

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020175.D
 Acq On : 06 Nov 2024 12:31
 Operator : SY/MD
 Sample : VY1106SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 00:23:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

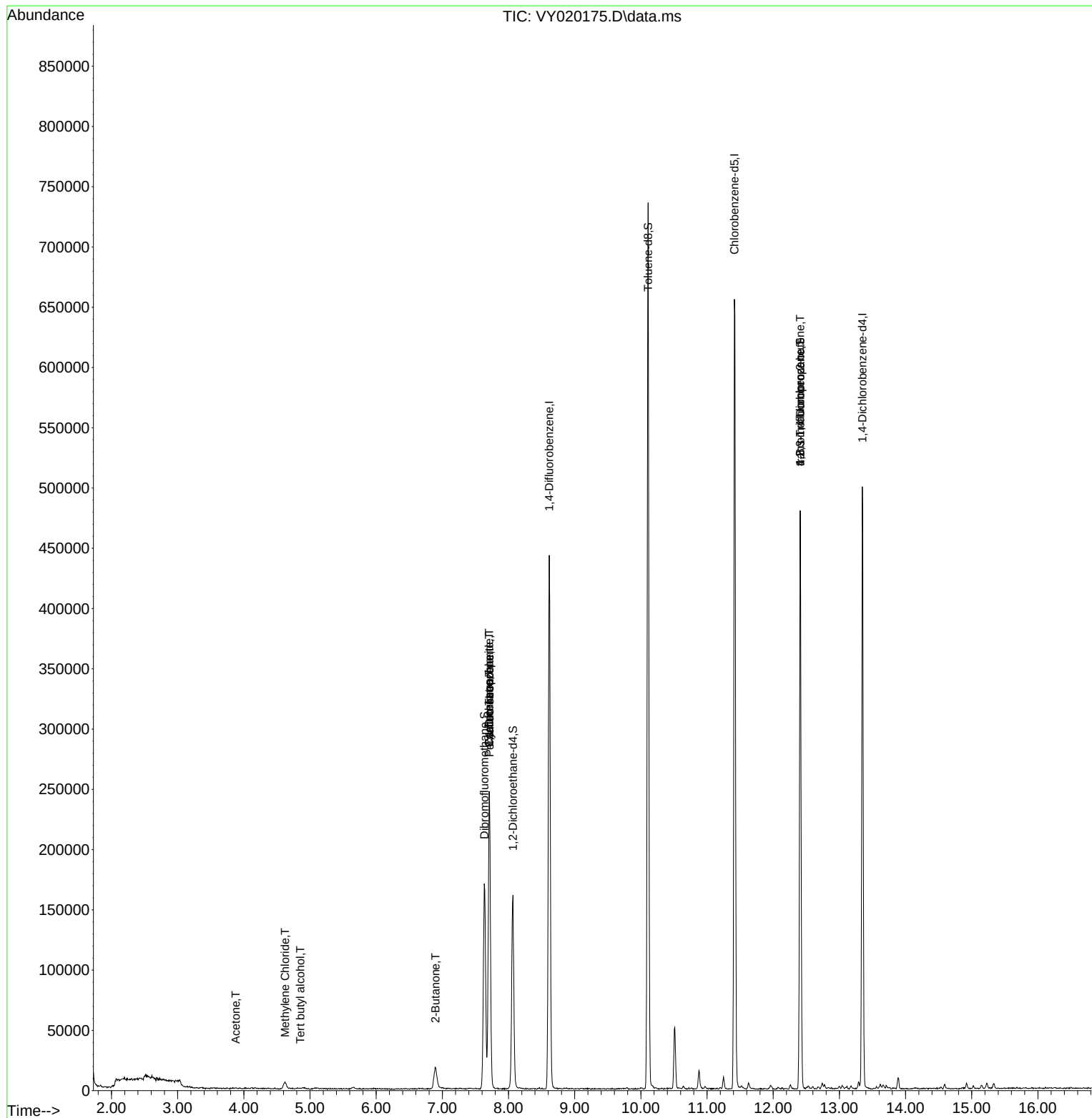
Internal Standards						
1) Pentafluorobenzene	7.713	168	171850	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	354628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	325092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	108233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	120101	55.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.000%	
35) Dibromofluoromethane	7.634	113	120982	53.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.320%	
50) Toluene-d8	10.109	98	445200	49.605	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.408	95	129178	44.313	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	273	1.770	ug/l	# 88
16) Acetone	3.879	43	917	1.838	ug/l	# 58
20) Methylene Chloride	4.622	84	3875	1.729	ug/l	88
25) 2-Butanone	6.896	43	1017	1.504	ug/l	# 71
31) Cyclohexane	7.707	56	5444	1.399	ug/l	# 48
36) 1,1-Dichloropropene	7.707	75	16914	4.856	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	19737	5.635	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	77208	76.099	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	77208	163.687	ug/l	# 16

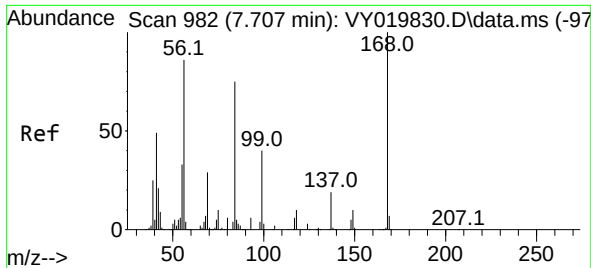
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

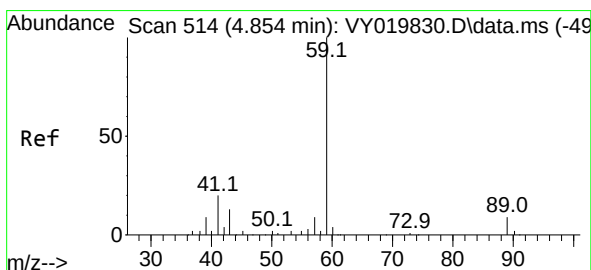
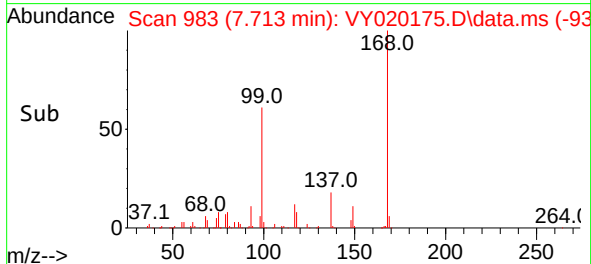
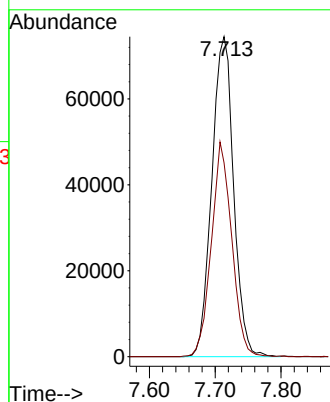
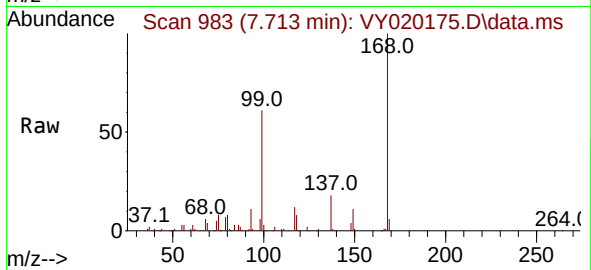




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31

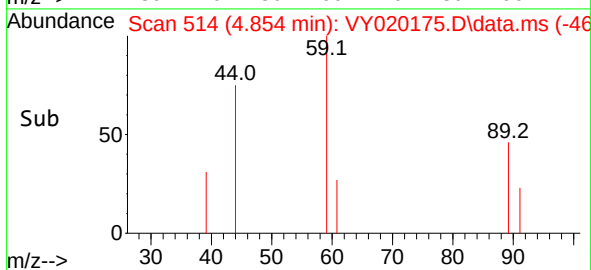
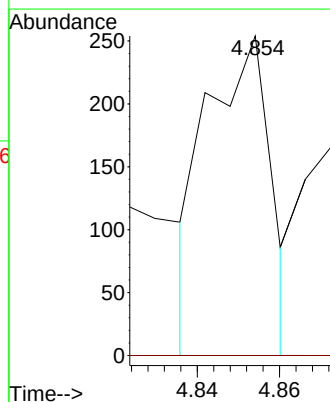
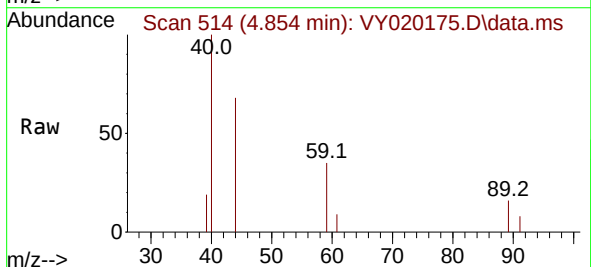
Instrument :
MSVOA_Y
ClientSampleId :

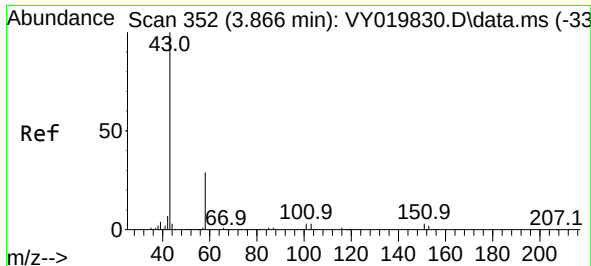
Tgt Ion:168 Resp: 171850
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.770 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31

Tgt Ion: 59 Resp: 273
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

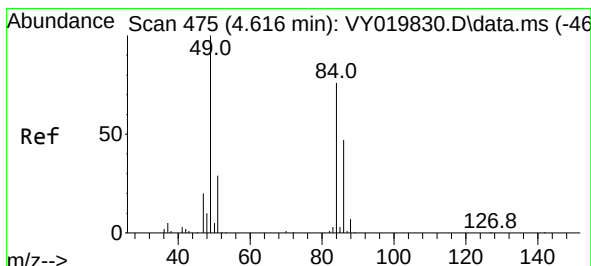
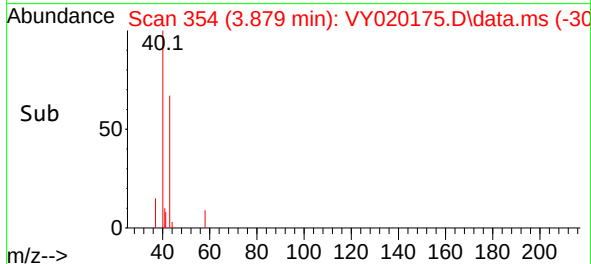
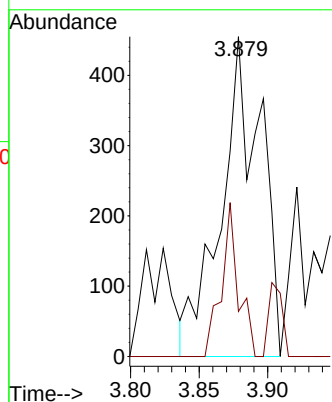
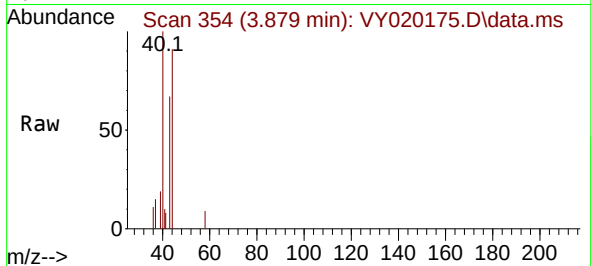




#16
Acetone
Concen: 1.838 ug/l
RT: 3.879 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31

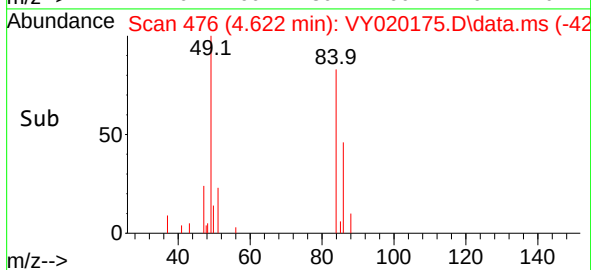
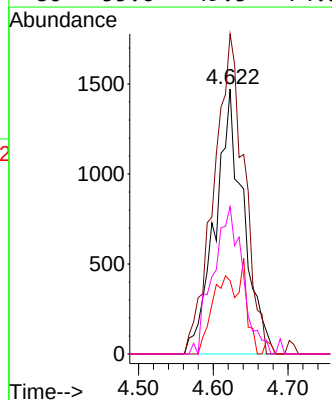
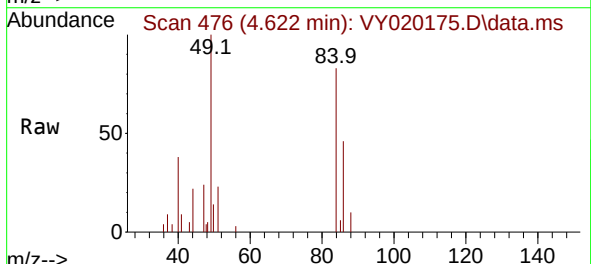
Instrument :
MSVOA_Y
ClientSampleId :

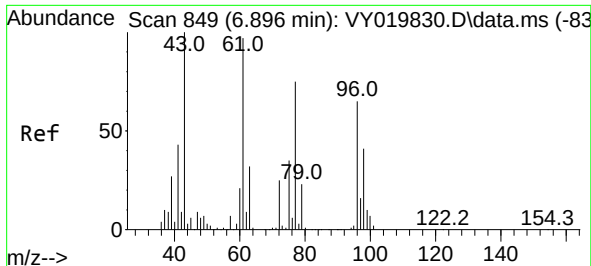
Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
58 14.1 31.7 47.5#



#20
Methylene Chloride
Concen: 1.729 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31

Tgt Ion: 84 Resp: 3875
Ion Ratio Lower Upper
84 100
49 120.8 84.4 126.6
51 27.6 26.0 39.0
86 55.6 49.5 74.3

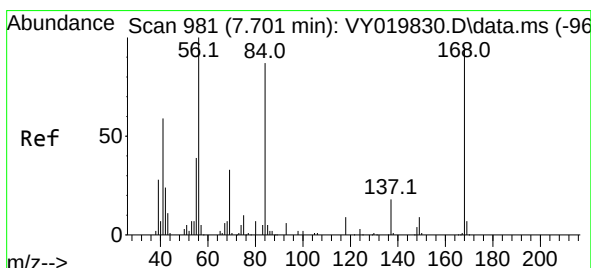
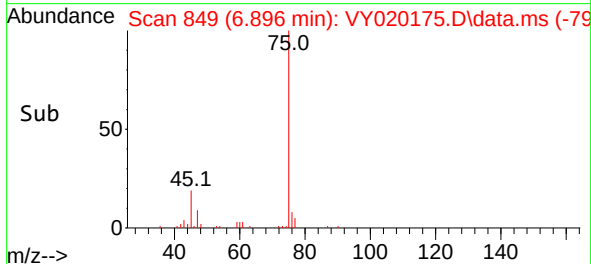
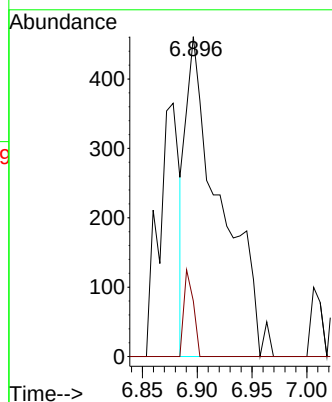
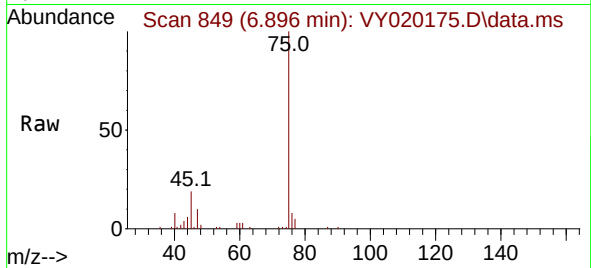




#25
2-Butanone
Concen: 1.504 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31

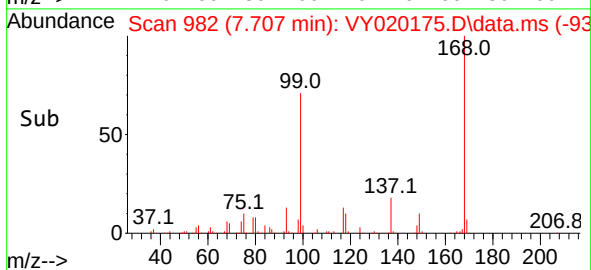
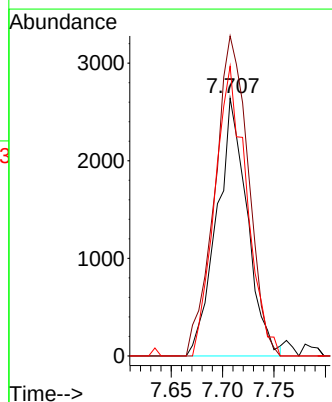
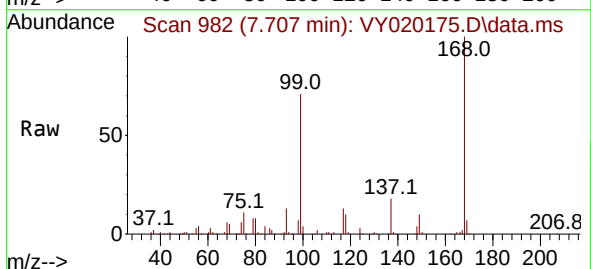
Instrument :
MSVOA_Y
ClientSampleId :

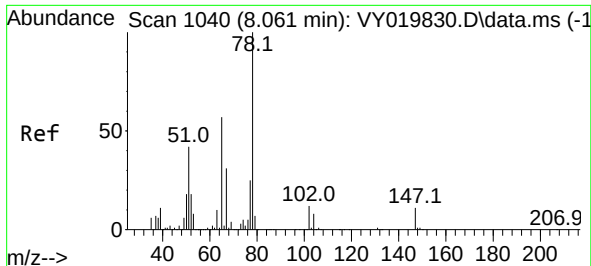
Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
72 17.4 27.3 40.9#



#31
Cyclohexane
Concen: 1.399 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31

Tgt Ion: 56 Resp: 5444
Ion Ratio Lower Upper
56 100
69 124.2 28.7 43.1#
84 112.4 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 55.996 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY020175.D

Acq: 06 Nov 2024 12:31

Instrument :

MSVOA_Y

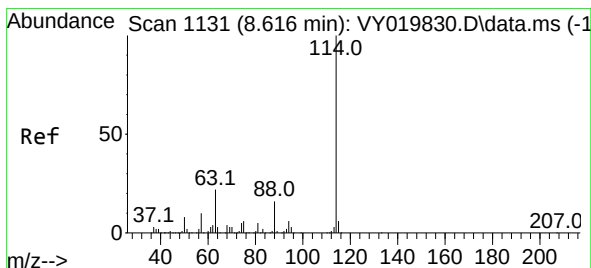
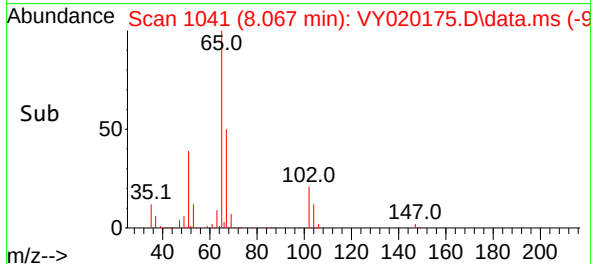
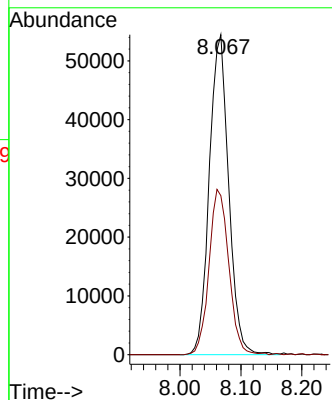
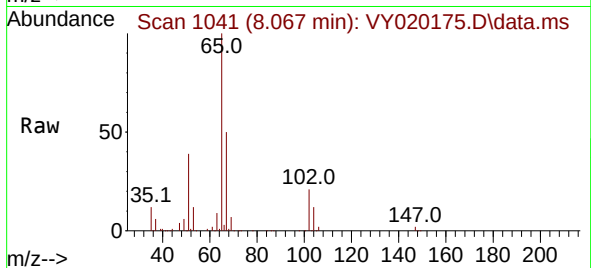
ClientSampleId :

Tgt Ion: 65 Resp: 120101

Ion Ratio Lower Upper

65 100

67 52.8 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: VY020175.D

Acq: 06 Nov 2024 12:31

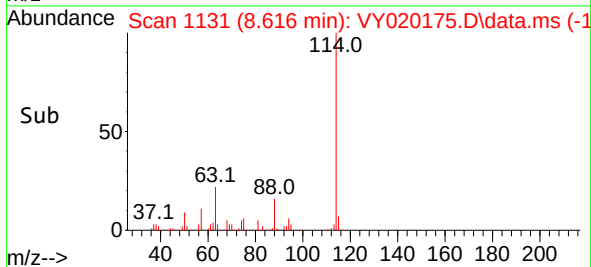
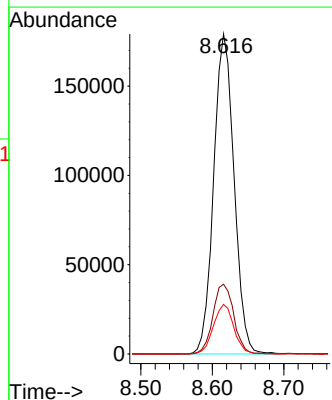
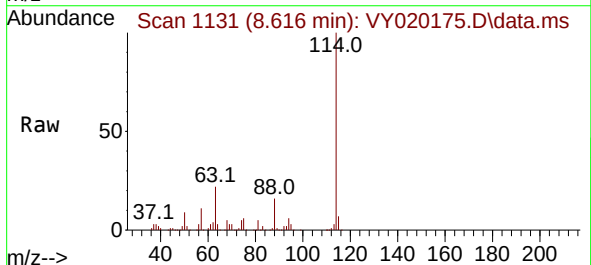
Tgt Ion: 114 Resp: 354628

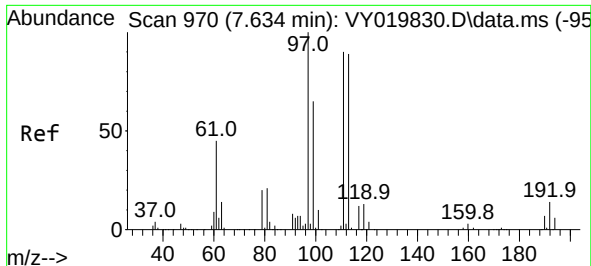
Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.0

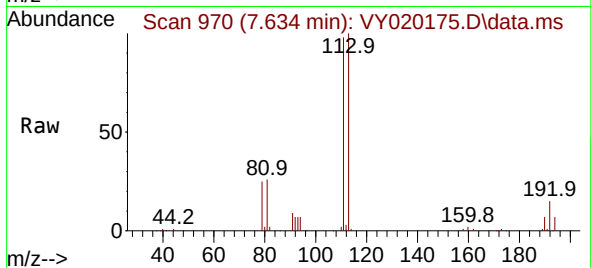
88 15.5 0.0 27.2



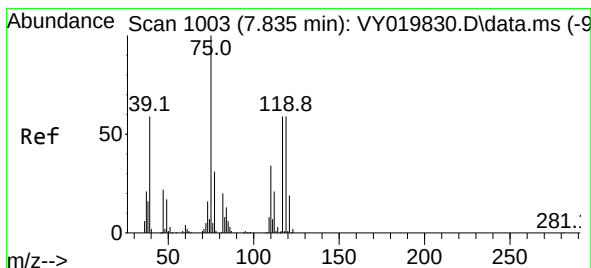
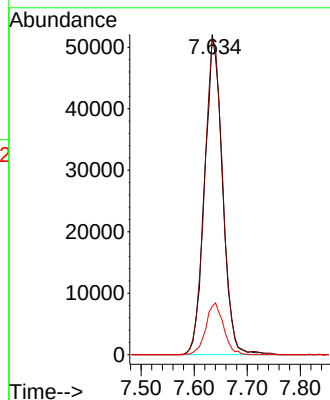
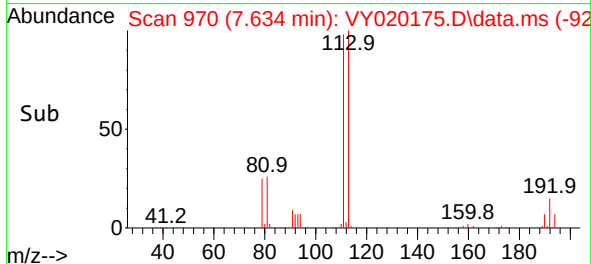


#35
Dibromofluoromethane
Concen: 53.658 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31

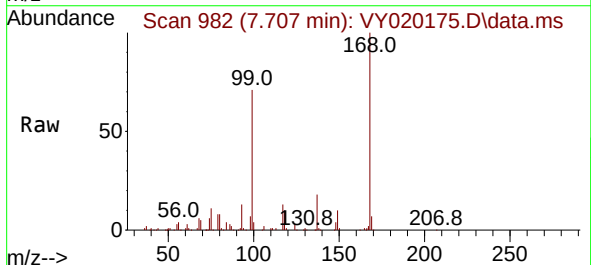
Instrument :
MSVOA_Y
ClientSampleId :



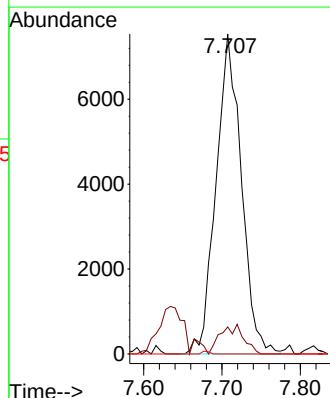
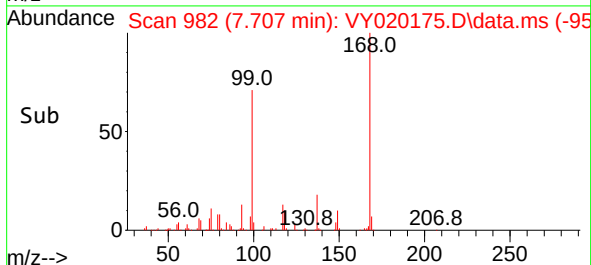
Tgt Ion:113 Resp: 120982
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 16.1 15.9 23.9

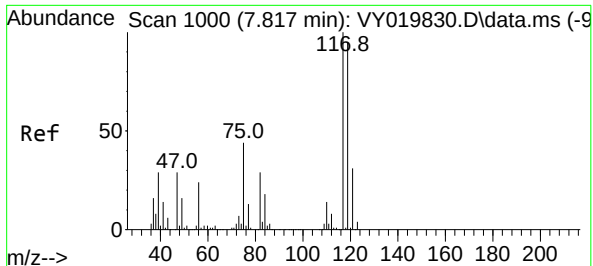


#36
1,1-Dichloropropene
Concen: 4.856 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31



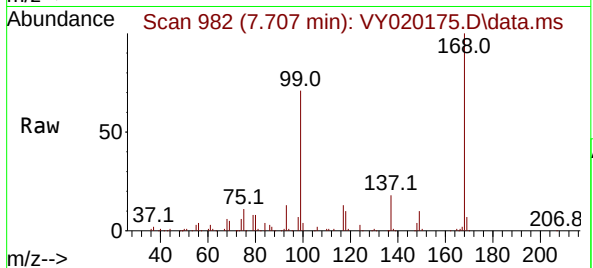
Tgt Ion: 75 Resp: 16914
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#



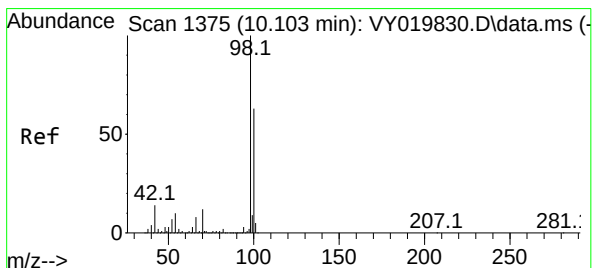
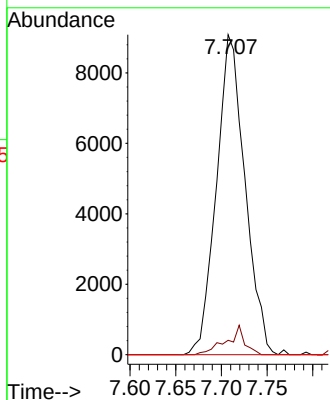
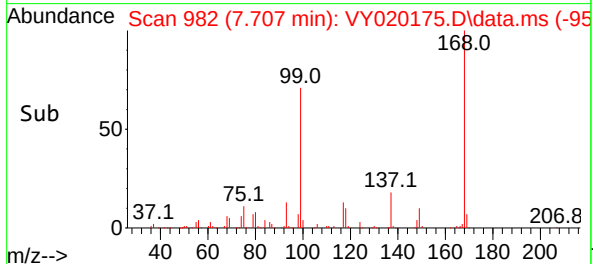


#38
Carbon Tetrachloride
Concen: 5.635 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31

Instrument :
MSVOA_Y
ClientSampleId :

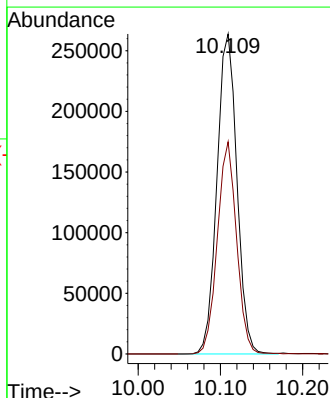
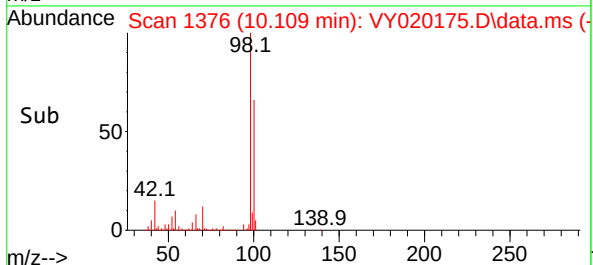
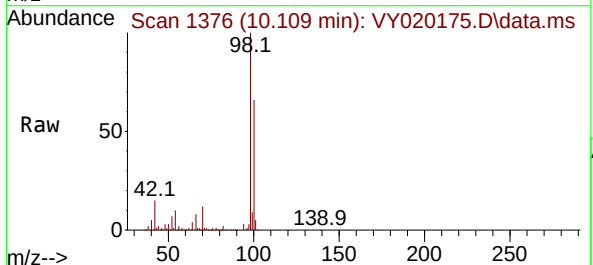


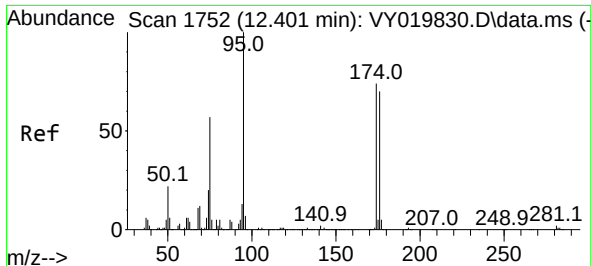
Tgt Ion:117 Resp: 19737
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.605 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31

Tgt Ion: 98 Resp: 445200
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

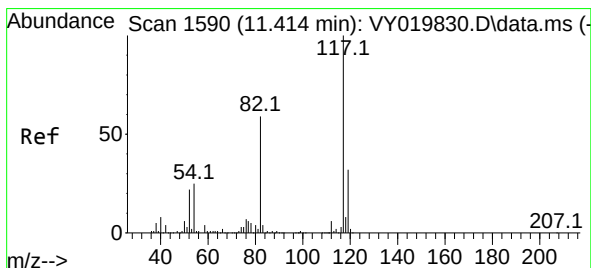
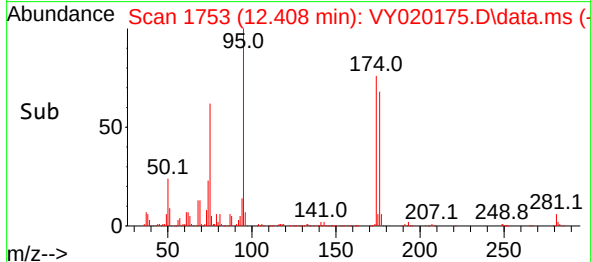
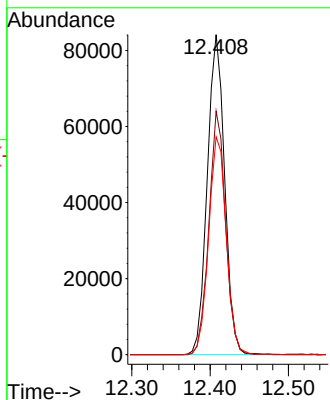
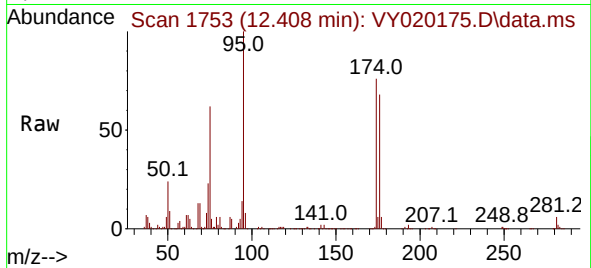




#62
4-Bromofluorobenzene
Concen: 44.313 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31

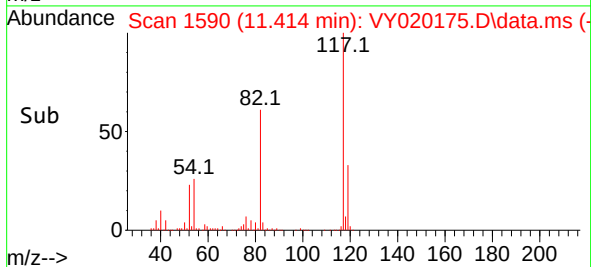
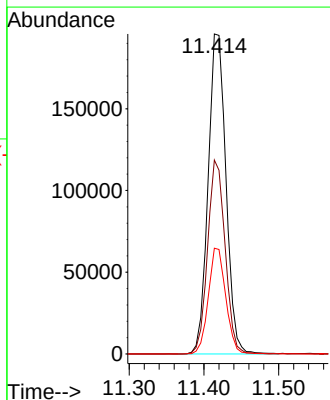
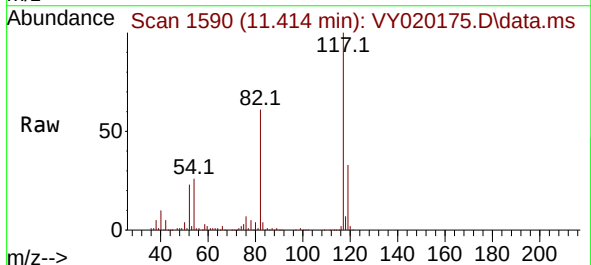
Instrument :
MSVOA_Y
ClientSampleId :

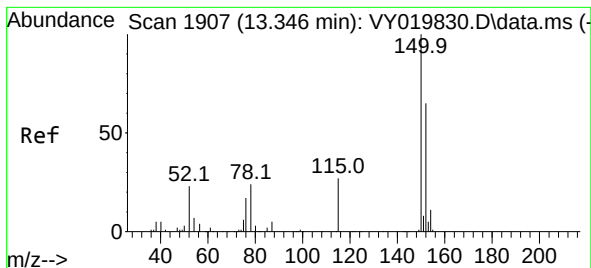
Tgt Ion: 95 Resp: 129178
Ion Ratio Lower Upper
95 100
174 73.3 0.0 175.6
176 69.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31

Tgt Ion: 117 Resp: 325092
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 33.1 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

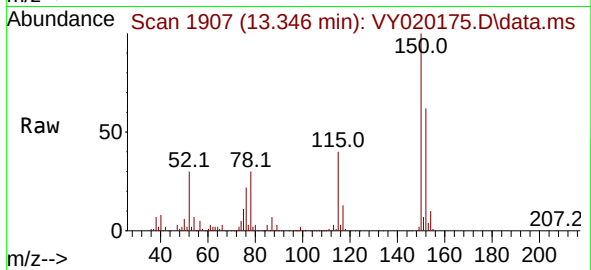
Lab File: VY020175.D

Acq: 06 Nov 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :



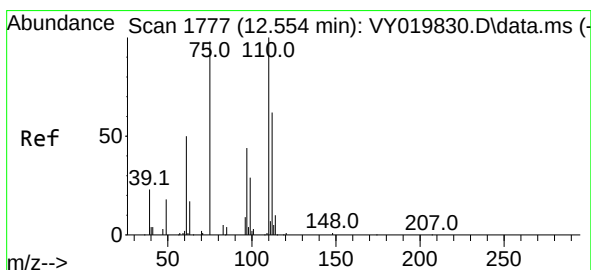
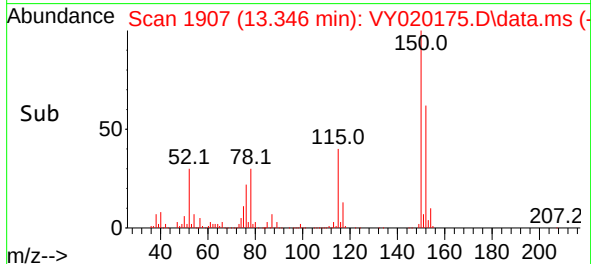
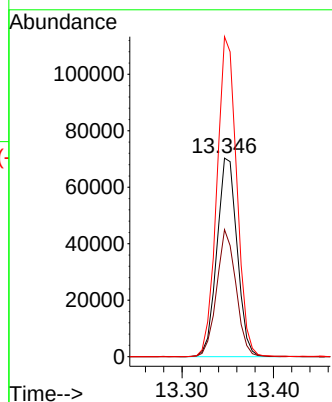
Tgt Ion:152 Resp: 108233

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 157.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 76.099 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020175.D

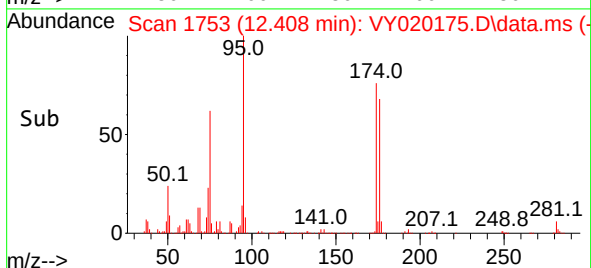
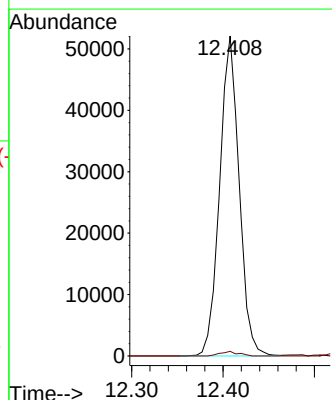
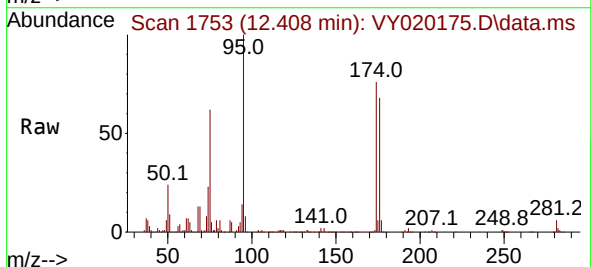
Acq: 06 Nov 2024 12:31

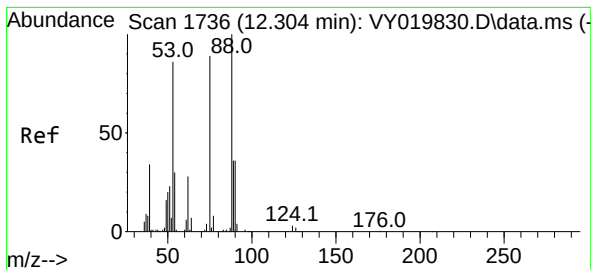
Tgt Ion: 75 Resp: 77208

Ion Ratio Lower Upper

75 100

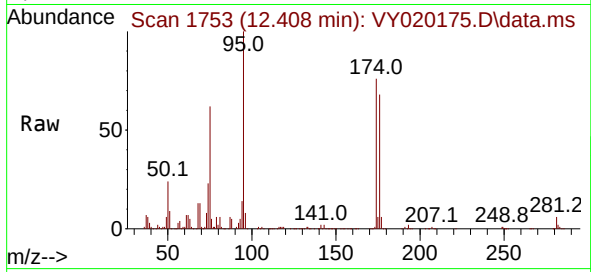
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 163.687 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020175.D
Acq: 06 Nov 2024 12:31

Instrument :
MSVOA_Y
ClientSampleId :



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

