

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019223.D
 Acq On : 22 Aug 2024 16:20
 Operator : SY/MD
 Sample : P3671-03
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

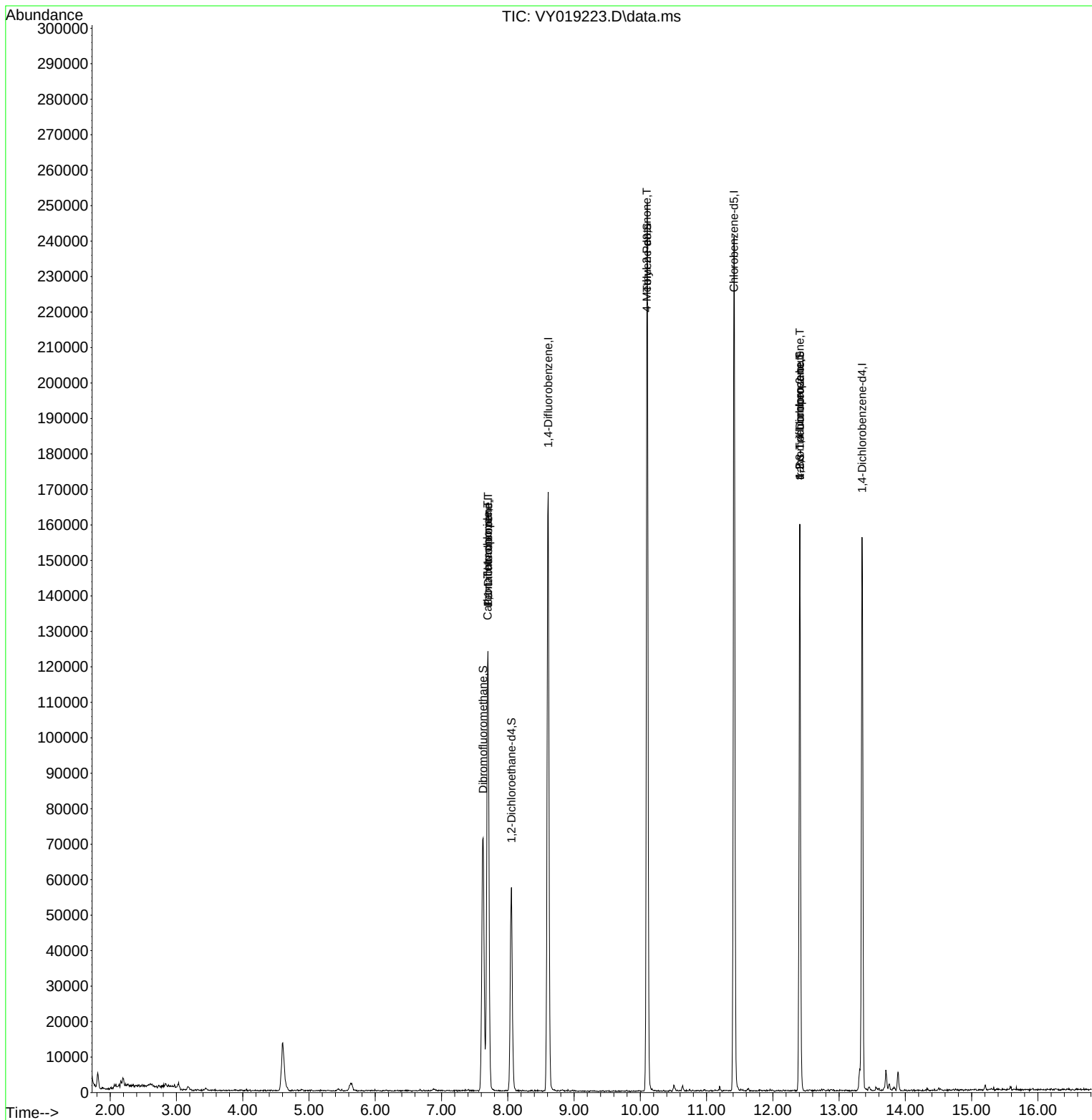
Quant Time: Aug 23 01:54:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

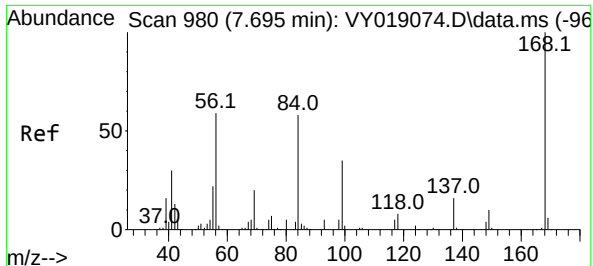
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	97952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	149565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	132652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	38786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	44739	45.564	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.120%		
35) Dibromofluoromethane	7.628	113	51334	52.492	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.980%		
50) Toluene-d8	10.103	98	158234	44.962	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.920%		
62) 4-Bromofluorobenzene	12.408	95	45618	38.024	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	76.040%		
Target Compounds						
5) Bromomethane	2.604	94	180	Below Cal	Qvalue	98
6) Chloroethane	2.720	64	43	Below Cal	#	42
11) Tert butyl alcohol	4.830	59	106	Below Cal	#	88
20) Methylene Chloride	4.598	84	9141	Below Cal		91
31) Cyclohexane	7.701	56	2130	Below Cal	#	34
36) 1,1-Dichloropropene	7.701	75	7656	5.701 ug/l	#	48
38) Carbon Tetrachloride	7.695	117	9711	6.240 ug/l	#	17
51) 4-Methyl-2-Pentanone	10.097	43	782	1.224 ug/l	#	1
76) 1,2,3-Trichloropropane	12.408	75	24582	64.267 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.408	75	24582	158.717 ug/l	#	16

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

Quant Time: Aug 23 01:54:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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Response via : Initial Calibration

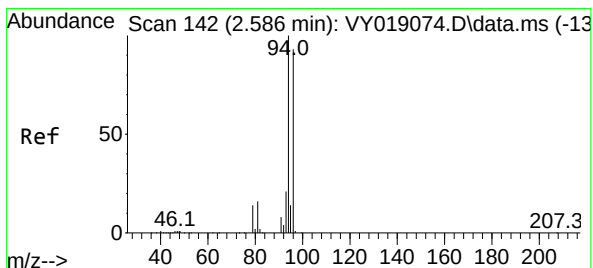
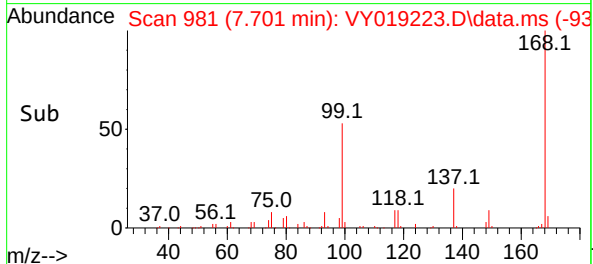
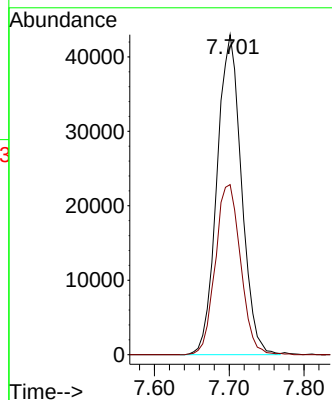
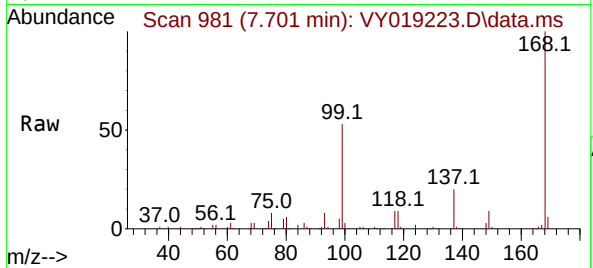




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019223.D
Acq: 22 Aug 2024 16:20

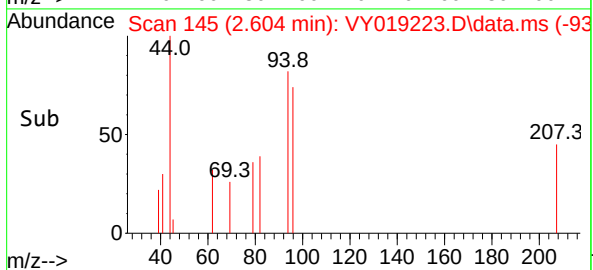
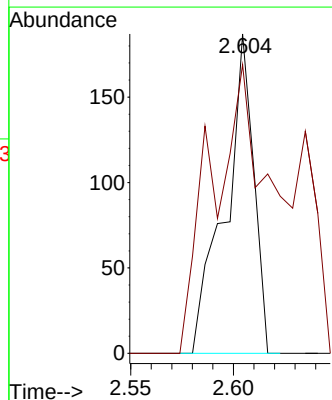
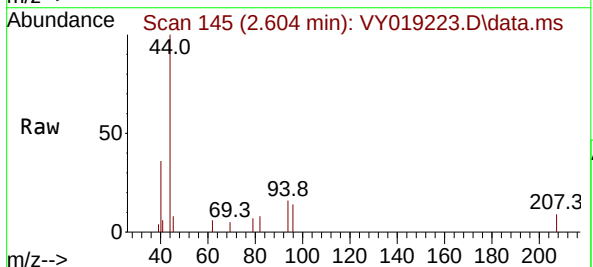
Instrument :
MSVOA_Y
ClientSampleId :

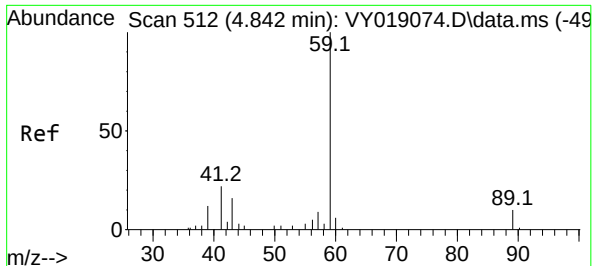
Tgt Ion:168 Resp: 97952
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019223.D
Acq: 22 Aug 2024 16:20

Tgt Ion: 94 Resp: 180
Ion Ratio Lower Upper
94 100
96 90.4 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.830 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY019223.D

Acq: 22 Aug 2024 16:20

Instrument :

MSVOA_Y

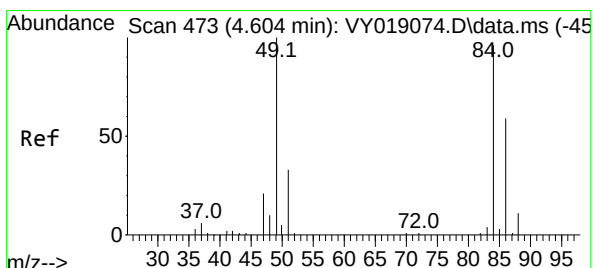
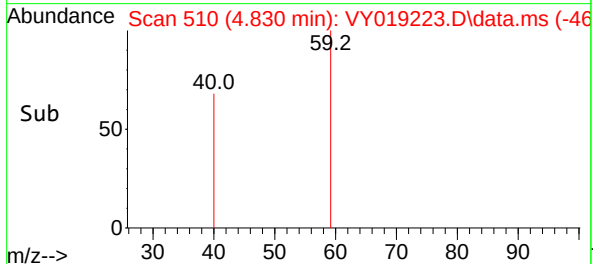
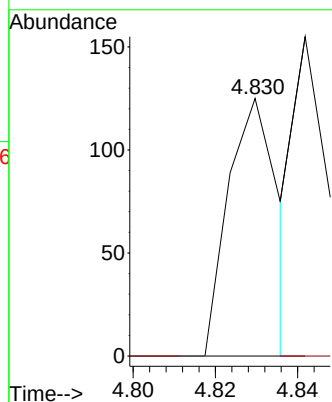
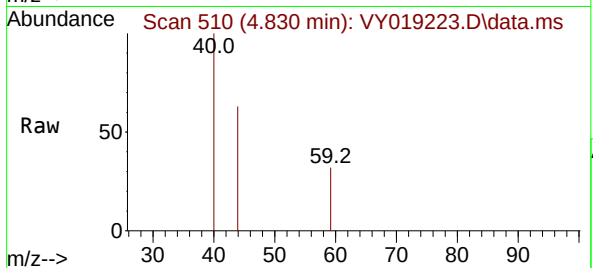
ClientSampleId :

Tgt Ion: 59 Resp: 106

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019223.D

Acq: 22 Aug 2024 16:20

Tgt Ion: 84 Resp: 9141

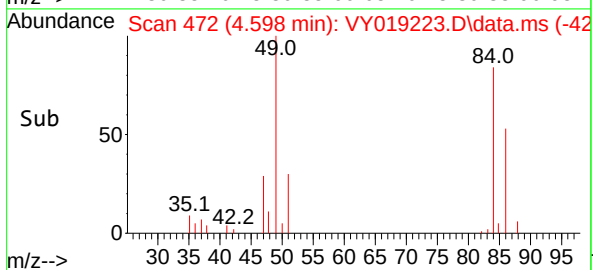
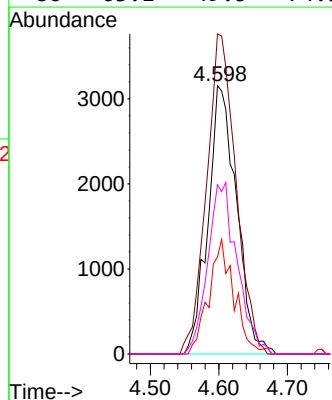
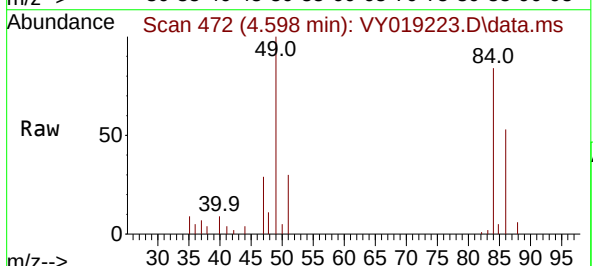
Ion Ratio Lower Upper

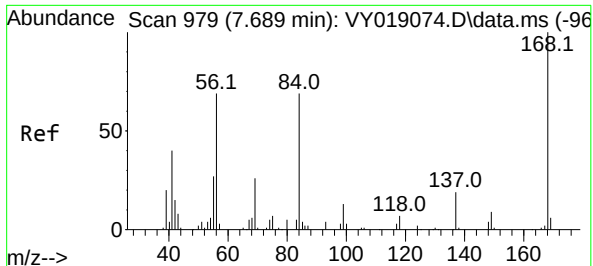
84 100

49 119.2 84.4 126.6

51 36.1 26.0 39.0

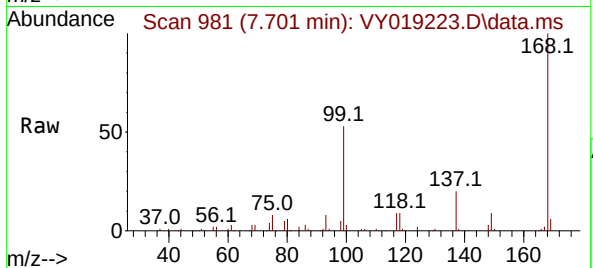
86 63.1 49.5 74.3



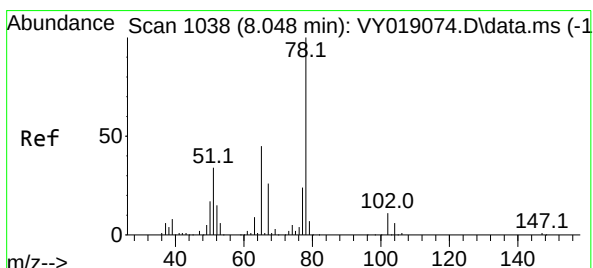
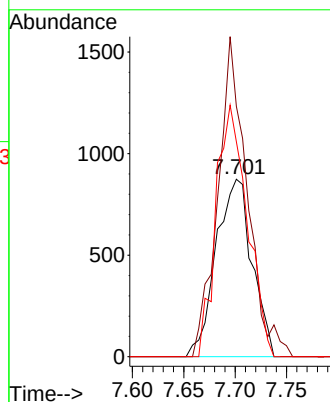
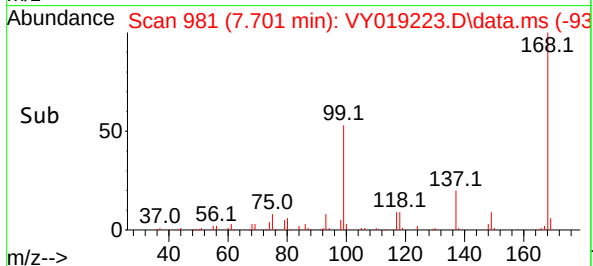


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019223.D
Acq: 22 Aug 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :

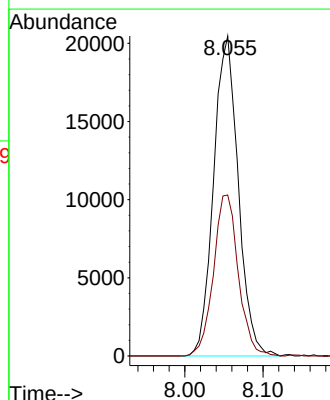
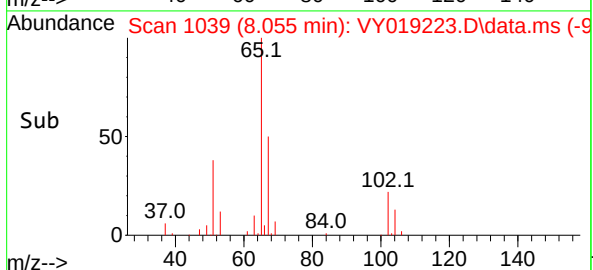
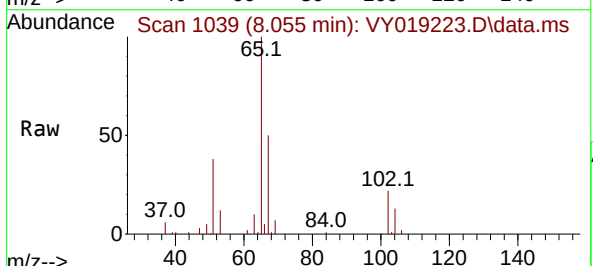


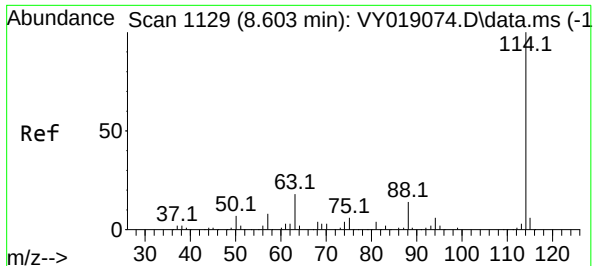
Tgt Ion: 56 Resp: 2130
Ion Ratio Lower Upper
56 100
69 141.1 28.7 43.1#
84 121.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 45.564 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019223.D
Acq: 22 Aug 2024 16:20

Tgt Ion: 65 Resp: 44739
Ion Ratio Lower Upper
65 100
67 50.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019223.D

Acq: 22 Aug 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

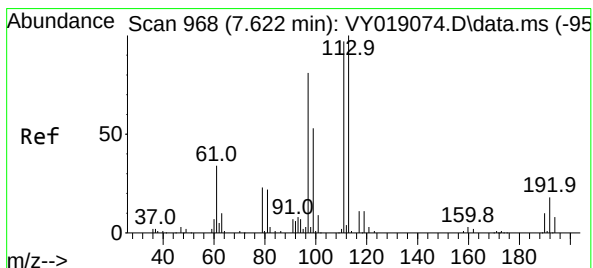
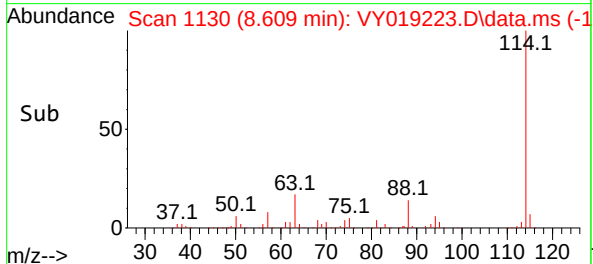
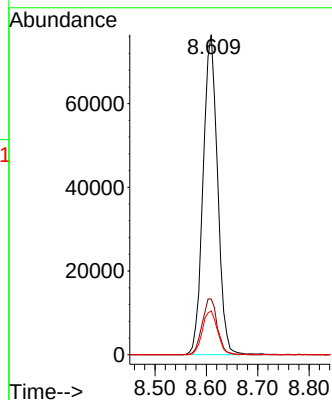
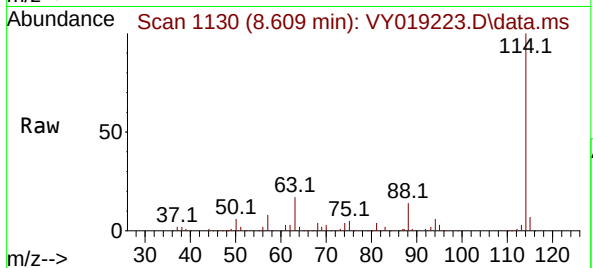
Tgt Ion:114 Resp: 149565

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.492 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019223.D

Acq: 22 Aug 2024 16:20

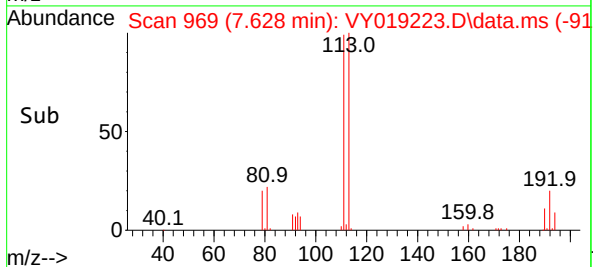
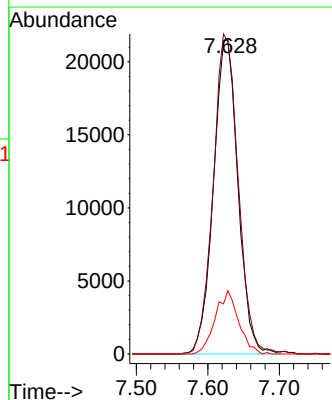
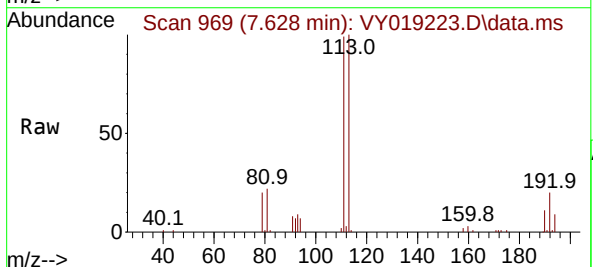
Tgt Ion:113 Resp: 51334

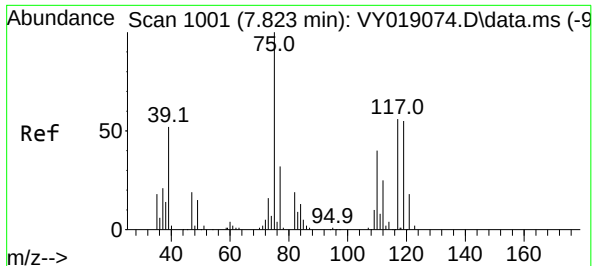
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 19.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.701 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.122 min

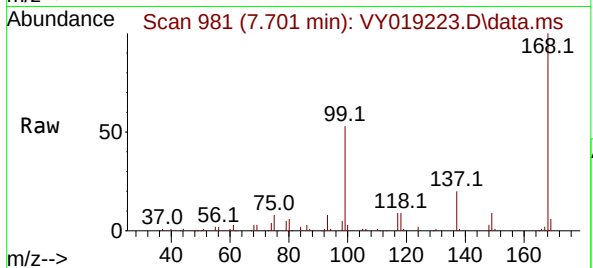
Lab File: VY019223.D

Acq: 22 Aug 2024 16:20

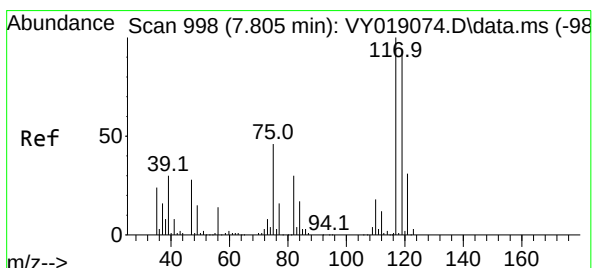
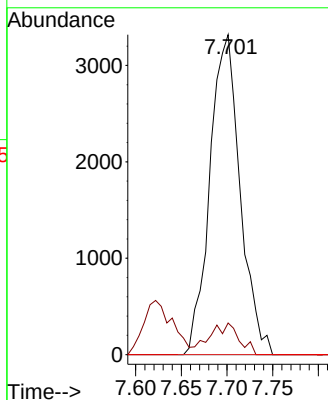
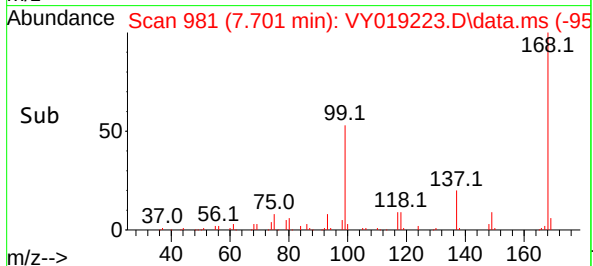
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 7656
Ion Ratio	Lower Upper
75	100
110	9.3 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.240 ug/l

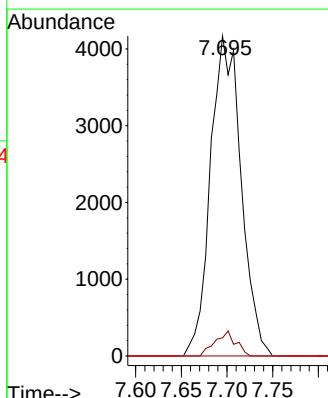
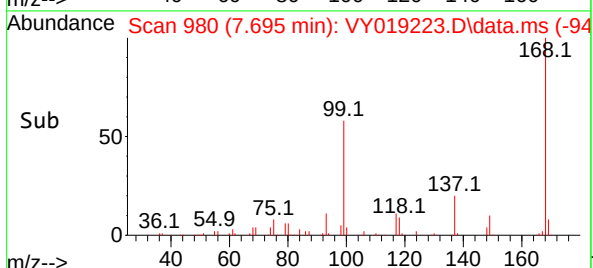
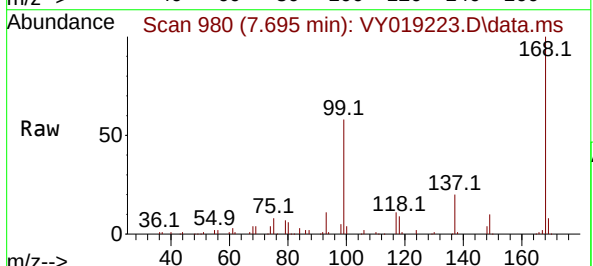
RT: 7.695 min Scan# 980

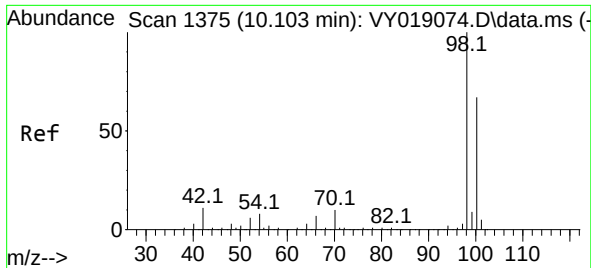
Delta R.T. -0.110 min

Lab File: VY019223.D

Acq: 22 Aug 2024 16:20

Tgt Ion: 117	Resp: 9711
Ion Ratio	Lower Upper
117	100
119	5.7 75.8 113.6#
121	0.0 24.0 36.0#

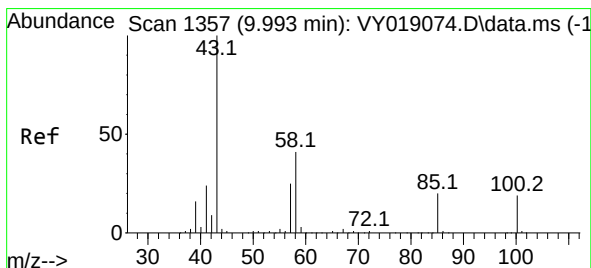
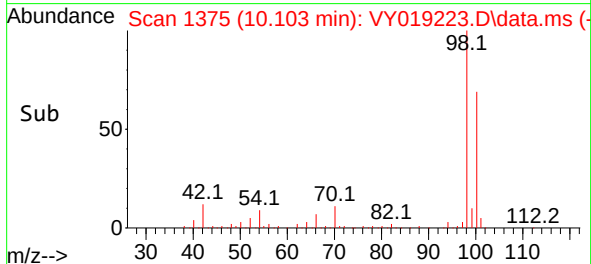
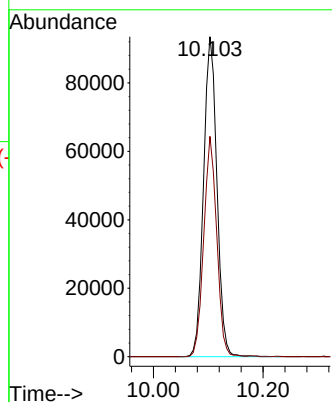
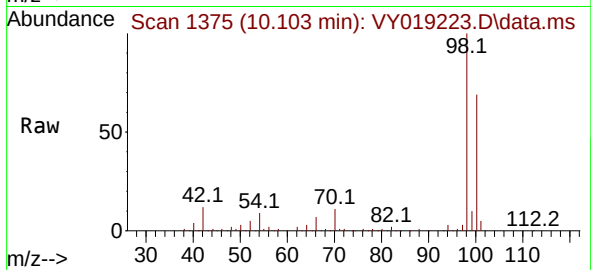




#50
Toluene-d8
Concen: 44.962 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019223.D
Acq: 22 Aug 2024 16:20

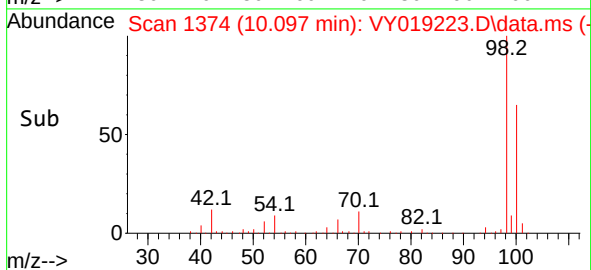
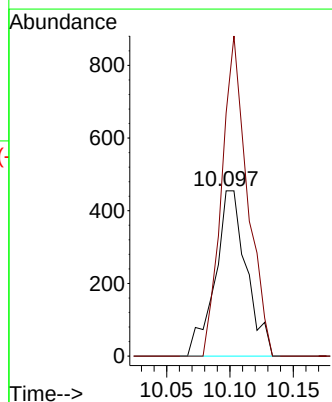
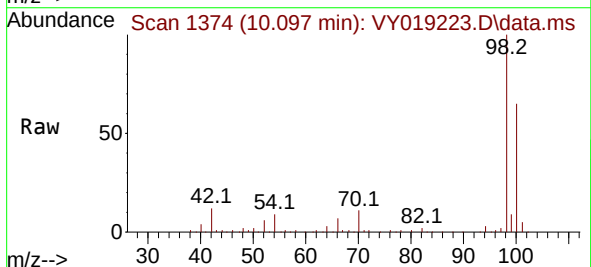
Instrument :
MSVOA_Y
ClientSampleId :

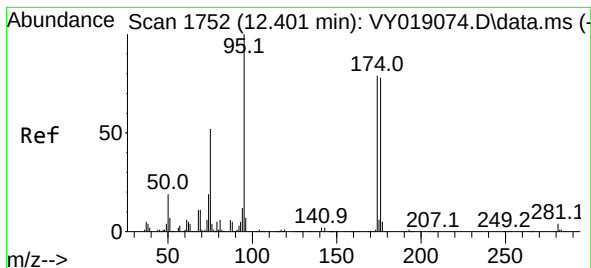
Tgt Ion: 98 Resp: 158234
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.224 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.104 min
Lab File: VY019223.D
Acq: 22 Aug 2024 16:20

Tgt Ion: 43 Resp: 782
Ion Ratio Lower Upper
43 100
58 159.7 35.7 53.5#

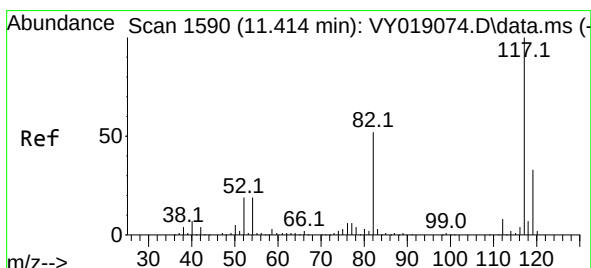
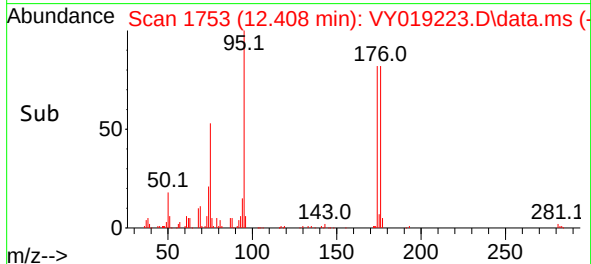
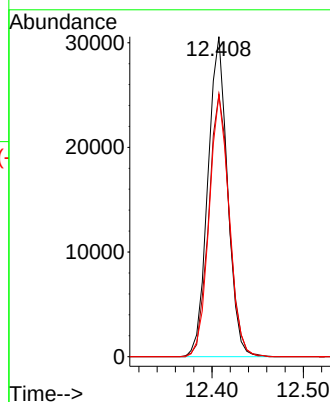
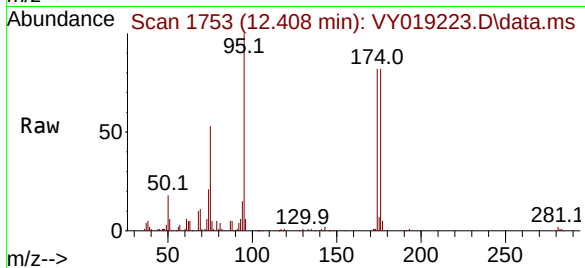




#62
4-Bromofluorobenzene
Concen: 38.024 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019223.D
Acq: 22 Aug 2024 16:20

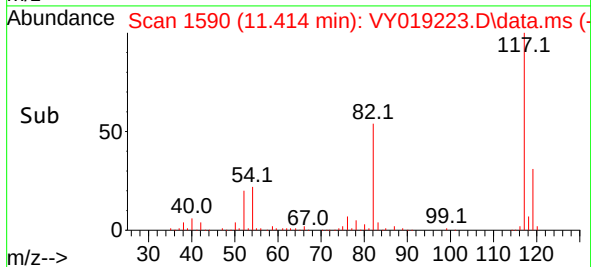
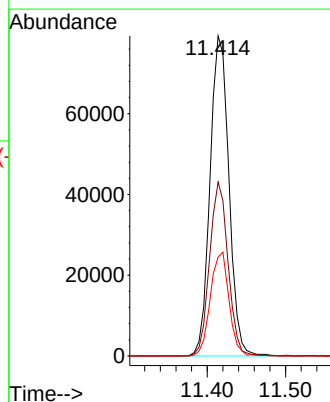
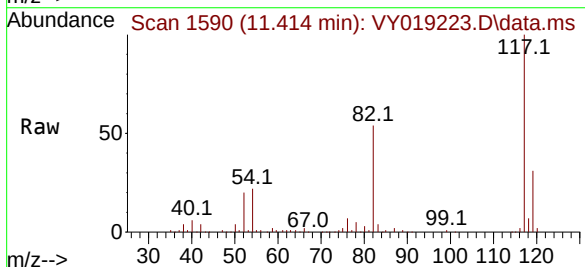
Instrument :
MSVOA_Y
ClientSampleId :

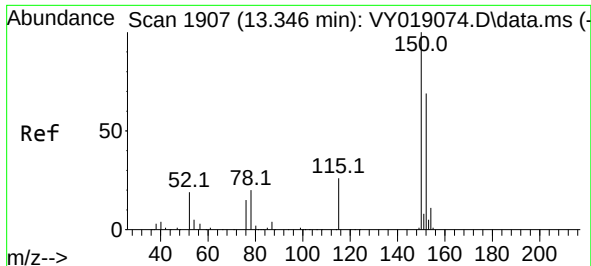
Tgt Ion: 95 Resp: 45618
Ion Ratio Lower Upper
95 100
174 85.8 0.0 175.6
176 83.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019223.D
Acq: 22 Aug 2024 16:20

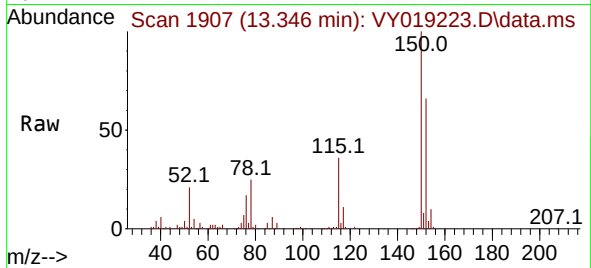
Tgt Ion: 117 Resp: 132652
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 30.9 25.9 38.9



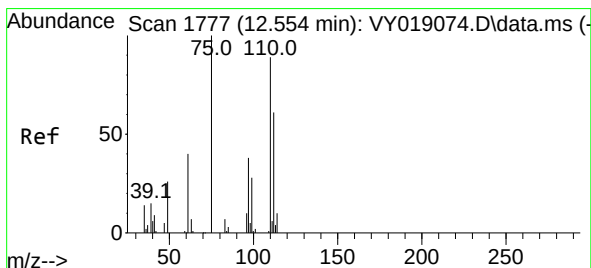
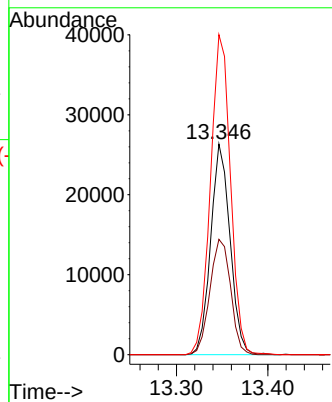
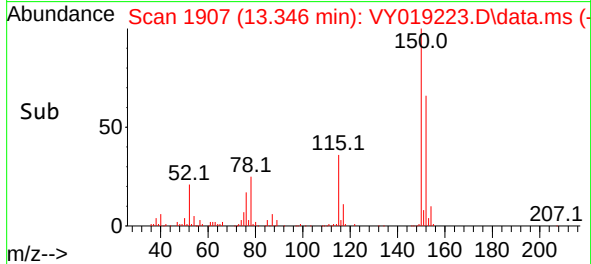


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019223.D
 Acq: 22 Aug 2024 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :

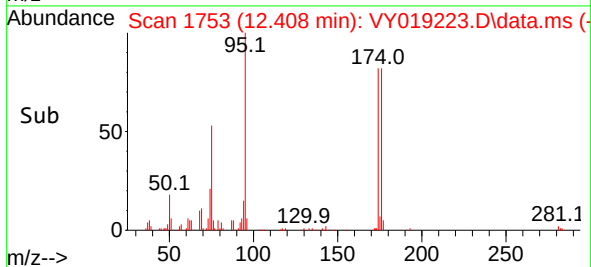
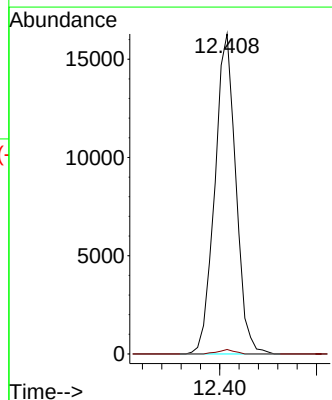
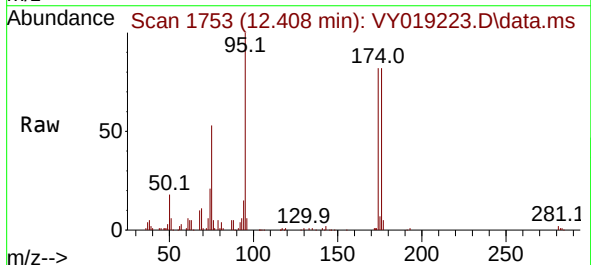


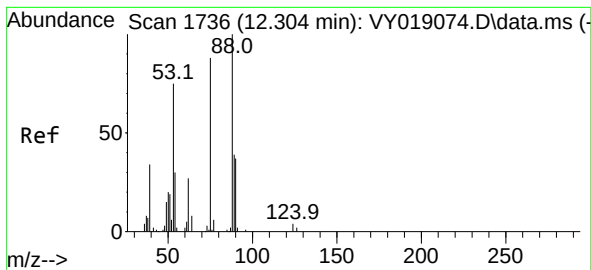
Tgt Ion:152 Resp: 38786
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.7
 150 156.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 64.267 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY019223.D
 Acq: 22 Aug 2024 16:20

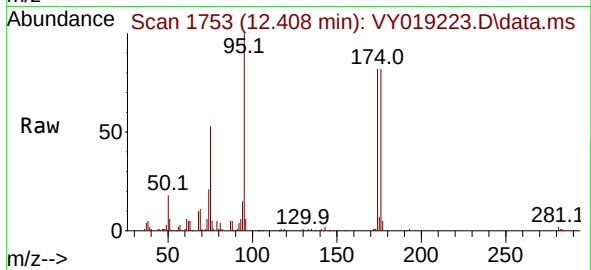
Tgt Ion: 75 Resp: 24582
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 158.717 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019223.D
 Acq: 22 Aug 2024 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 24582
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.5 35.8 53.6#

