

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019386.D
 Acq On : 29 Aug 2024 22:10
 Operator : SY/MD
 Sample : P3745-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 04:51:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

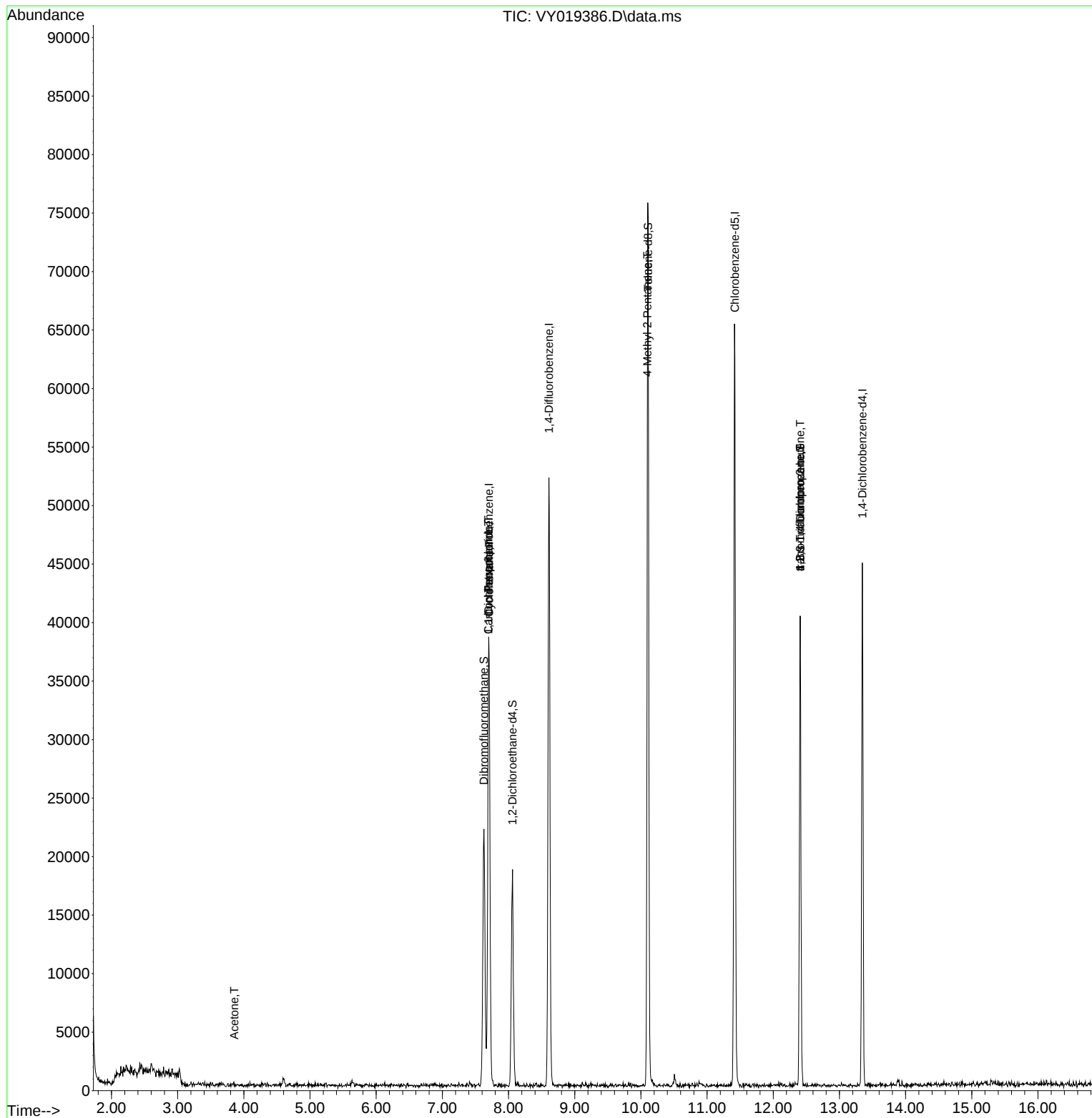
Internal Standards						
1) Pentafluorobenzene	7.701	168	29614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	46660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	36308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	10472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	14253	50.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.620%	
35) Dibromofluoromethane	7.628	113	15481	52.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.960%	
50) Toluene-d8	10.109	98	48429	44.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.200%	
62) 4-Bromofluorobenzene	12.408	95	11832	33.686	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 67.380%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	324	Below Cal	#	62
16) Acetone	3.854	43	101	1.831	ug/l #	36
20) Methylene Chloride	4.604	84	438	Below Cal	#	48
31) Cyclohexane	7.707	56	749	1.570	ug/l #	6
36) 1,1-Dichloropropene	7.695	75	2281	5.471	ug/l #	48
38) Carbon Tetrachloride	7.695	117	2871	5.650	ug/l #	13
51) 4-Methyl-2-Pentanone	10.097	43	198	1.174	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	6574	71.484	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	6574	176.856	ug/l #	16

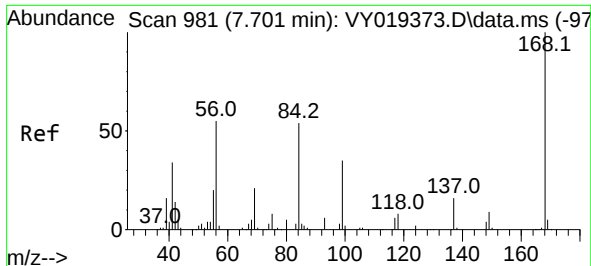
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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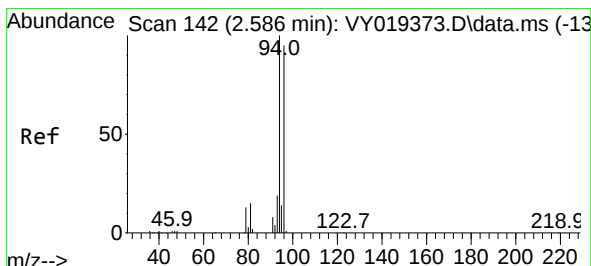
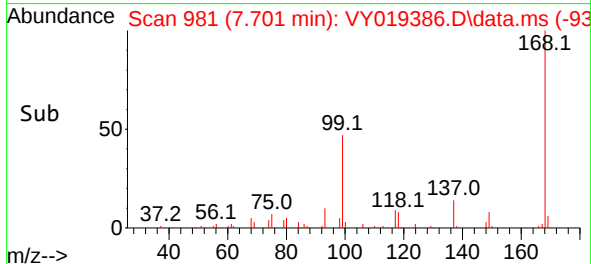
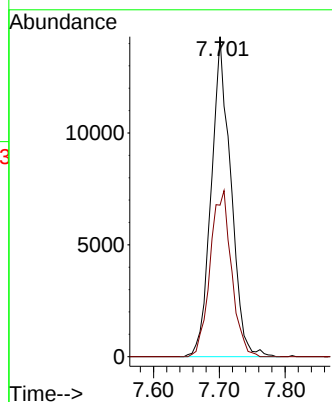
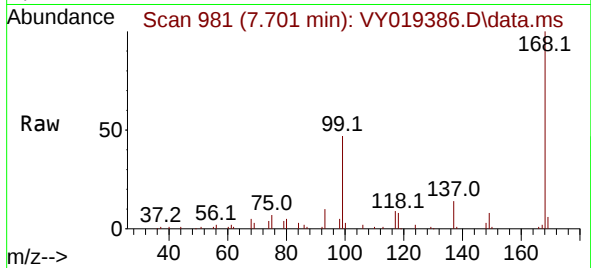




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019386.D
Acq: 29 Aug 2024 22:10

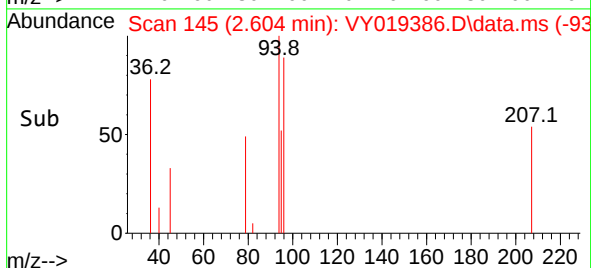
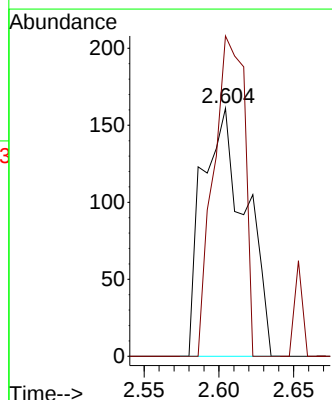
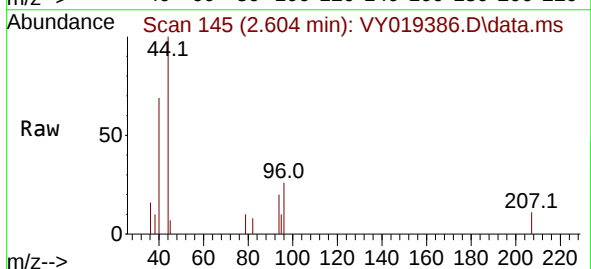
Instrument :
MSVOA_Y
ClientSampleId :

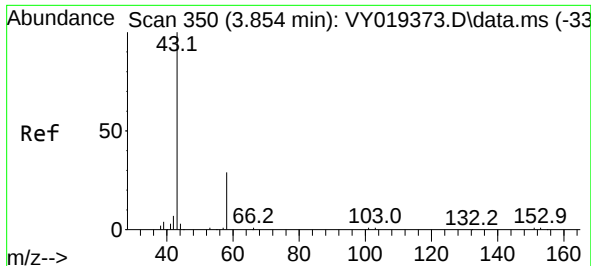
Tgt Ion:168 Resp: 29614
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019386.D
Acq: 29 Aug 2024 22:10

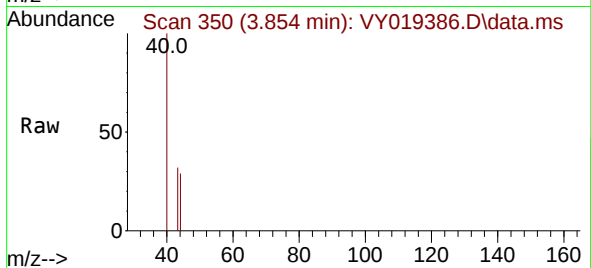
Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 129.2 74.1 111.1#



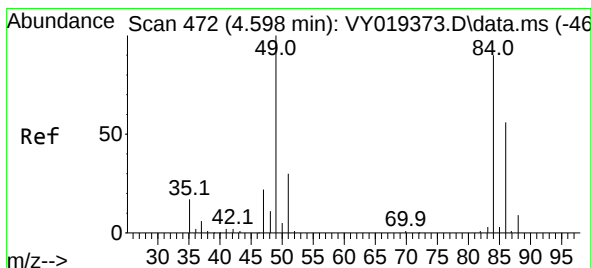
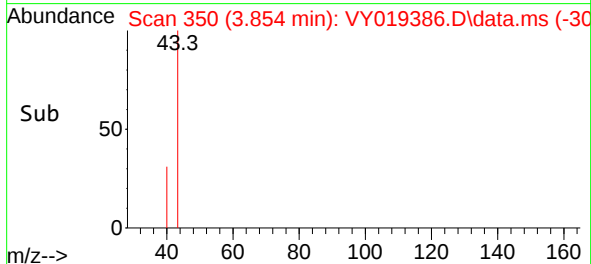
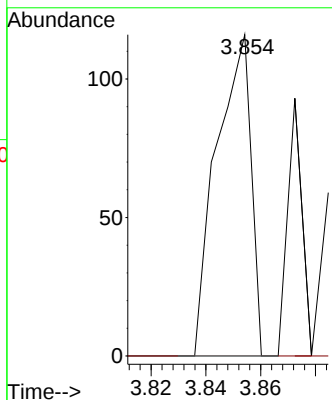


#16
Acetone
Concen: 1.831 ug/l
RT: 3.854 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY019386.D
Acq: 29 Aug 2024 22:10

Instrument :
MSVOA_Y
ClientSampleId :

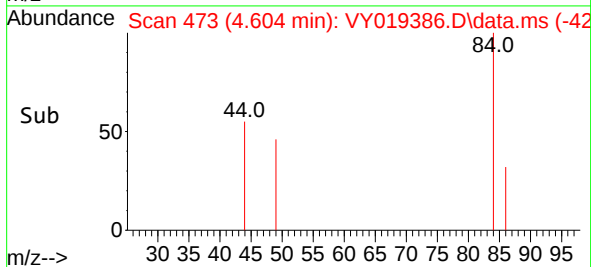
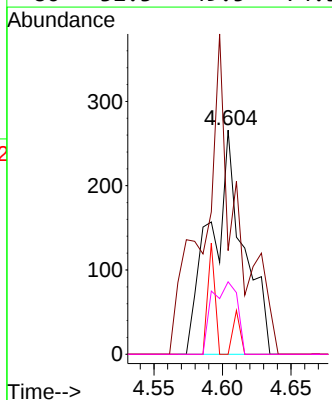
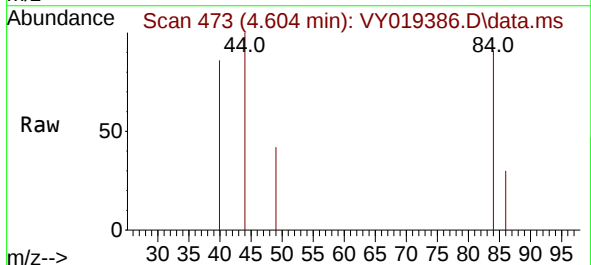


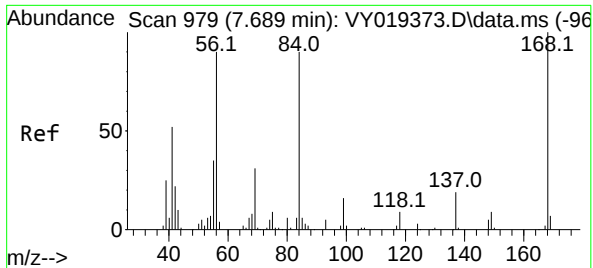
Tgt Ion: 43 Resp: 101
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY019386.D
Acq: 29 Aug 2024 22:10

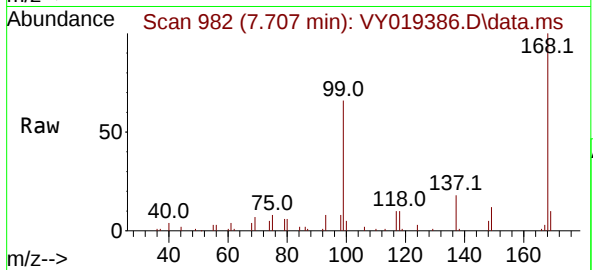
Tgt Ion: 84 Resp: 438
Ion Ratio Lower Upper
84 100
49 46.2 84.4 126.6#
51 0.0 26.0 39.0#
86 32.3 49.5 74.3#



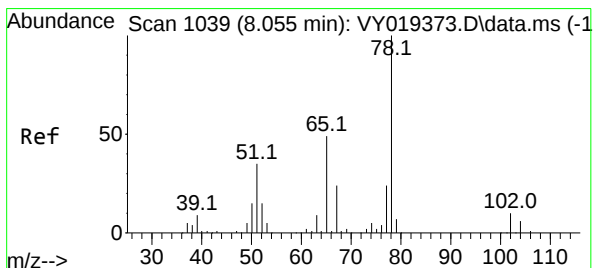
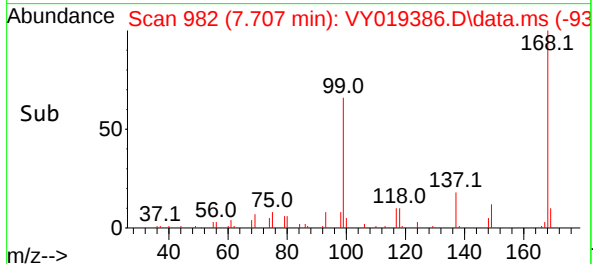
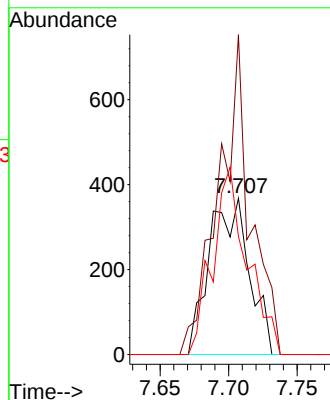


#31
Cyclohexane
Concen: 1.570 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY019386.D
Acq: 29 Aug 2024 22:10

Instrument :
MSVOA_Y
ClientSampleId :

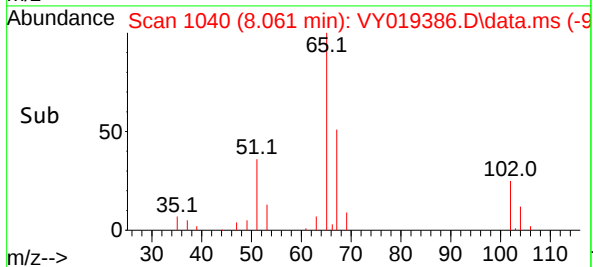
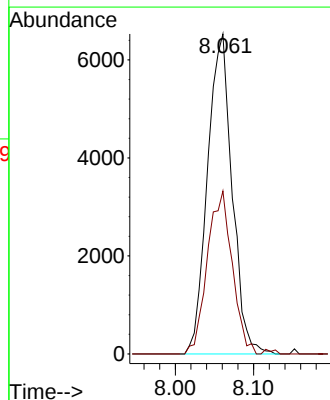
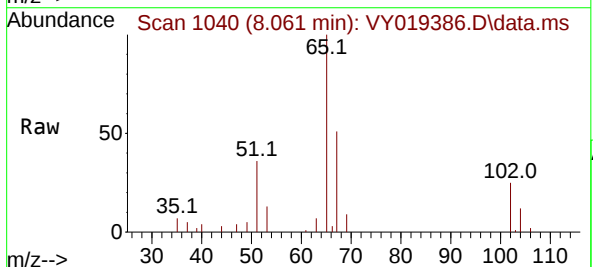


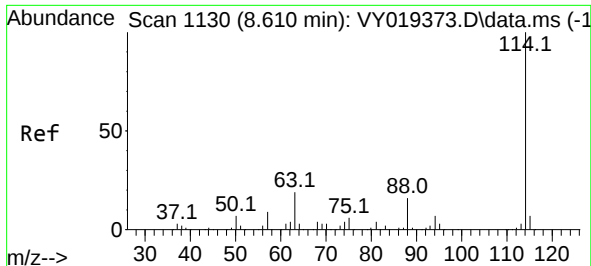
Tgt Ion: 56 Resp: 749
Ion Ratio Lower Upper
56 100
69 204.6 28.7 43.1#
84 75.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 50.813 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019386.D
Acq: 29 Aug 2024 22:10

Tgt Ion: 65 Resp: 14253
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019386.D

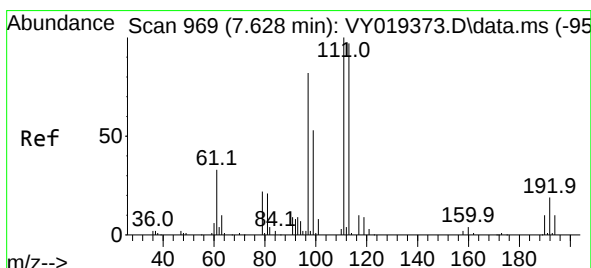
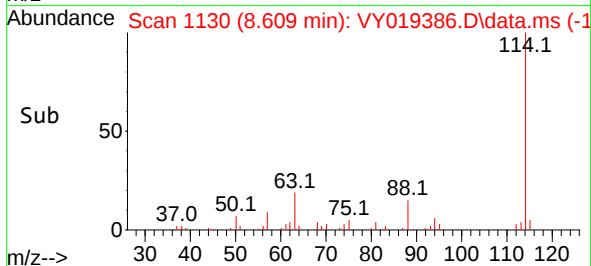
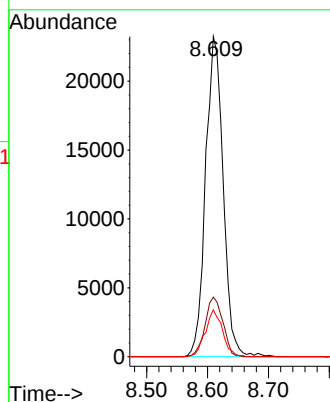
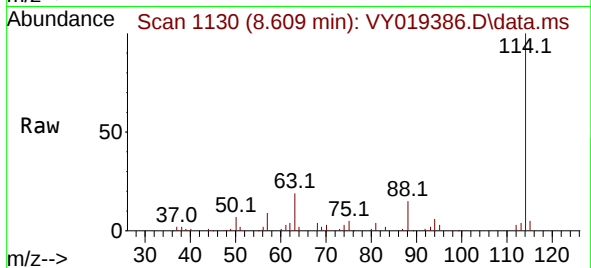
Acq: 29 Aug 2024 22:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	46660
Ion Ratio	Lower	Upper
114	100	
63	18.6	0.0 35.0
88	14.6	0.0 27.2



#35

Dibromofluoromethane

Concen: 52.478 ug/l

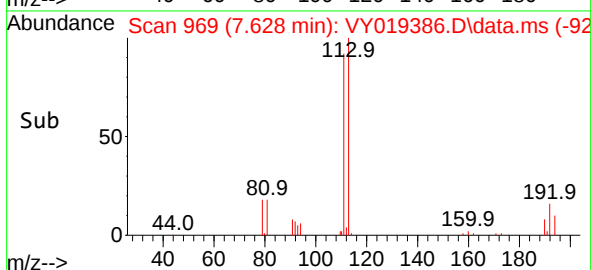
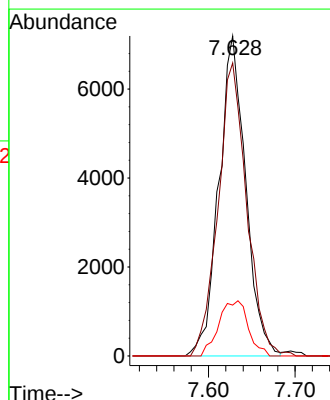
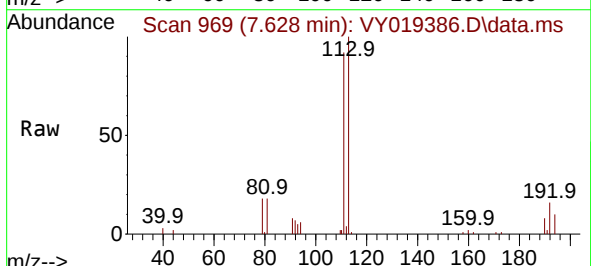
RT: 7.628 min Scan# 969

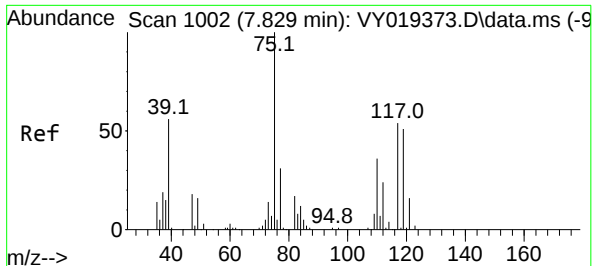
Delta R.T. -0.000 min

Lab File: VY019386.D

Acq: 29 Aug 2024 22:10

Tgt Ion:113	Resp:	15481
Ion Ratio	Lower	Upper
113	100	
111	97.6	82.2 123.4
192	18.9	15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.471 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY019386.D

Acq: 29 Aug 2024 22:10

Instrument :

MSVOA_Y

ClientSampleId :

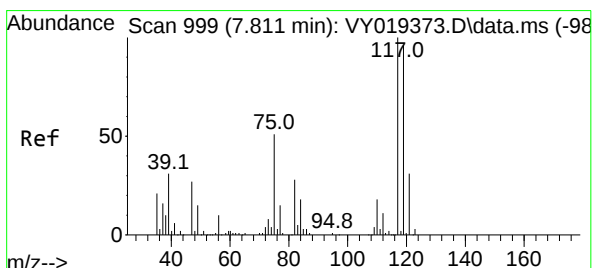
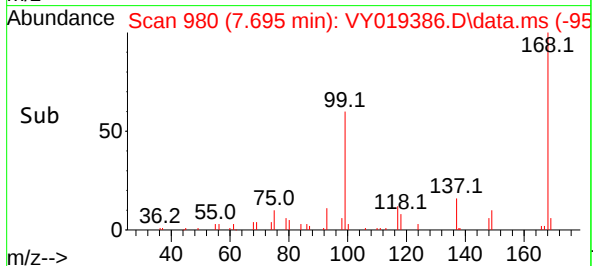
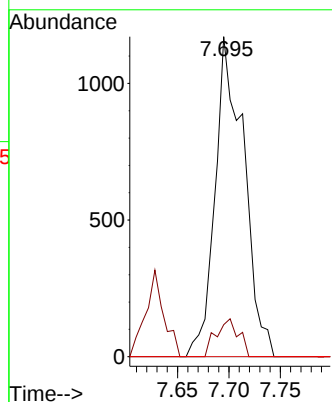
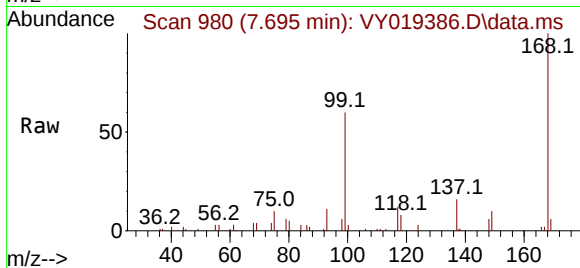
Tgt Ion: 75 Resp: 2281

Ion Ratio Lower Upper

75 100

110 9.3 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.650 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY019386.D

Acq: 29 Aug 2024 22:10

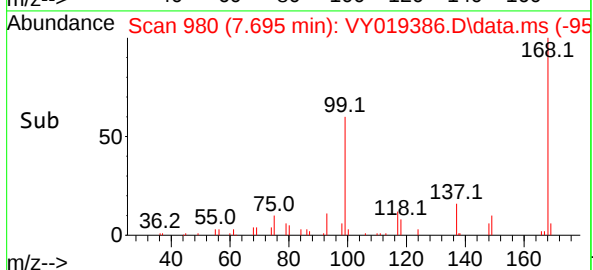
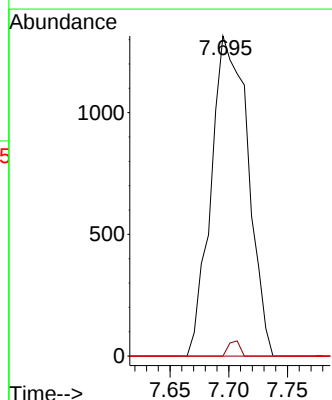
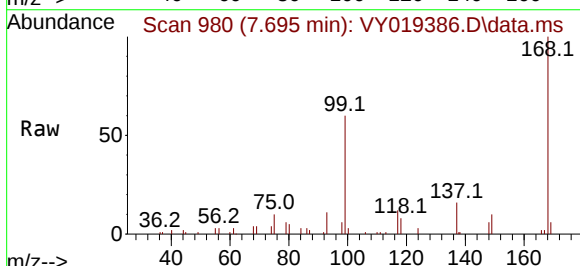
Tgt Ion:117 Resp: 2871

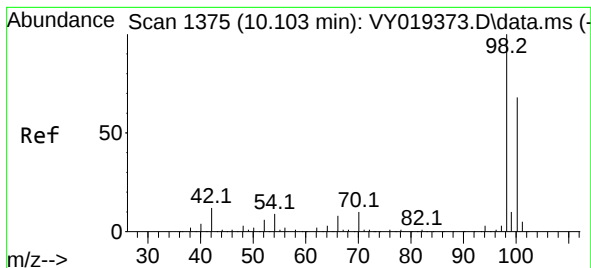
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 44.596 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019386.D

Acq: 29 Aug 2024 22:10

Instrument :

MSVOA_Y

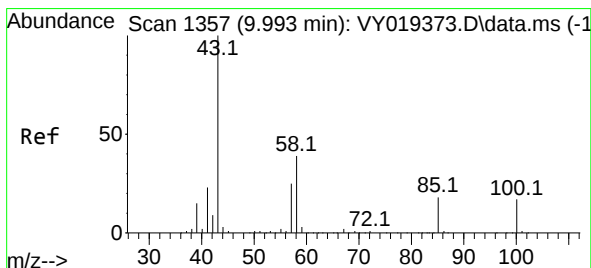
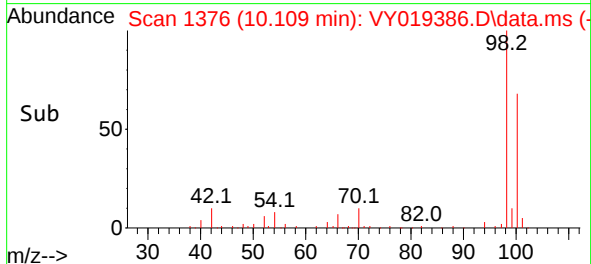
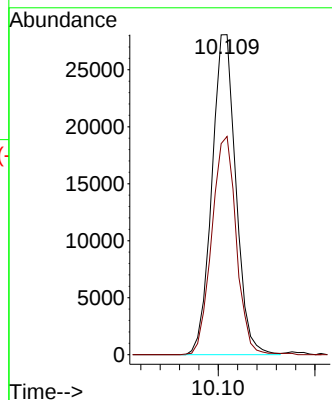
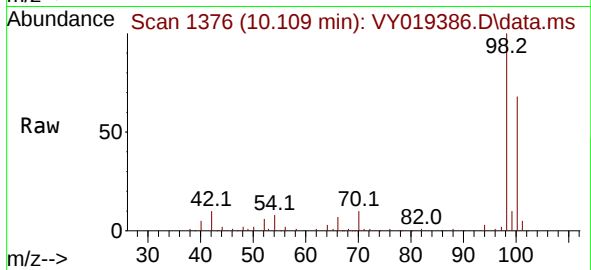
ClientSampleId :

Tgt Ion: 98 Resp: 48429

Ion Ratio Lower Upper

98 100

100 69.6 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.174 ug/l

RT: 10.097 min Scan# 1374

Delta R.T. 0.103 min

Lab File: VY019386.D

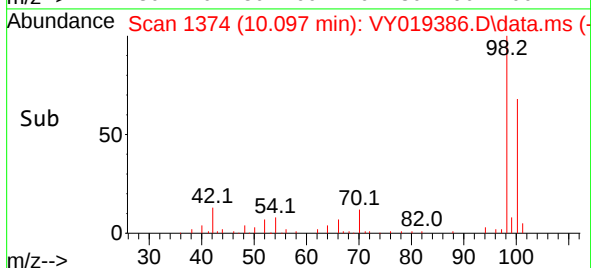
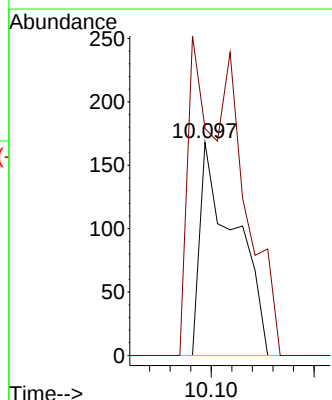
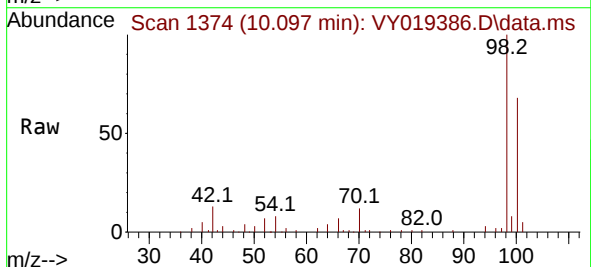
Acq: 29 Aug 2024 22:10

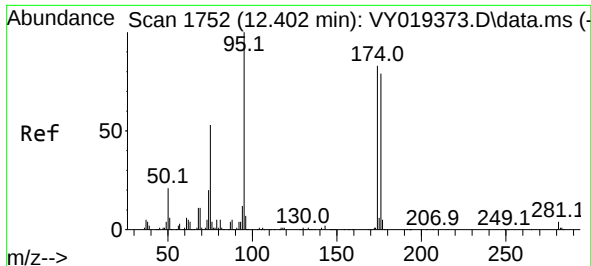
Tgt Ion: 43 Resp: 198

Ion Ratio Lower Upper

43 100

58 208.1 35.7 53.5#





#62

4-Bromofluorobenzene

Concen: 33.686 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

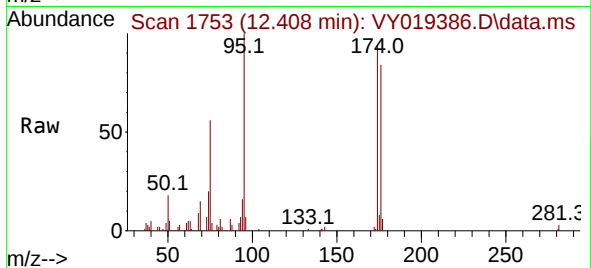
Lab File: VY019386.D

Acq: 29 Aug 2024 22:10

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ClientSampleId :



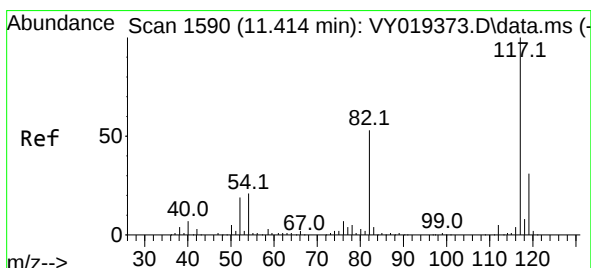
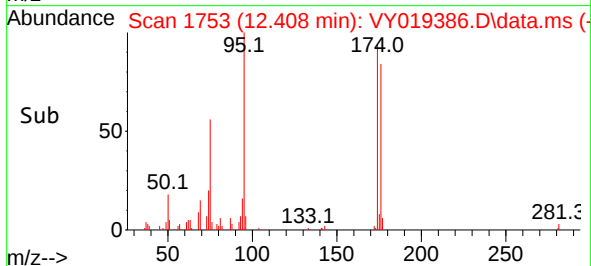
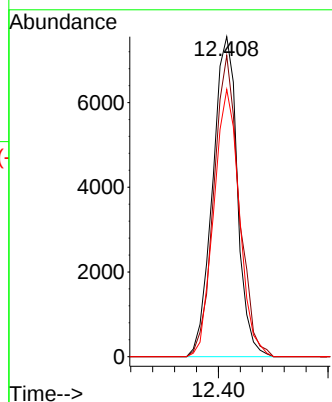
Tgt Ion: 95 Resp: 11832

Ion Ratio Lower Upper

95 100

174 96.0 0.0 175.6

176 86.5 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY019386.D

Acq: 29 Aug 2024 22:10

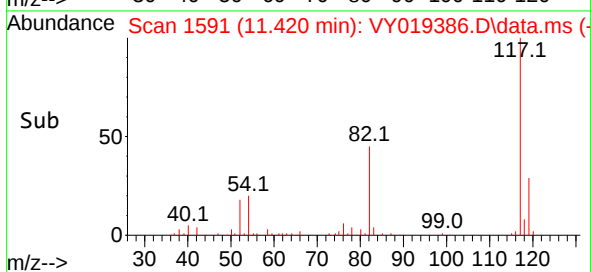
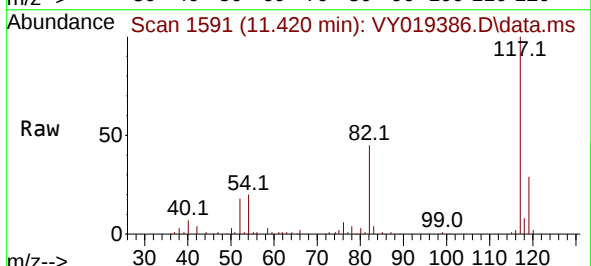
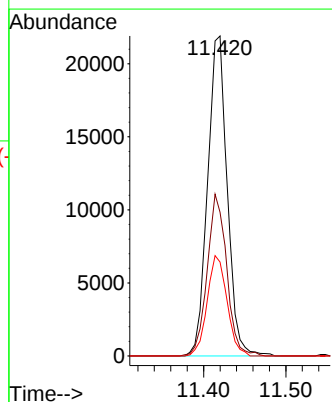
Tgt Ion: 117 Resp: 36308

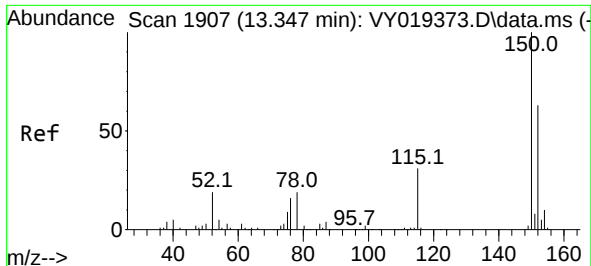
Ion Ratio Lower Upper

117 100

82 44.9 42.4 63.6

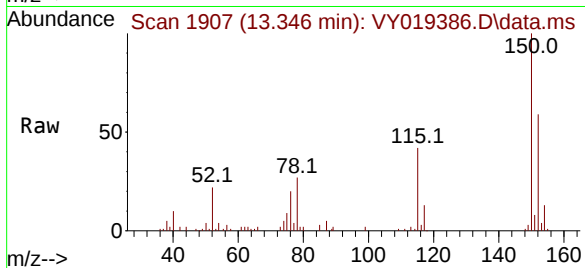
119 29.4 25.9 38.9



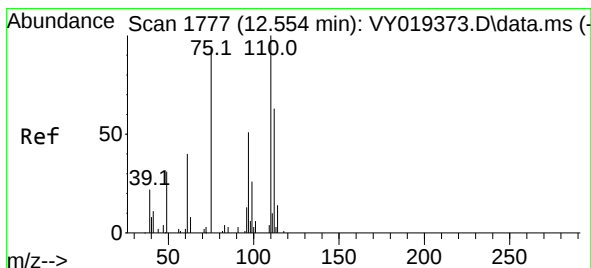
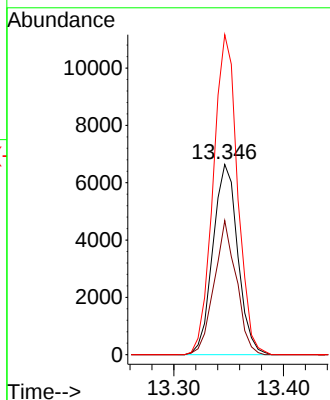
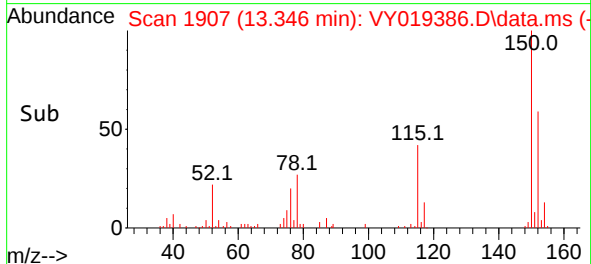


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY019386.D
 Acq: 29 Aug 2024 22:10

Instrument :
 MSVOA_Y
 ClientSampleId :

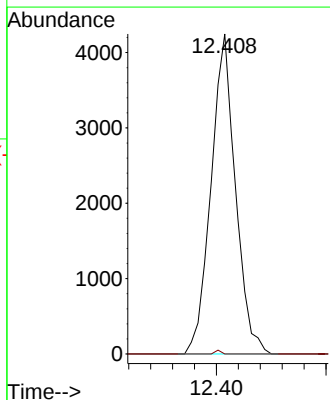
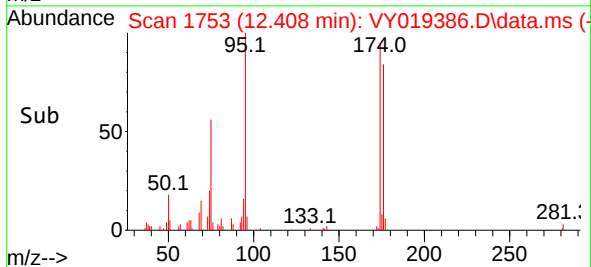
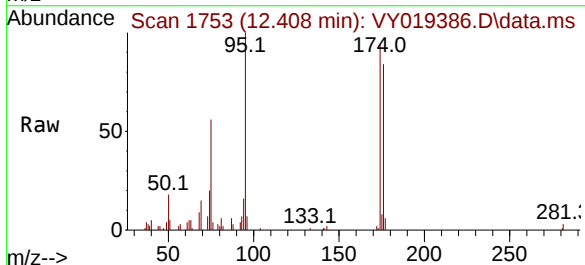


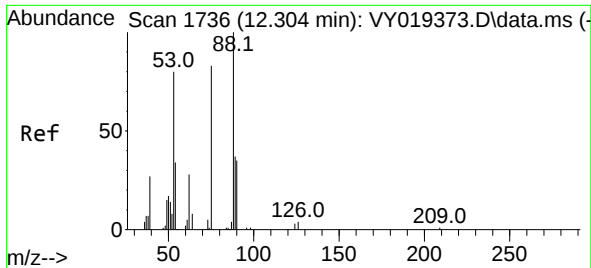
Tgt Ion:152 Resp: 10472
 Ion Ratio Lower Upper
 152 100
 115 62.9 28.2 84.7
 150 164.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 71.484 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY019386.D
 Acq: 29 Aug 2024 22:10

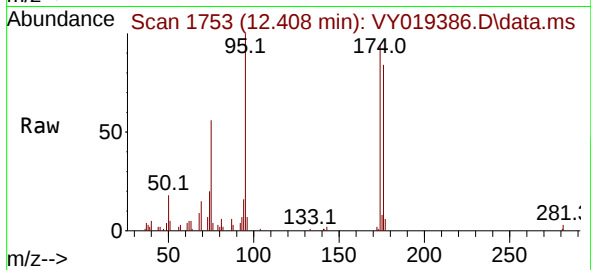
Tgt Ion: 75 Resp: 6574
 Ion Ratio Lower Upper
 75 100
 77 0.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 176.856 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY019386.D
Acq: 29 Aug 2024 22:10

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	6574
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

