

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020044.D
 Acq On : 28 Oct 2024 17:28
 Operator : SY/MD
 Sample : P4567-07
 Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 02:00:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

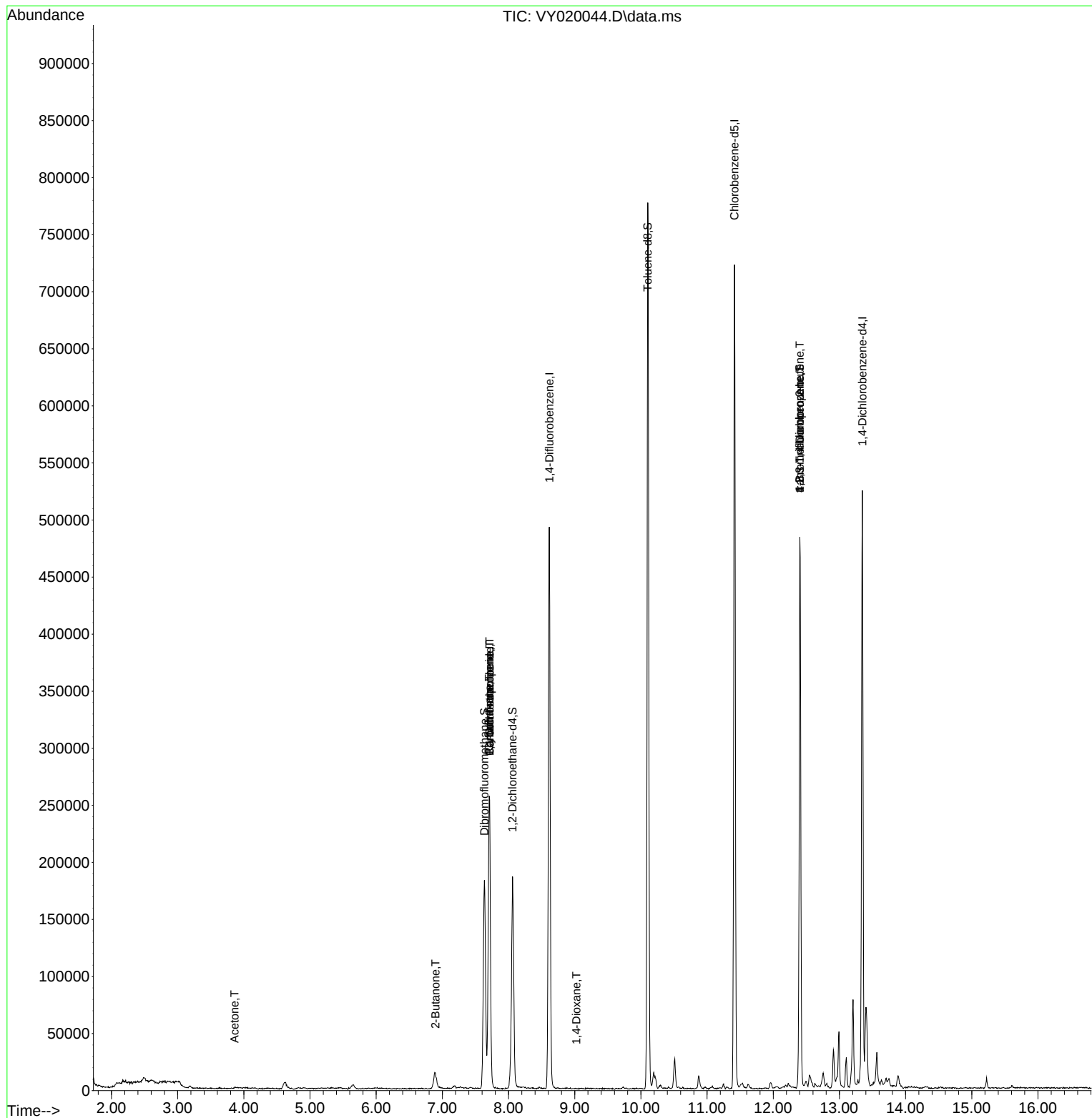
Internal Standards						
1) Pentafluorobenzene	7.713	168	180740	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	382823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	350087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	131264	58.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.960%	
35) Dibromofluoromethane	7.634	113	127383	50.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.840%	
50) Toluene-d8	10.103	98	477706	51.207	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.401	95	139811	41.477	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	1430	Below Cal	#	88
16) Acetone	3.860	43	1030	1.778	ug/l #	56
25) 2-Butanone	6.896	43	1324	1.707	ug/l #	41
31) Cyclohexane	7.707	56	5911	1.590	ug/l #	45
36) 1,1-Dichloropropene	7.713	75	18742	5.150	ug/l #	49
38) Carbon Tetrachloride	7.713	117	20870	5.349	ug/l #	17
49) 1,4-Dioxane	9.024	88	37	2.195	ug/l #	90
76) 1,2,3-Trichloropropane	12.401	75	81769	35.938	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	81769	145.060	ug/l #	17

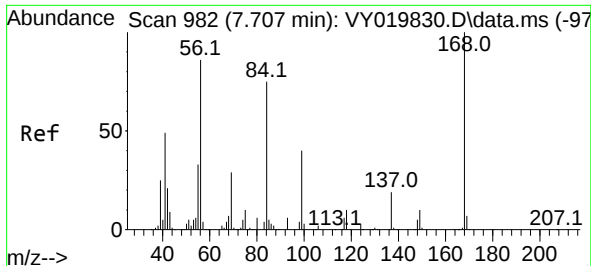
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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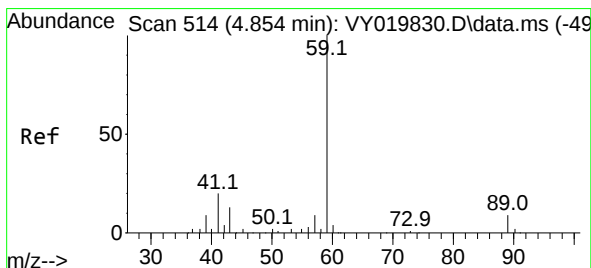
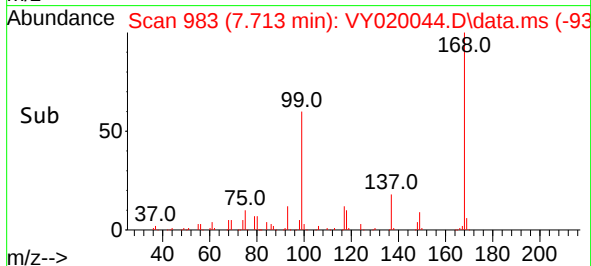
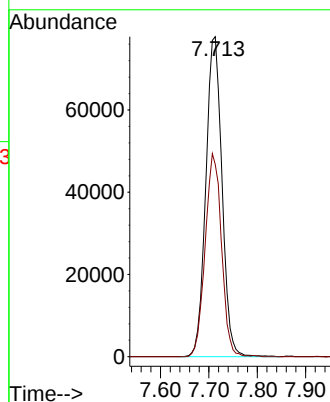
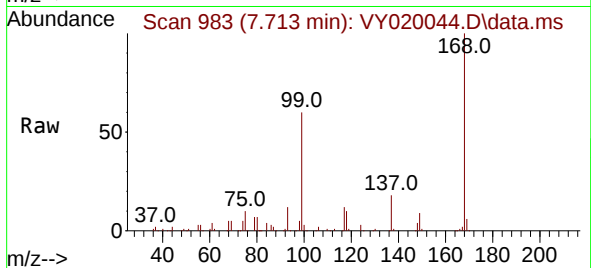




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020044.D
Acq: 28 Oct 2024 17:28

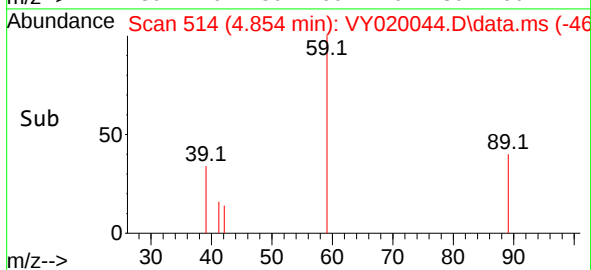
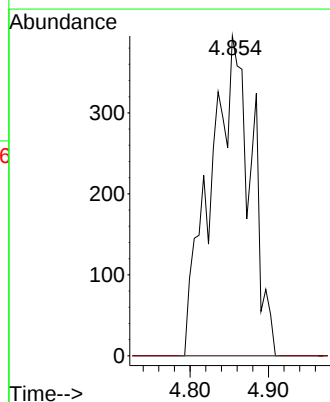
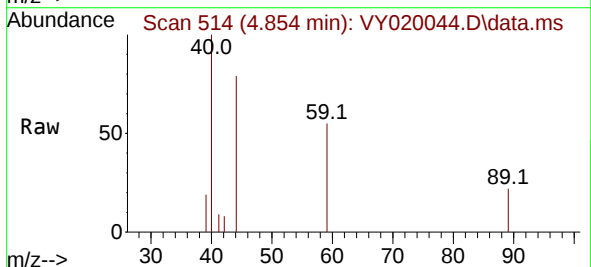
Instrument :
MSVOA_Y
ClientSampleId :

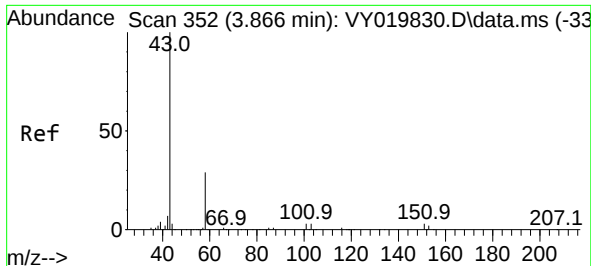
Tgt Ion:168 Resp: 180740
Ion Ratio Lower Upper
168 100
99 60.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020044.D
Acq: 28 Oct 2024 17:28

Tgt Ion: 59 Resp: 1430
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

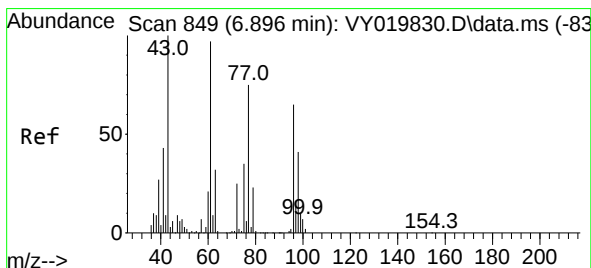
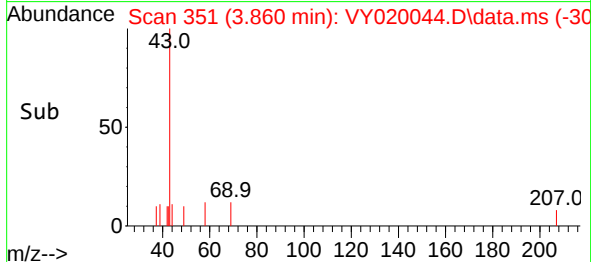
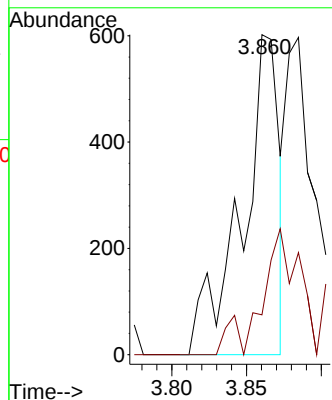
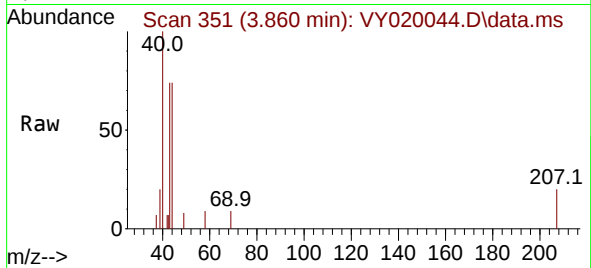




#16
Acetone
Concen: 1.778 ug/l
RT: 3.860 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY020044.D
Acq: 28 Oct 2024 17:28

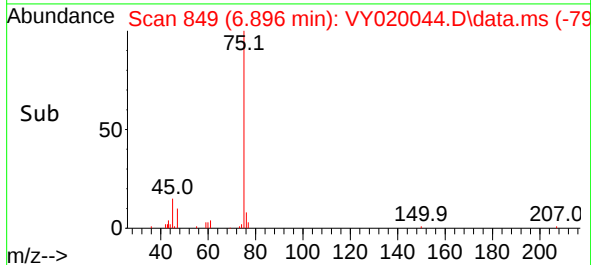
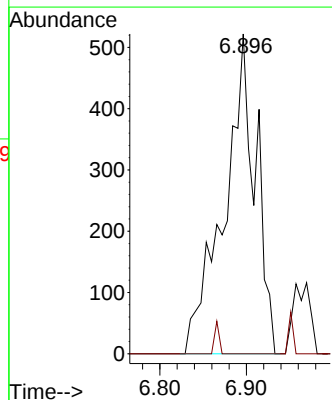
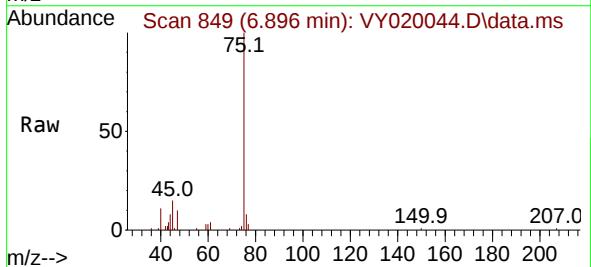
Instrument :
MSVOA_Y
ClientSampleId :

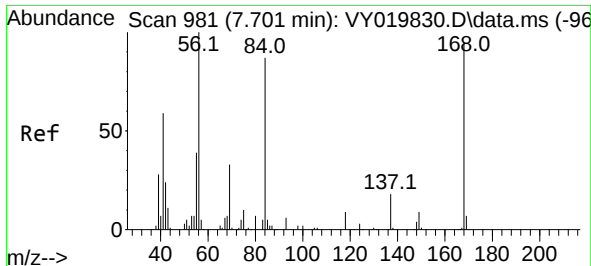
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 12.5 31.7 47.5#



#25
2-Butanone
Concen: 1.707 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020044.D
Acq: 28 Oct 2024 17:28

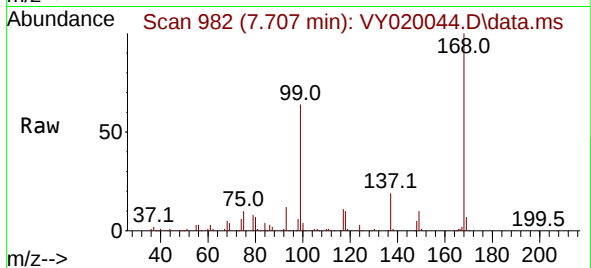
Tgt Ion: 43 Resp: 1324
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



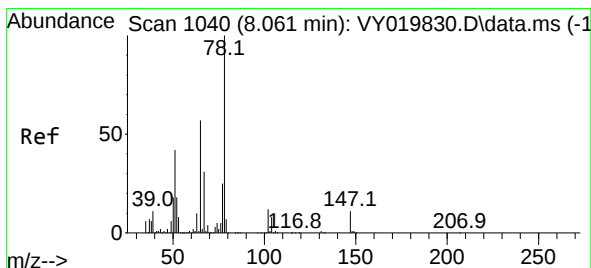
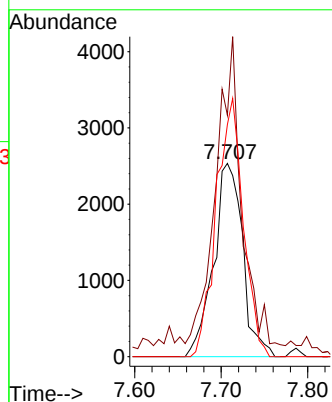
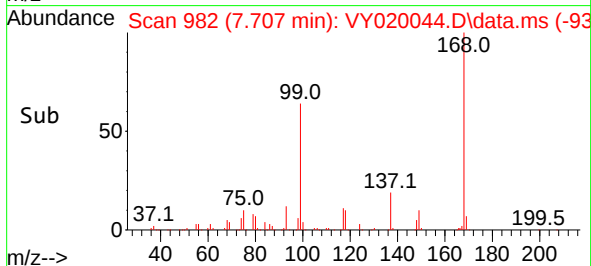


#31
Cyclohexane
Concen: 1.590 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020044.D
Acq: 28 Oct 2024 17:28

Instrument :
MSVOA_Y
ClientSampleId :

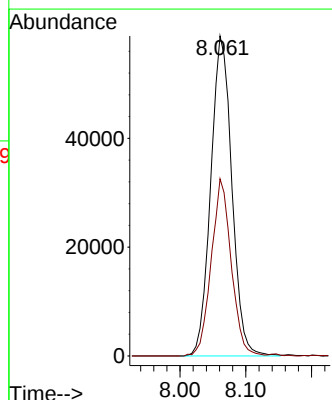
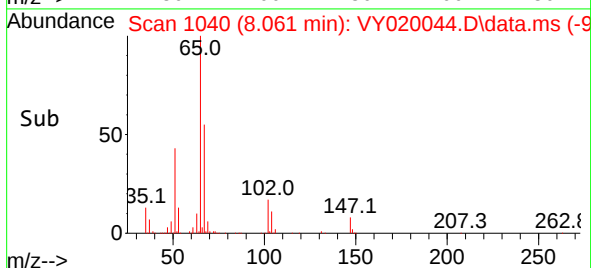
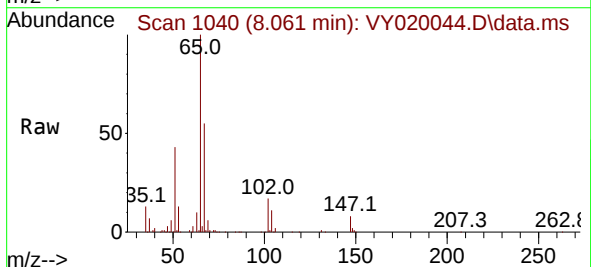


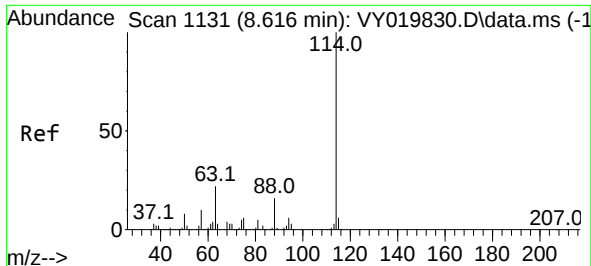
Tgt Ion: 56 Resp: 5911
Ion Ratio Lower Upper
56 100
69 118.7 28.7 43.1#
84 120.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.983 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020044.D
Acq: 28 Oct 2024 17:28

Tgt Ion: 65 Resp: 131264
Ion Ratio Lower Upper
65 100
67 52.4 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: VY020044.D

Acq: 28 Oct 2024 17:28

Instrument :

MSVOA_Y

ClientSampleId :

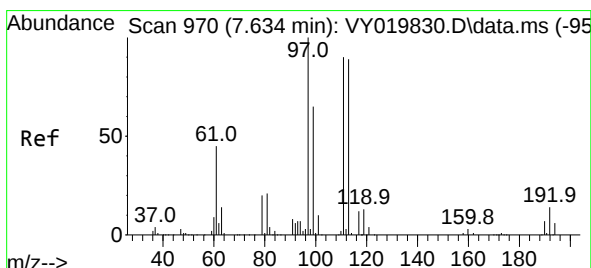
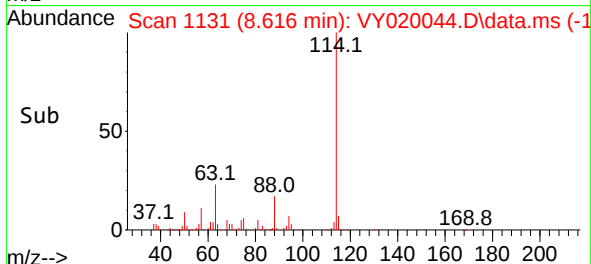
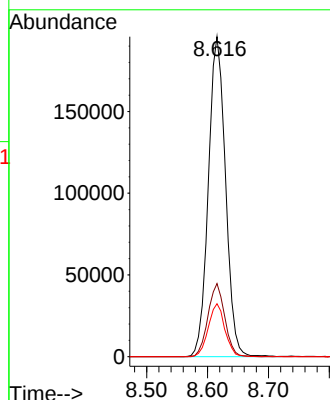
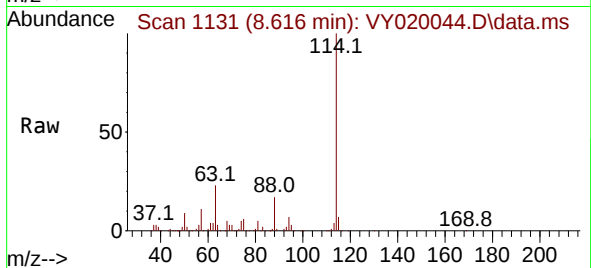
Tgt Ion:114 Resp: 382823

Ion Ratio Lower Upper

114 100

63 22.9 0.0 35.0

88 16.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.425 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020044.D

Acq: 28 Oct 2024 17:28

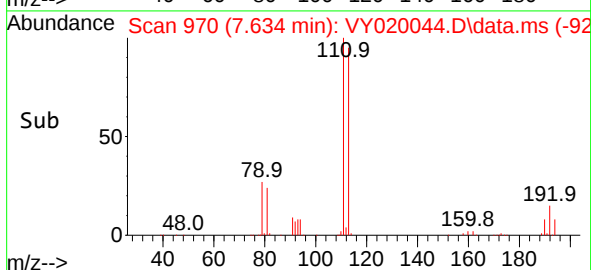
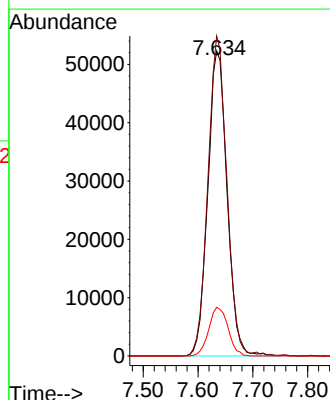
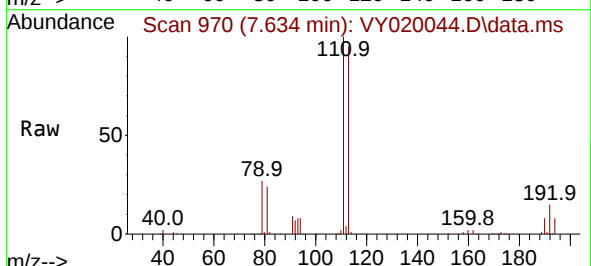
Tgt Ion:113 Resp: 127383

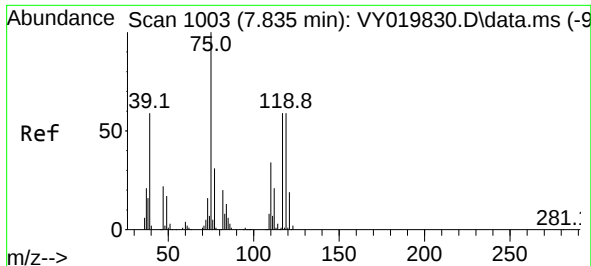
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 16.0 15.9 23.9

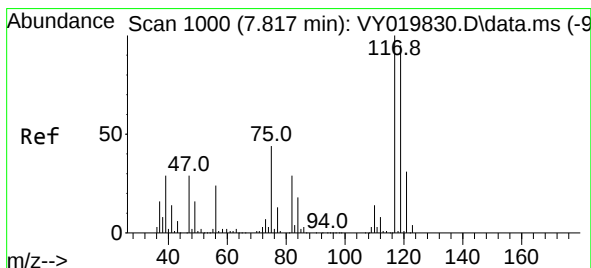
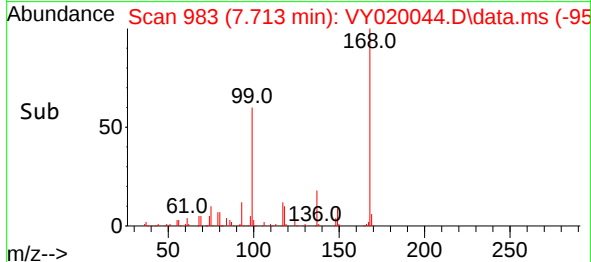
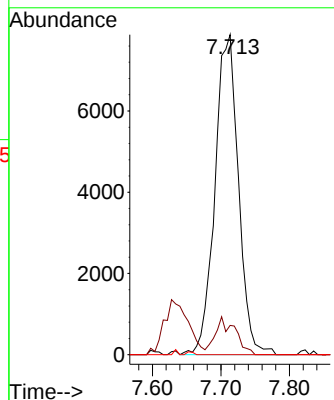
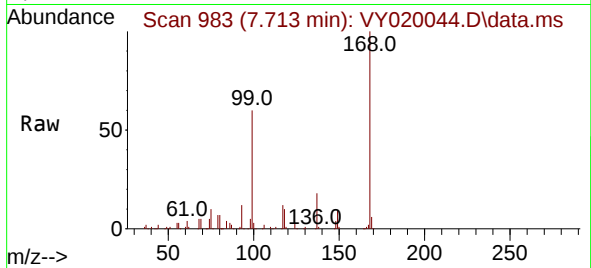




#36
 1,1-Dichloropropene
 Concen: 5.150 ug/l
 RT: 7.713 min Scan# 983
 Delta R.T. -0.122 min
 Lab File: VY020044.D
 Acq: 28 Oct 2024 17:28

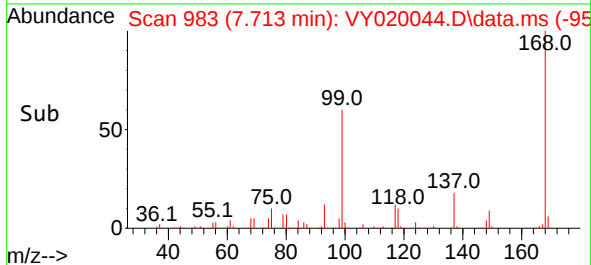
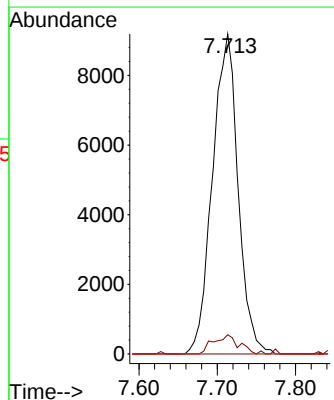
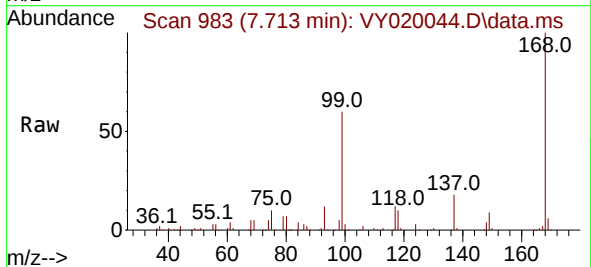
Instrument :
 MSVOA_Y
 ClientSampleId :

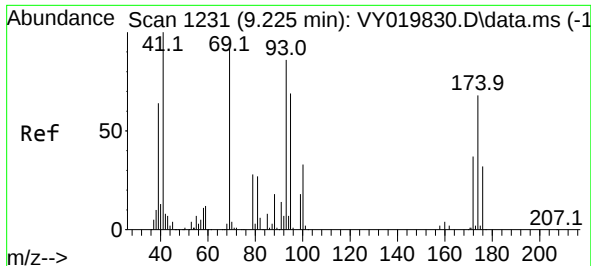
Tgt Ion: 75 Resp: 18742
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.349 ug/l
 RT: 7.713 min Scan# 983
 Delta R.T. -0.103 min
 Lab File: VY020044.D
 Acq: 28 Oct 2024 17:28

Tgt Ion: 117 Resp: 20870
 Ion Ratio Lower Upper
 117 100
 119 6.0 75.8 113.6#
 121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.195 ug/l

RT: 9.024 min Scan# 1198

Delta R.T. -0.207 min

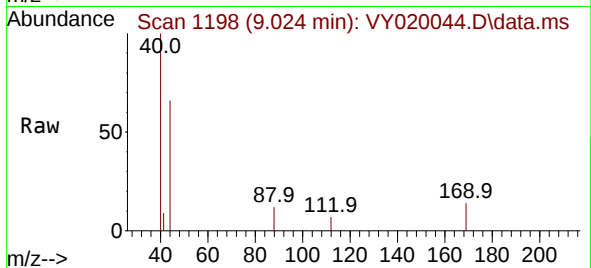
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Acq: 28 Oct 2024 17:28

Instrument :

MSVOA_Y

ClientSampleId :



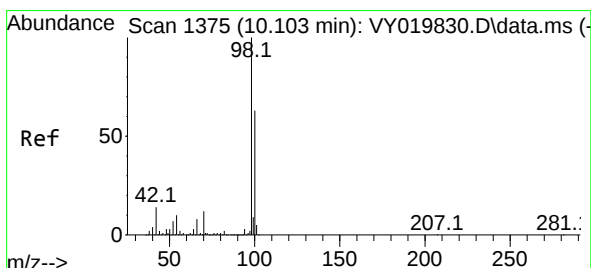
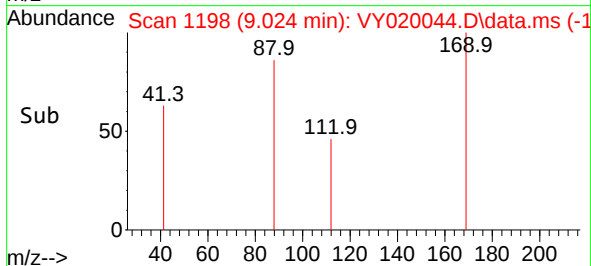
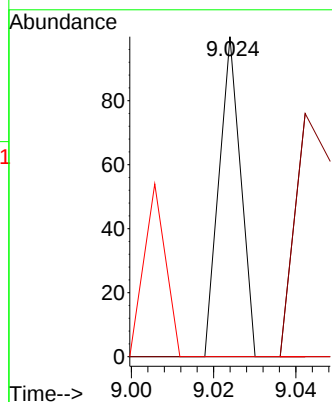
Tgt Ion: 88 Resp: 37

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 54.1 49.3 73.9



#50

Toluene-d8

Concen: 51.207 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020044.D

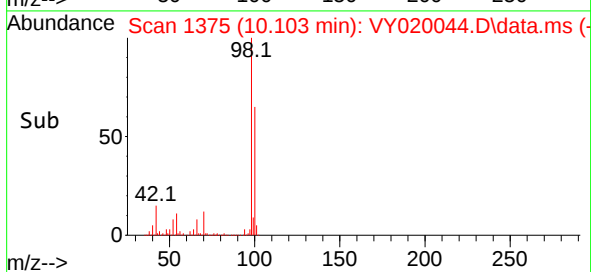
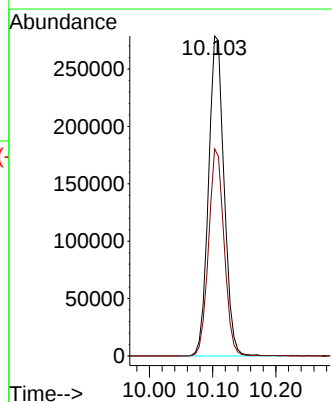
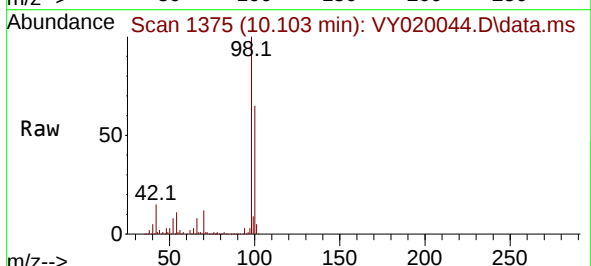
Acq: 28 Oct 2024 17:28

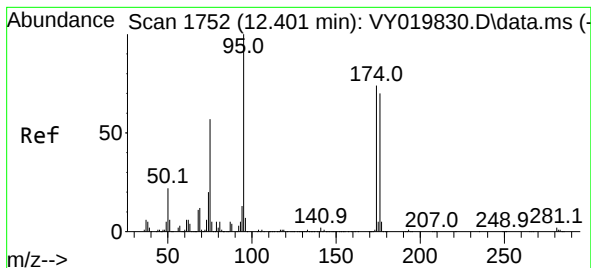
Tgt Ion: 98 Resp: 477706

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

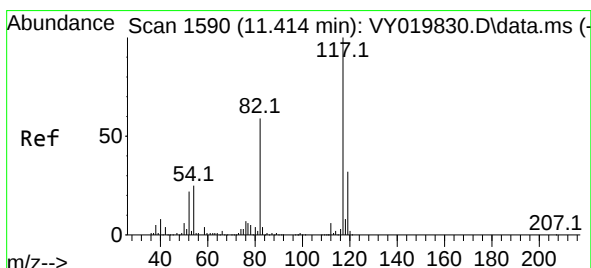
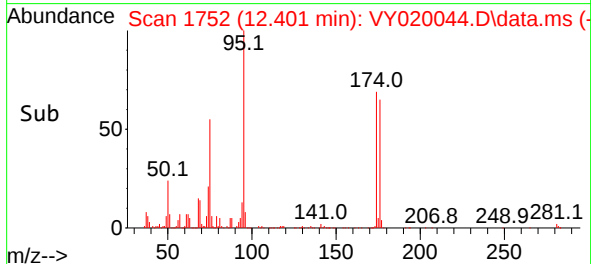
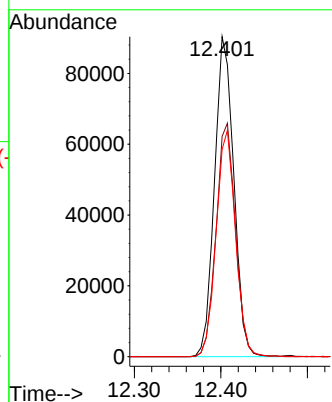
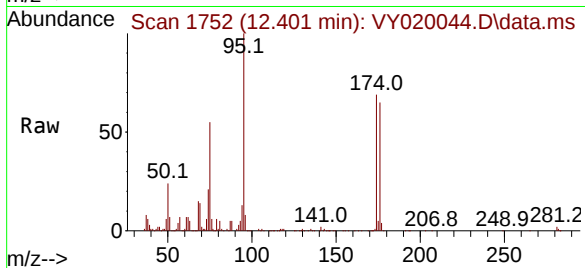




#62
4-Bromofluorobenzene
Concen: 41.477 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020044.D
Acq: 28 Oct 2024 17:28

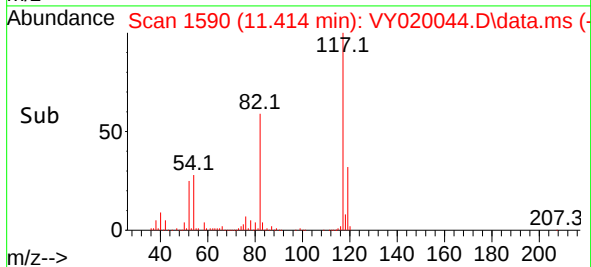
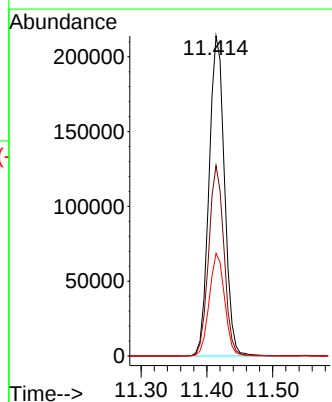
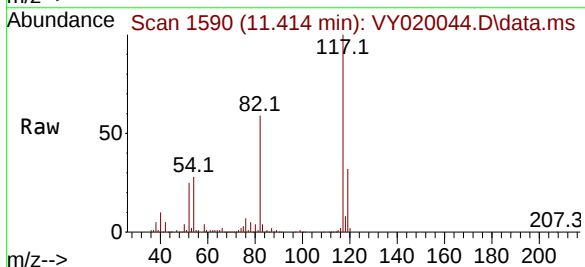
Instrument :
MSVOA_Y
ClientSampleId :

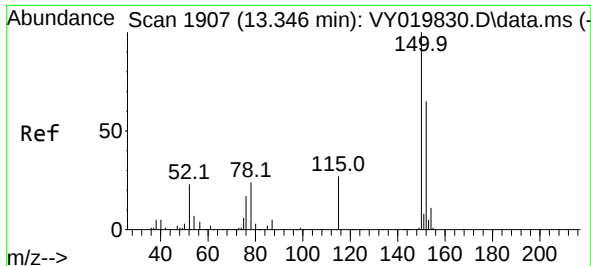
Tgt Ion: 95 Resp: 139811
Ion Ratio Lower Upper
95 100
174 73.6 0.0 175.6
176 71.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020044.D
Acq: 28 Oct 2024 17:28

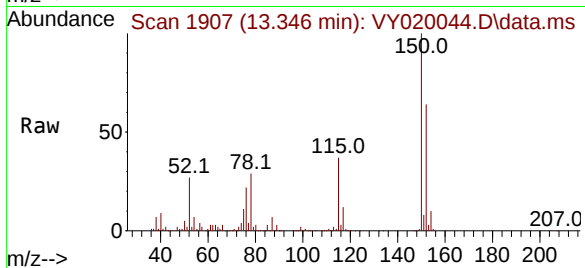
Tgt Ion: 117 Resp: 350087
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.0 25.9 38.9



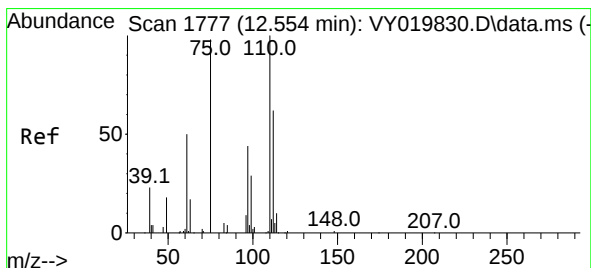
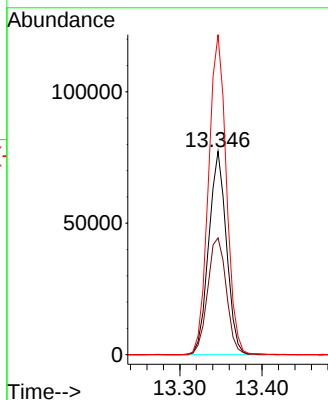
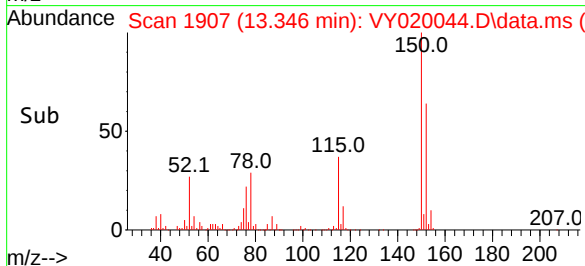


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020044.D
 Acq: 28 Oct 2024 17:28

Instrument :
 MSVOA_Y
 ClientSampleId :

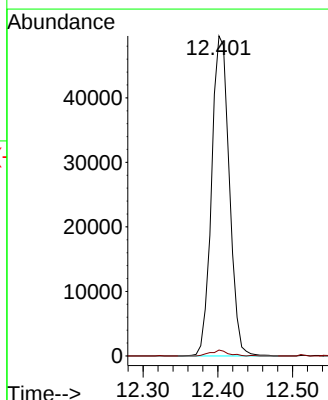
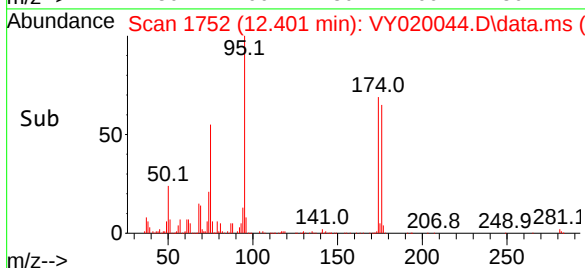
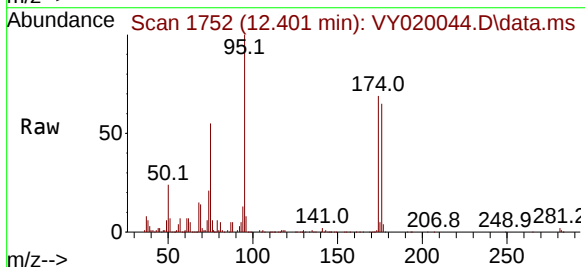


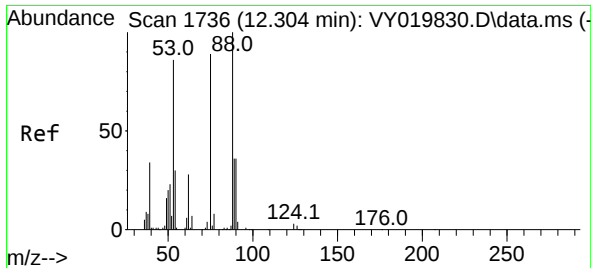
Tgt Ion:152 Resp: 116145
 Ion Ratio Lower Upper
 152 100
 115 60.7 28.2 84.7
 150 158.5 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 35.938 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020044.D
 Acq: 28 Oct 2024 17:28

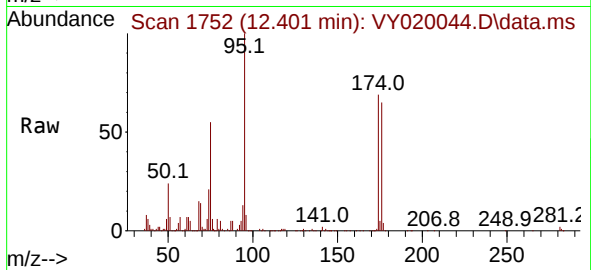
Tgt Ion: 75 Resp: 81769
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.060 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020044.D
 Acq: 28 Oct 2024 17:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.8	66.8	100.2#
89	0.1	35.8	53.6#

