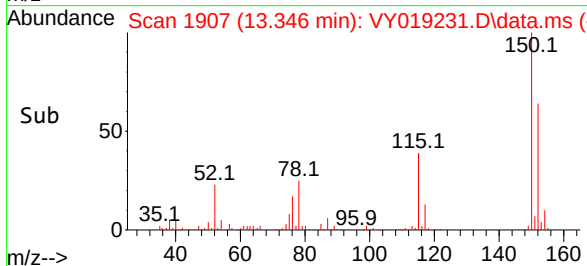


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019231.D
 Acq: 22 Aug 2024 19:35

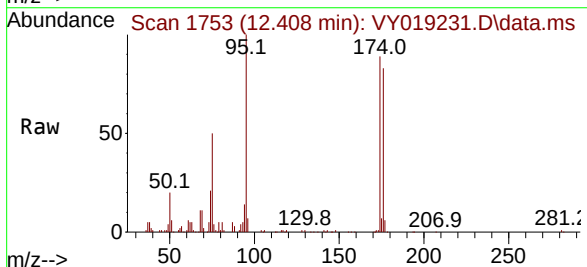
Instrument :
 MSVOA_Y
 ClientSampleId :



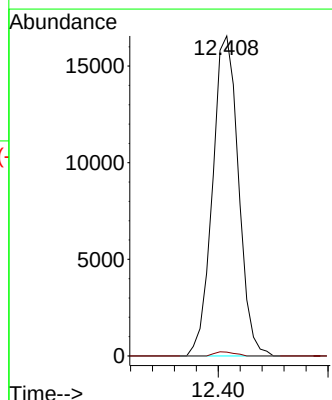
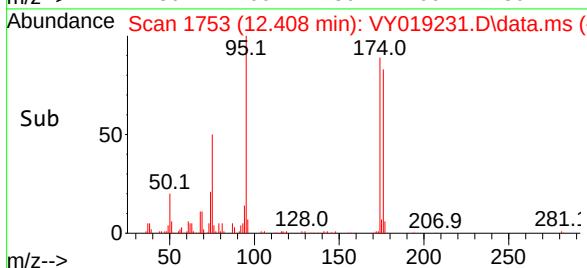
Tgt Ion:152 Resp: 50825
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 155.7 0.0 345.6

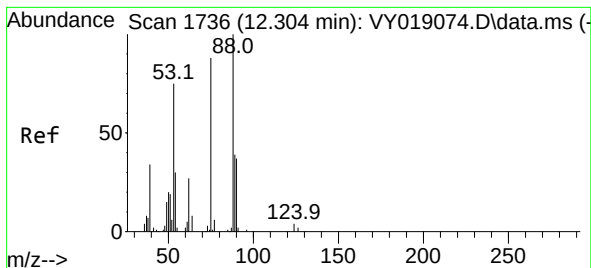


#76
 1,2,3-Trichloropropane
 Concen: 54.221 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY019231.D
 Acq: 22 Aug 2024 19:35



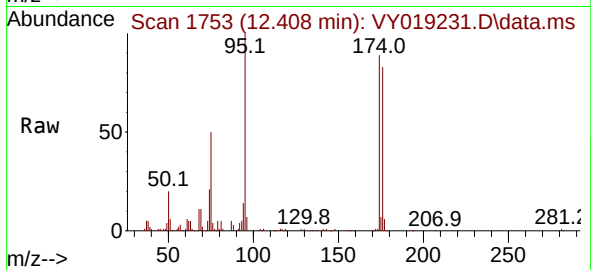
Tgt Ion: 75 Resp: 27177
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.908 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019231.D
 Acq: 22 Aug 2024 19:35

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 27177

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

