

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019992.D
 Acq On : 23 Oct 2024 14:22
 Operator : SY/MD
 Sample : P4487-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 23:08:14 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)

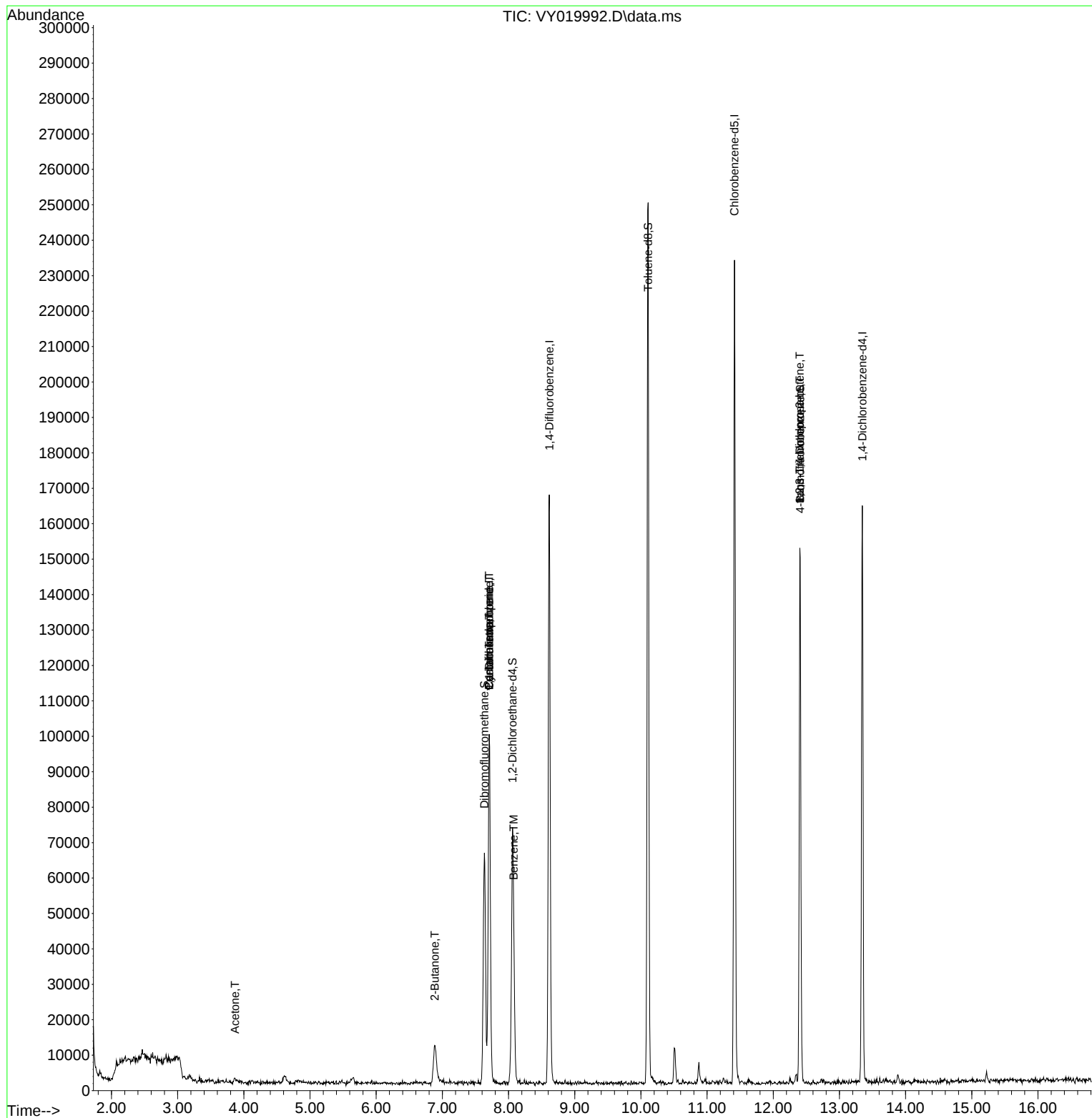
Internal Standards						
1) Pentafluorobenzene	7.707	168	66213	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	132562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	115627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	36164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	50544	61.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.000%	
35) Dibromofluoromethane	7.634	113	45393	51.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.780%	
50) Toluene-d8	10.109	98	157018	48.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	12.408	95	45884	39.310	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 78.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	302	Below Cal	#	78
16) Acetone	3.866	43	1576	7.426	ug/l	91
25) 2-Butanone	6.884	43	907	3.193	ug/l	# 41
31) Cyclohexane	7.707	56	1985	1.457	ug/l	# 39
36) 1,1-Dichloropropene	7.707	75	6767	5.370	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	7797	5.771	ug/l	# 16
40) Benzene	8.079	78	11686	3.064	ug/l	97
76) 1,2,3-Trichloropropane	12.402	75	27977	39.490	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	27977	159.399	ug/l	# 16

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

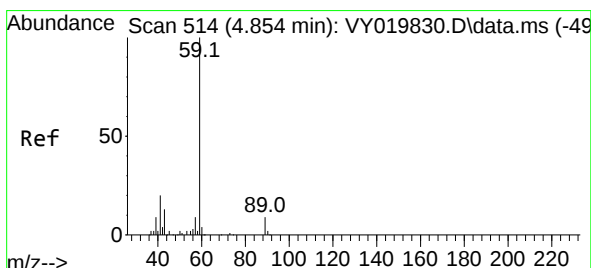
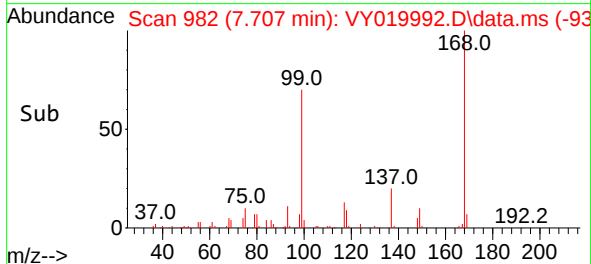
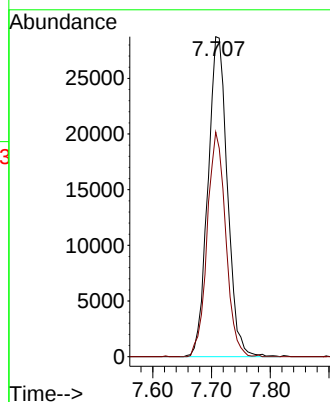
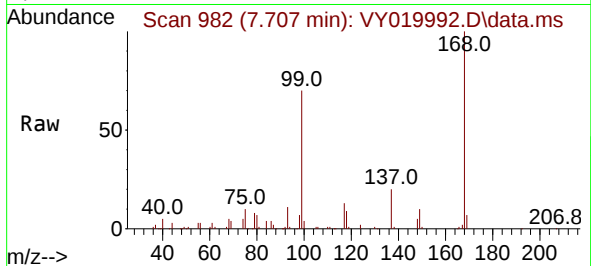




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

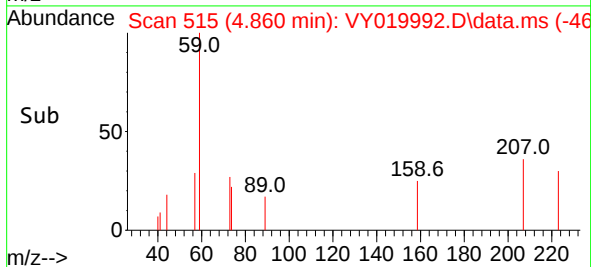
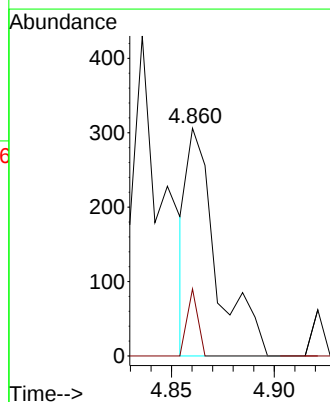
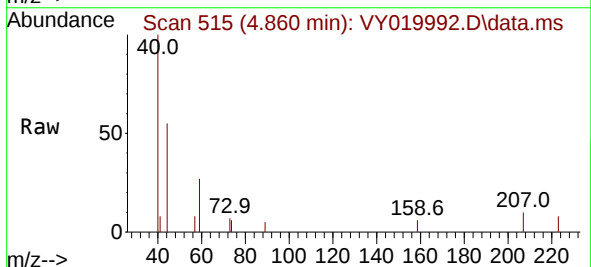
Instrument :
MSVOA_Y
ClientSampleId :

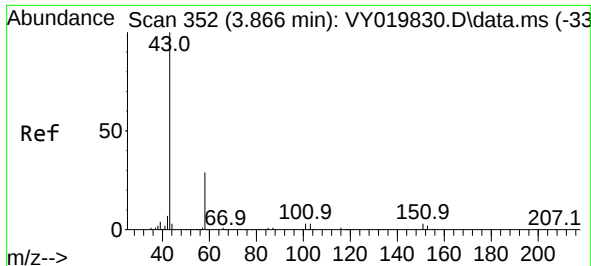
Tgt Ion:168 Resp: 66213
Ion Ratio Lower Upper
168 100
99 70.2 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

Tgt Ion: 59 Resp: 302
Ion Ratio Lower Upper
59 100
57 10.9 3.0 4.6#

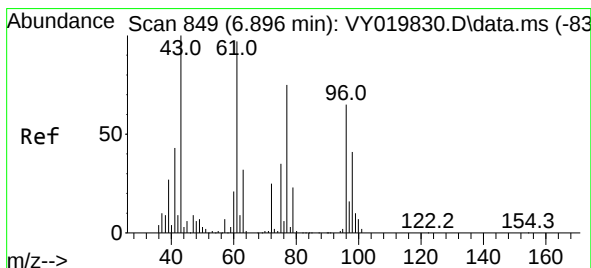
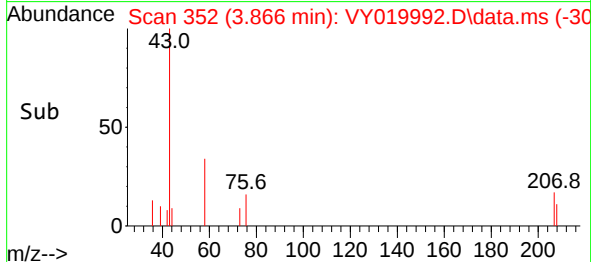
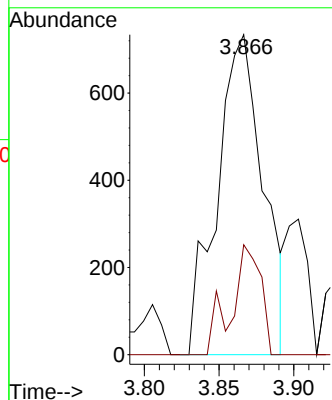
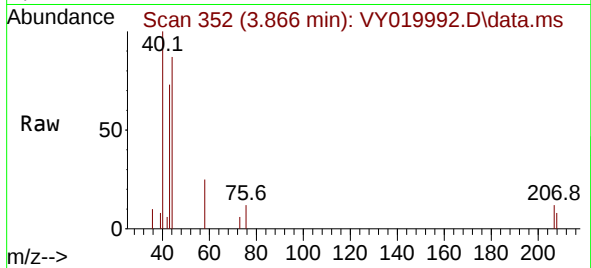




#16
Acetone
Concen: 7.426 ug/l
RT: 3.866 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

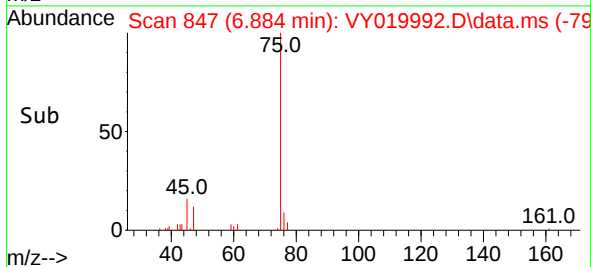
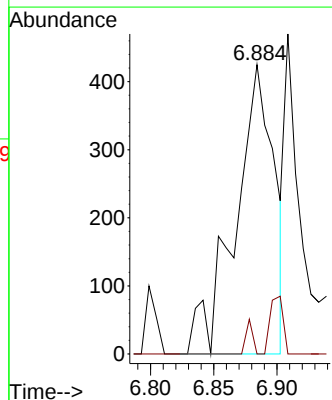
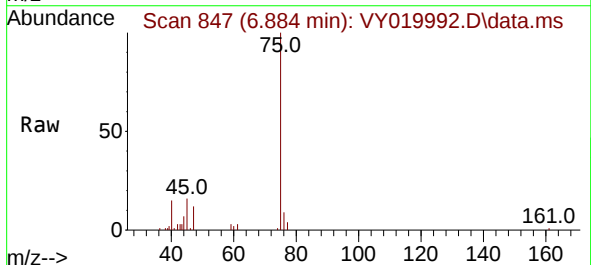
Instrument :
MSVOA_Y
ClientSampleId :

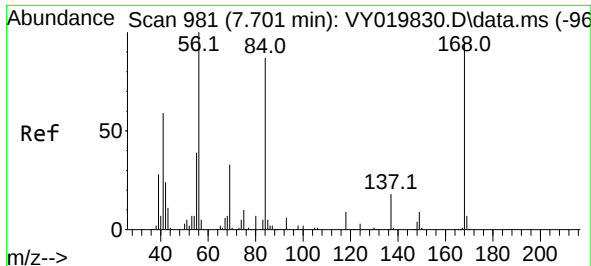
Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 34.3 31.7 47.5



#25
2-Butanone
Concen: 3.193 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

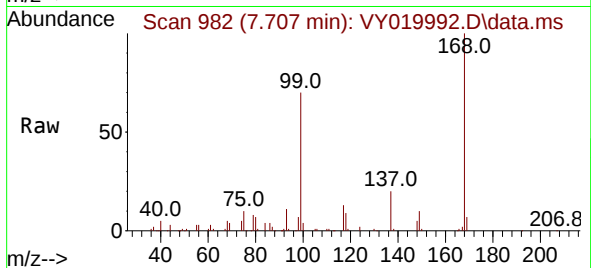
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



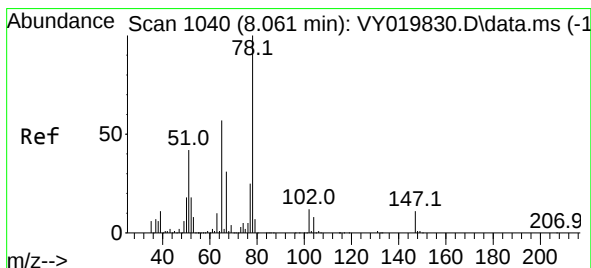
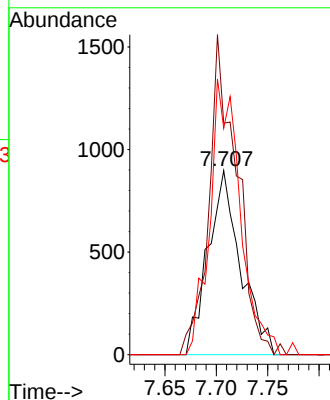
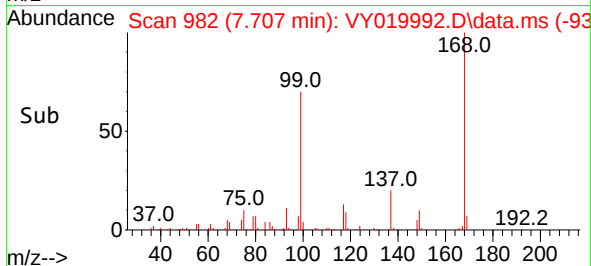


#31
Cyclohexane
Concen: 1.457 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

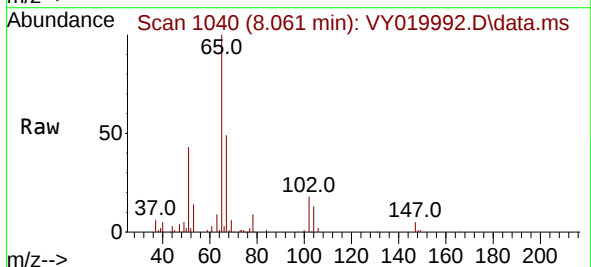
Instrument :
MSVOA_Y
ClientSampleId :



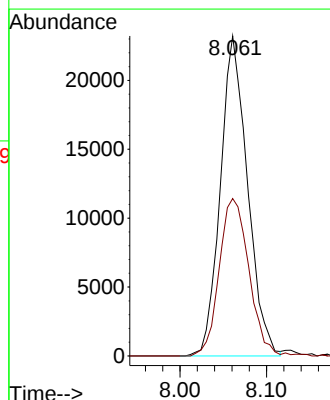
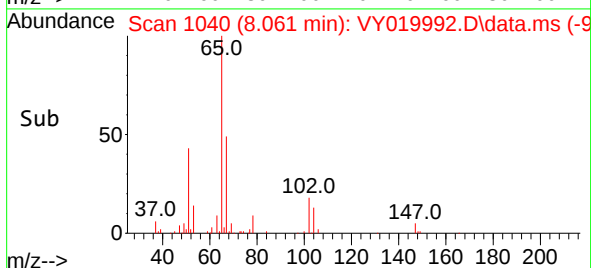
Tgt Ion: 56 Resp: 1985
Ion Ratio Lower Upper
56 100
69 125.9 28.7 43.1#
84 123.1 77.7 116.5#

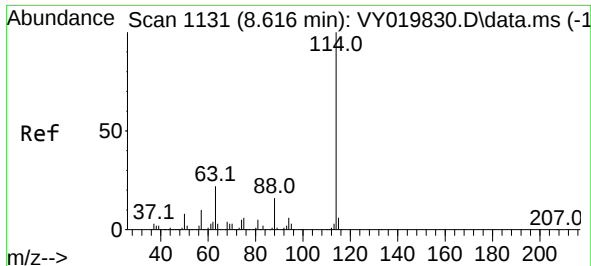


#33
1,2-Dichloroethane-d4
Concen: 61.996 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22



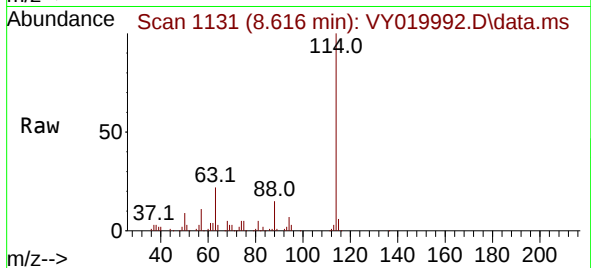
Tgt Ion: 65 Resp: 50544
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6



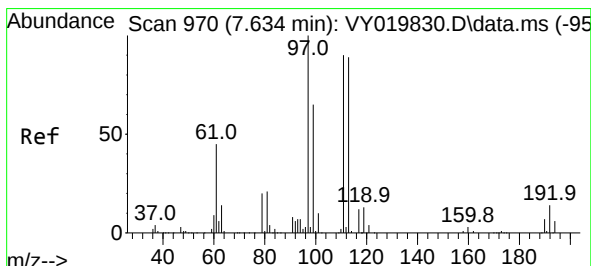
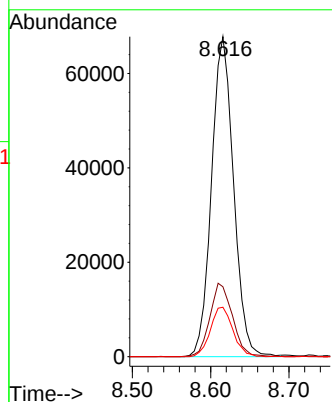
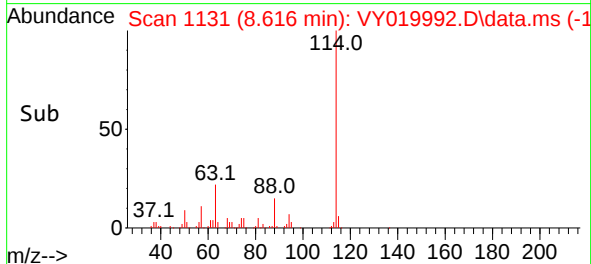


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

Instrument :
MSVOA_Y
ClientSampleId :

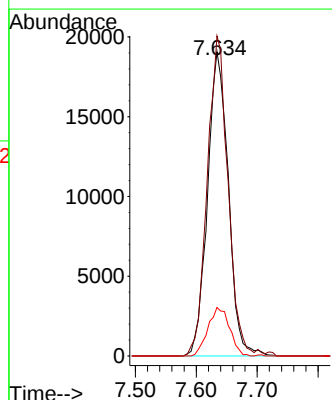
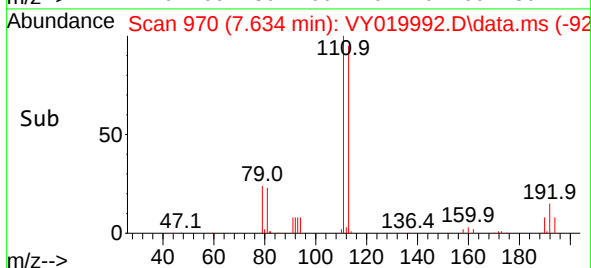
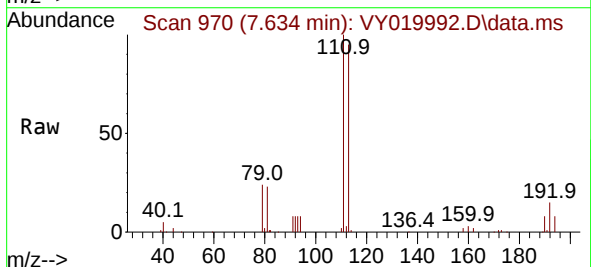


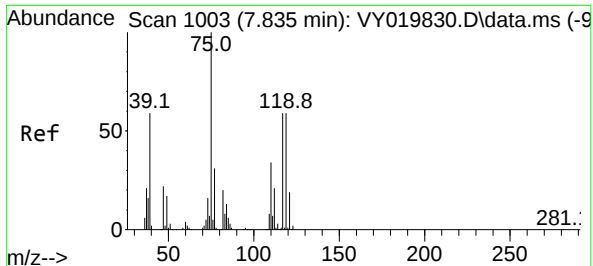
Tgt Ion:114 Resp: 132562
Ion Ratio Lower Upper
114 100
63 21.9 0.0 35.0
88 15.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.892 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

Tgt Ion:113 Resp: 45393
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 16.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.370 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

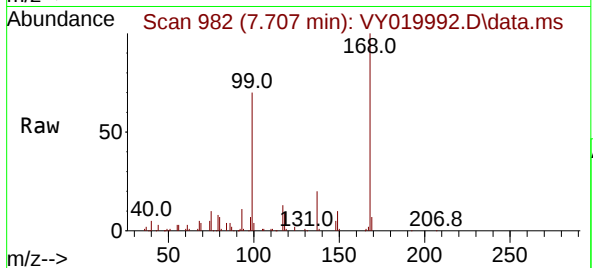
Lab File: VY019992.D

Acq: 23 Oct 2024 14:22

Instrument :

MSVOA_Y

ClientSampleId :



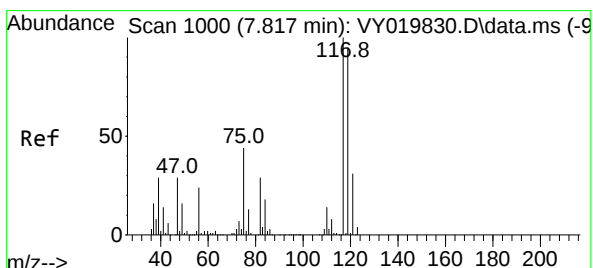
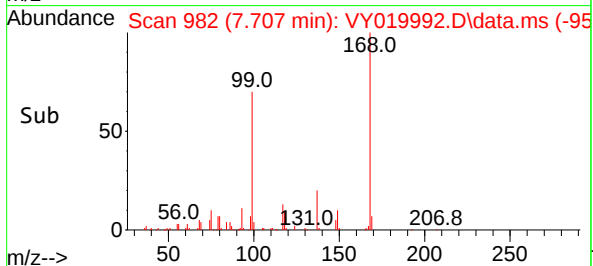
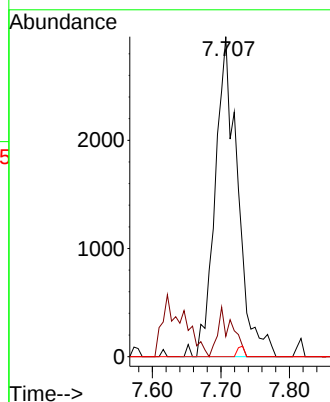
Tgt Ion: 75 Resp: 6767

Ion Ratio Lower Upper

75 100

110 9.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.771 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY019992.D

Acq: 23 Oct 2024 14:22

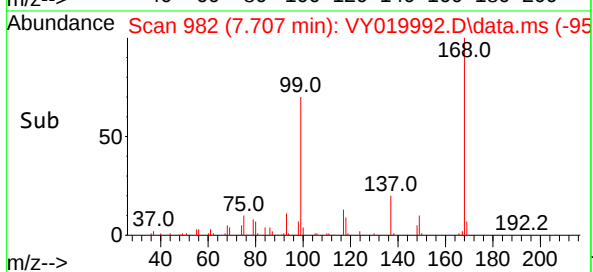
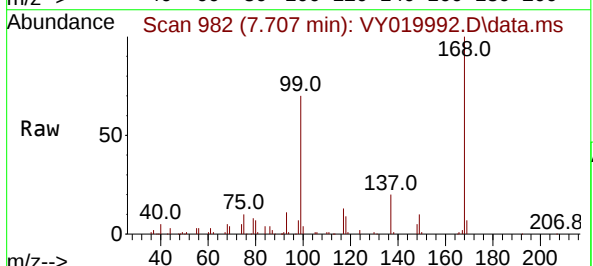
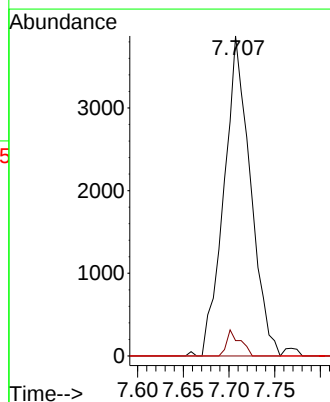
Tgt Ion: 117 Resp: 7797

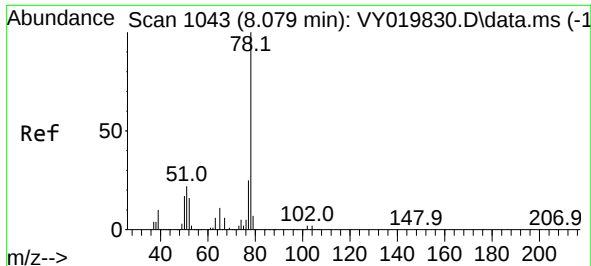
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 24.0 36.0#

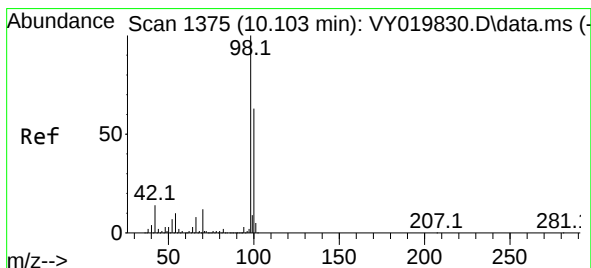
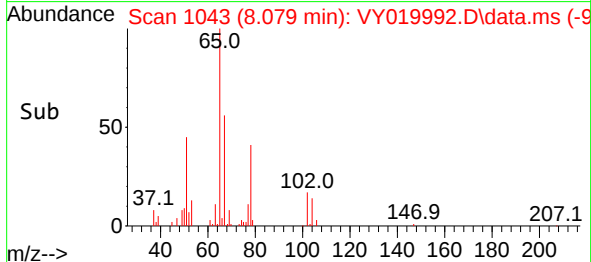
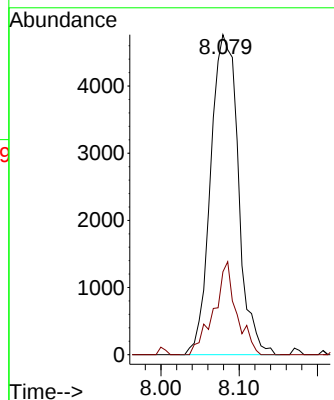
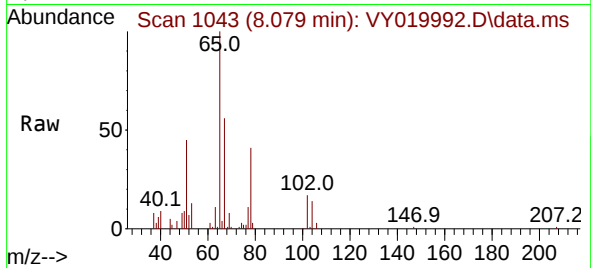




#40
Benzene
Concen: 3.064 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

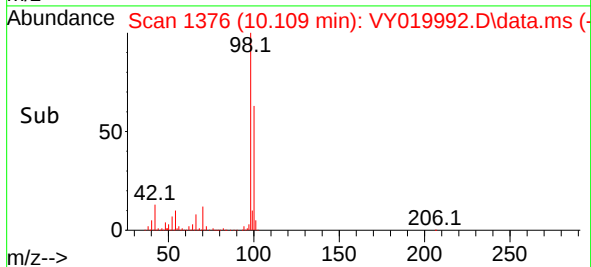
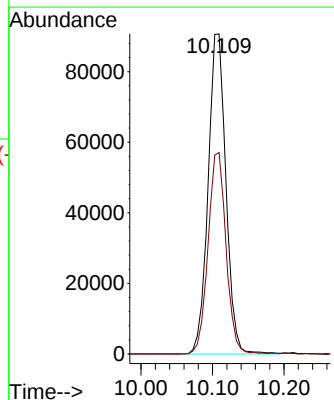
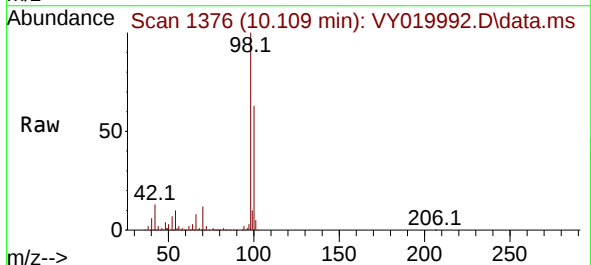
Instrument :
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ClientSampleId :

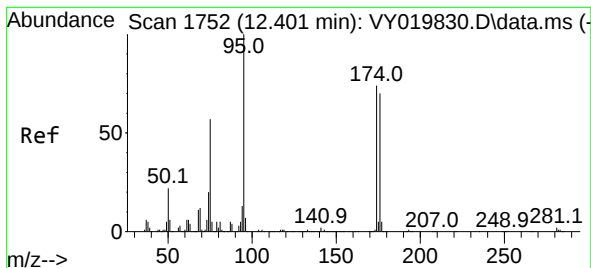
Tgt Ion: 78 Resp: 11686
Ion Ratio Lower Upper
78 100
77 25.9 19.5 29.3



#50
Toluene-d8
Concen: 48.607 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

Tgt Ion: 98 Resp: 157018
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

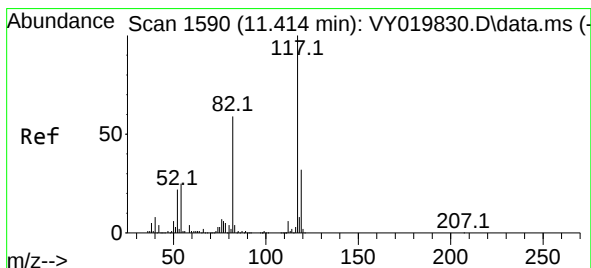
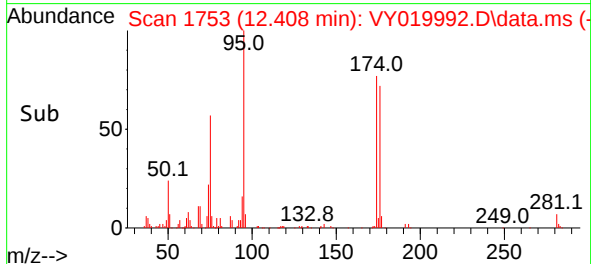
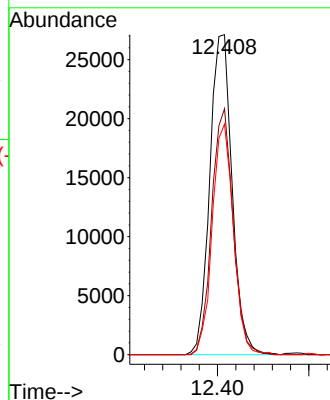
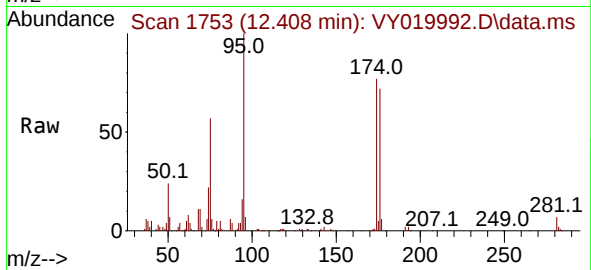




#62
4-Bromofluorobenzene
Concen: 39.310 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

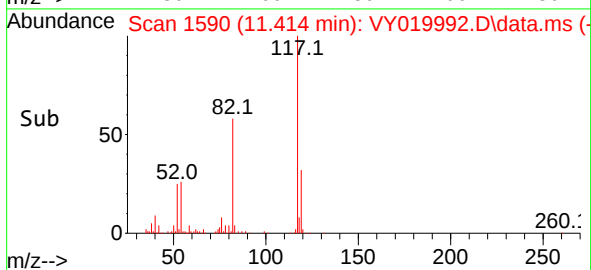
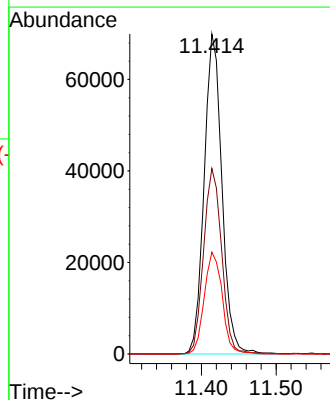
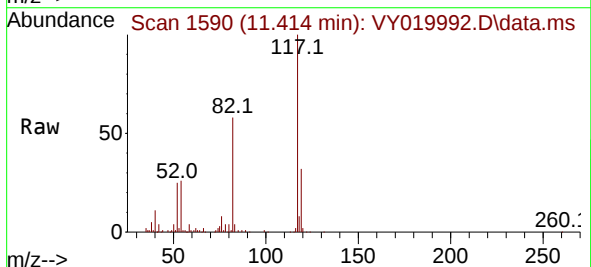
Instrument :
MSVOA_Y
ClientSampleId :

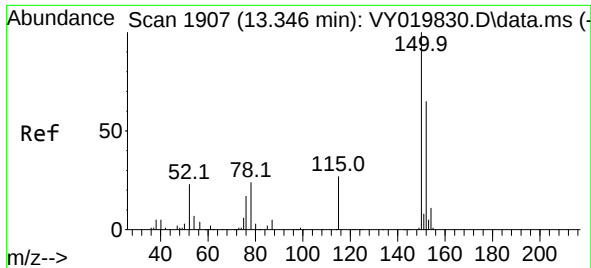
Tgt Ion: 95 Resp: 45884
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 68.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

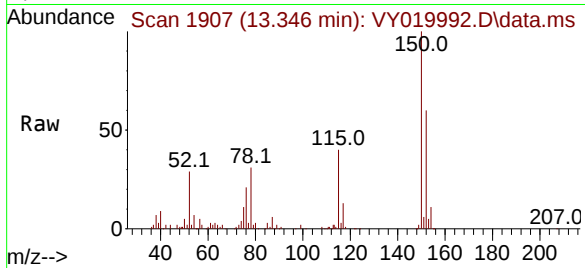
Tgt Ion: 117 Resp: 115627
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.8 25.9 38.9



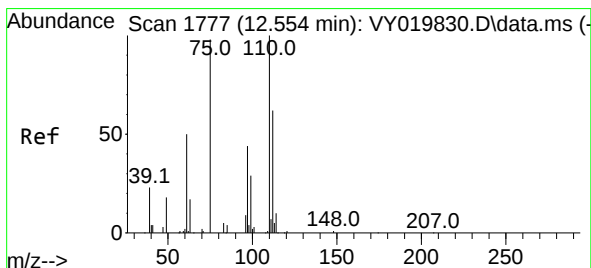
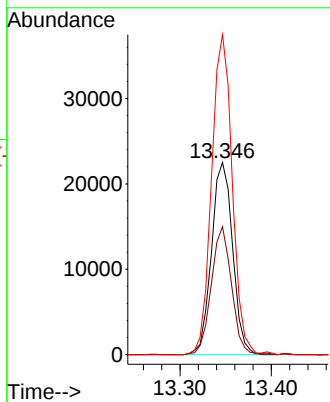
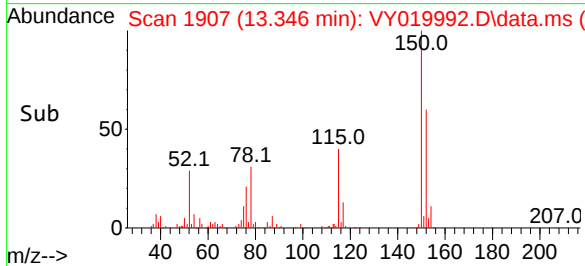


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

Instrument :
MSVOA_Y
ClientSampleId :

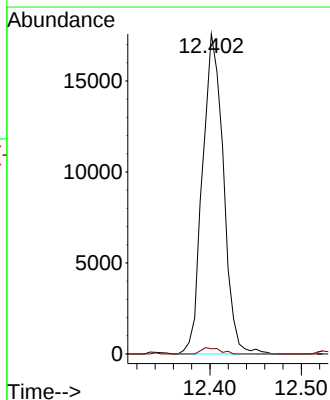
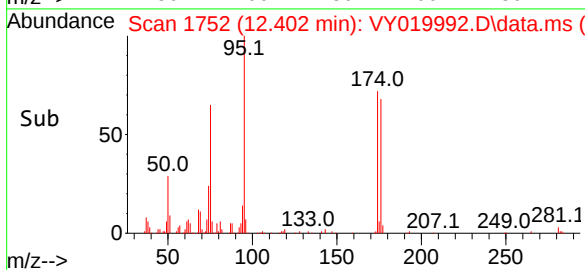
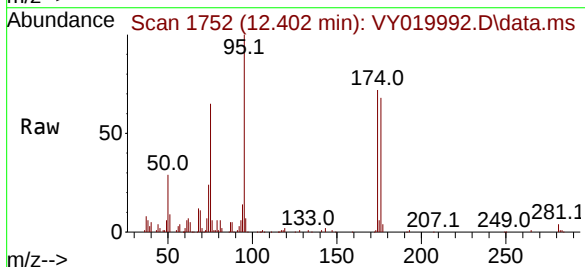


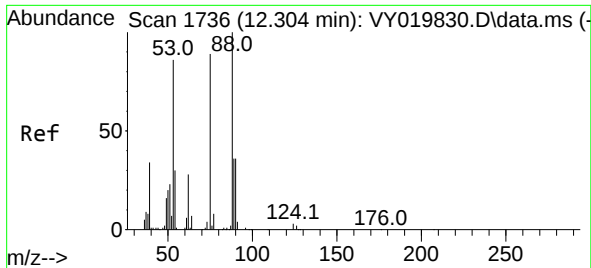
Tgt Ion:152 Resp: 36164
Ion Ratio Lower Upper
152 100
115 63.3 28.2 84.7
150 162.6 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 39.490 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

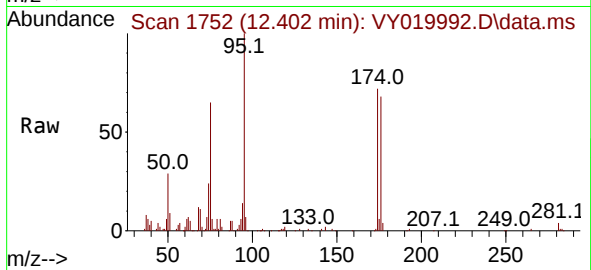
Tgt Ion: 75 Resp: 27977
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.399 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019992.D
 Acq: 23 Oct 2024 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.2	35.8	53.6#

