

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020067.D
 Acq On : 29 Oct 2024 17:33
 Operator : SY/MD
 Sample : P4594-11
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:28:04 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)

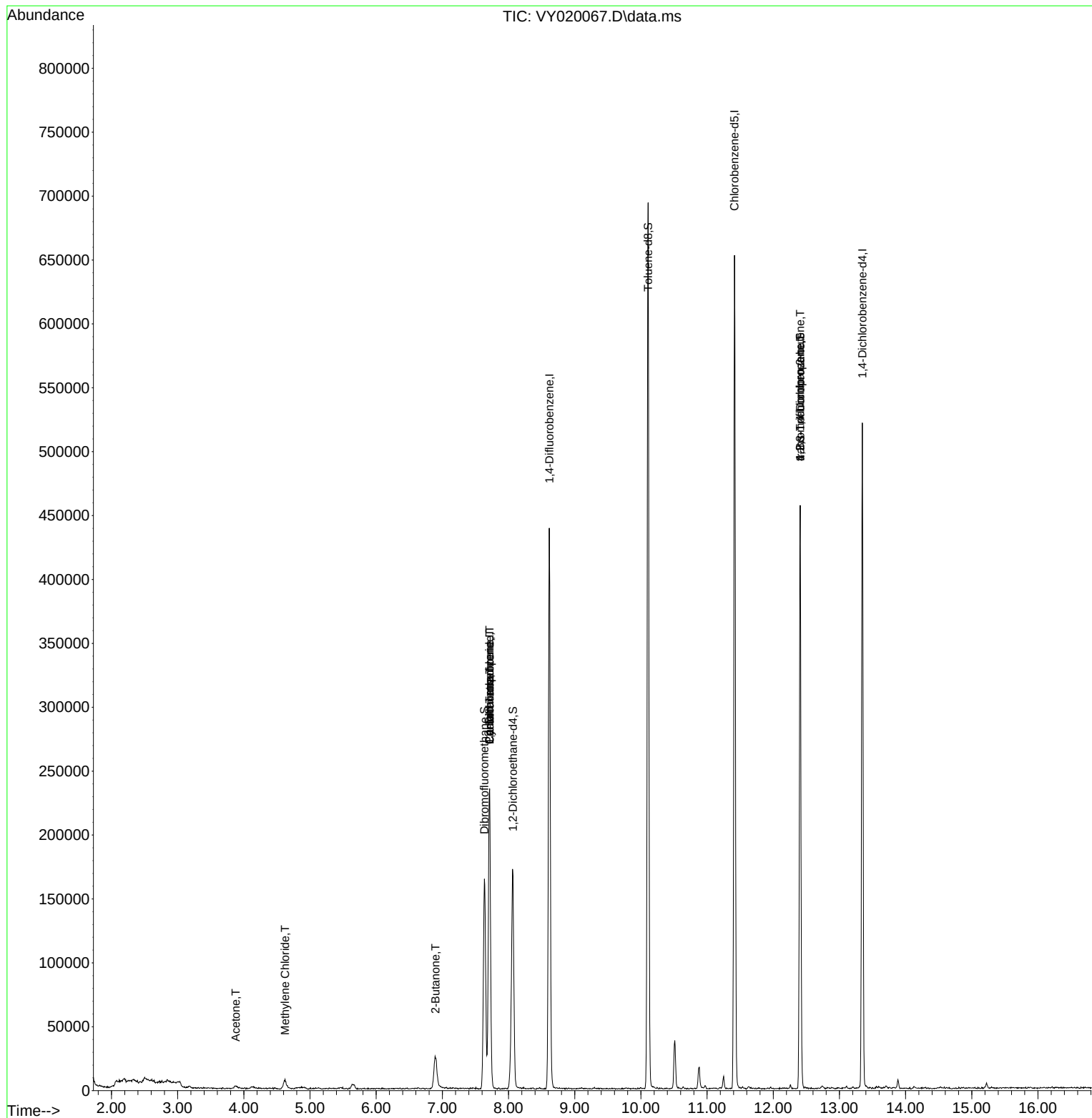
Internal Standards						
1) Pentafluorobenzene	7.713	168	162387	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	346001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	315921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	113570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	121569	60.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.600%	
35) Dibromofluoromethane	7.634	113	114755	50.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.520%	
50) Toluene-d8	10.109	98	426815	50.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	12.407	95	130569	42.857	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	299	Below Cal	#	57
16) Acetone	3.879	43	4510	8.665	ug/l #	80
20) Methylene Chloride	4.622	84	4469	1.542	ug/l #	89
25) 2-Butanone	6.896	43	3148	4.518	ug/l #	71
31) Cyclohexane	7.713	56	4810	1.440	ug/l #	51
36) 1,1-Dichloropropene	7.713	75	16830	5.116	ug/l #	48
38) Carbon Tetrachloride	7.713	117	18307	5.192	ug/l #	15
76) 1,2,3-Trichloropropane	12.407	75	77664	34.908	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	77664	140.902	ug/l #	16

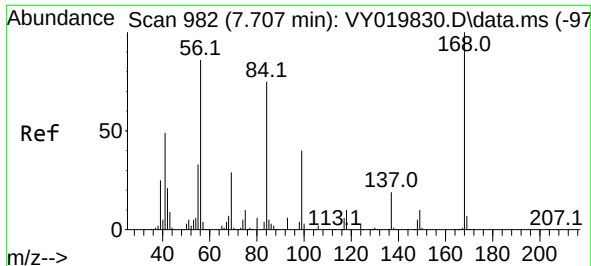
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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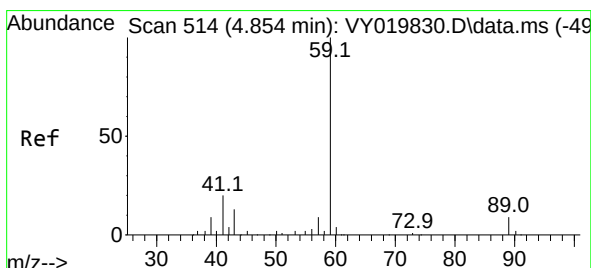
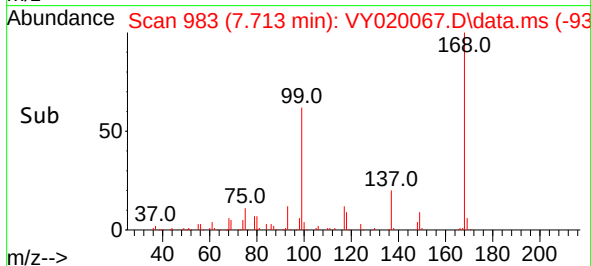
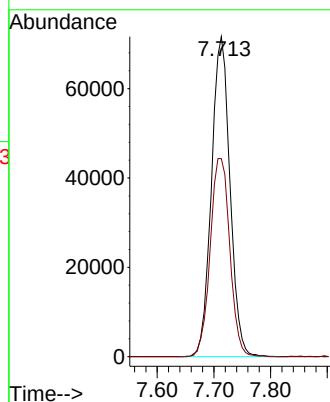
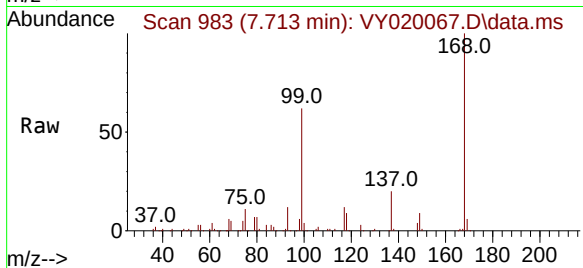




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020067.D
Acq: 29 Oct 2024 17:33

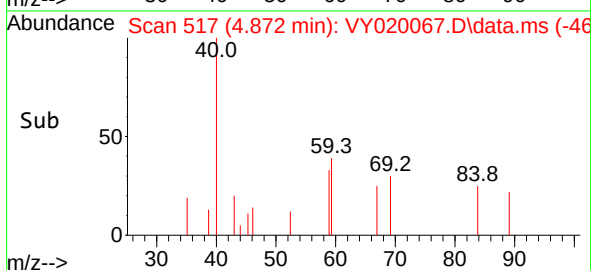
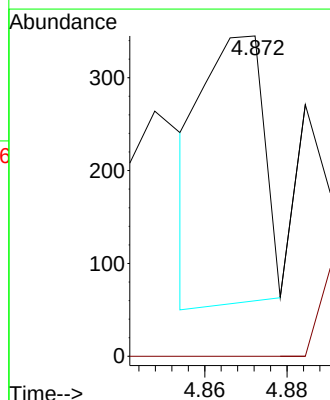
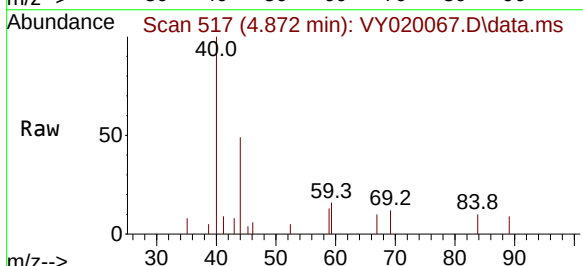
Instrument :
MSVOA_Y
ClientSampleId :

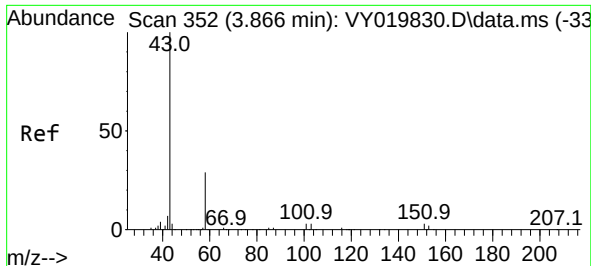
Tgt Ion:168 Resp: 162387
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020067.D
Acq: 29 Oct 2024 17:33

Tgt Ion: 59 Resp: 299
Ion Ratio Lower Upper
59 100
57 18.1 3.0 4.6#

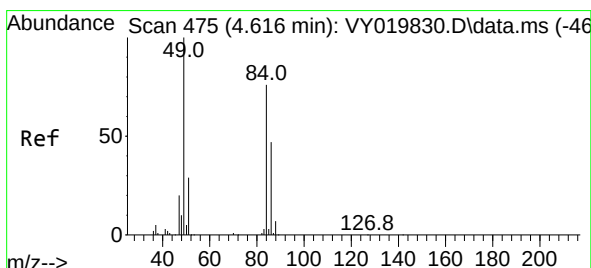
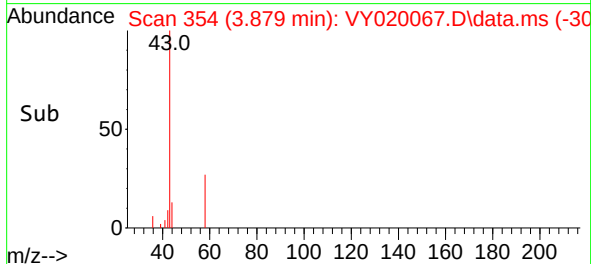
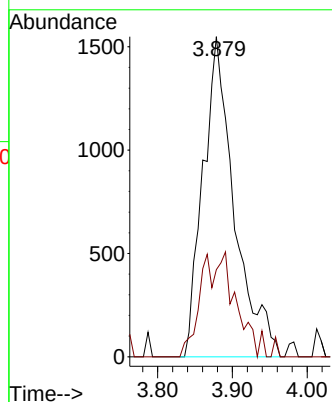
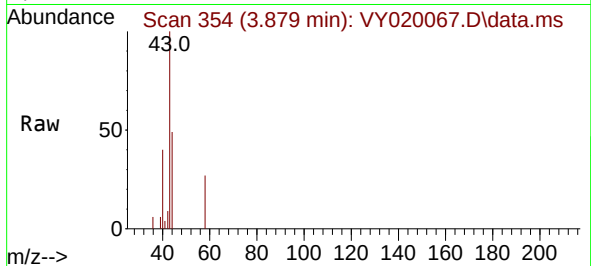




#16
Acetone
Concen: 8.665 ug/l
RT: 3.879 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY020067.D
Acq: 29 Oct 2024 17:33

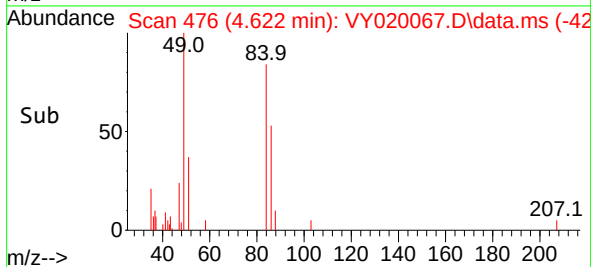
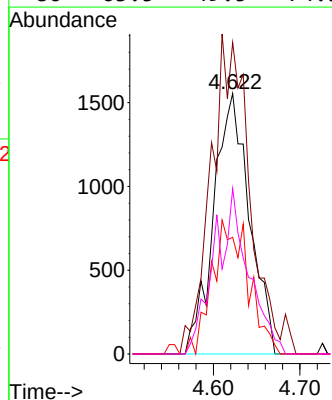
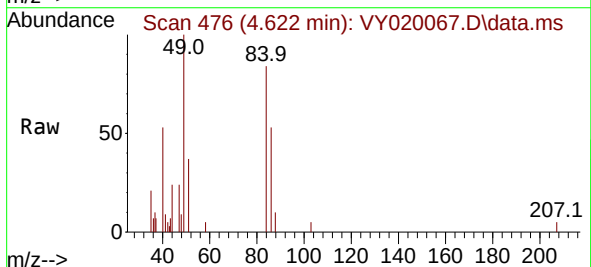
Instrument :
MSVOA_Y
ClientSampleId :

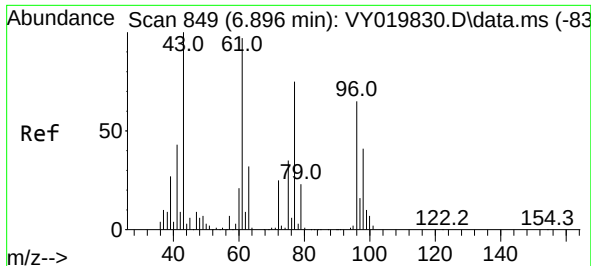
Tgt Ion: 43 Resp: 4510
Ion Ratio Lower Upper
43 100
58 27.2 31.7 47.5#



#20
Methylene Chloride
Concen: 1.542 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020067.D
Acq: 29 Oct 2024 17:33

Tgt Ion: 84 Resp: 4469
Ion Ratio Lower Upper
84 100
49 119.5 84.4 126.6
51 44.8 26.0 39.0#
86 63.5 49.5 74.3





#25

2-Butanone

Concen: 4.518 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

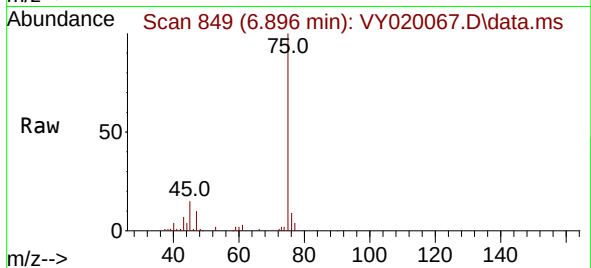
Lab File: VY020067.D

Acq: 29 Oct 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

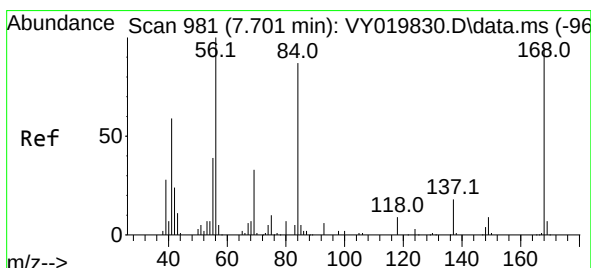
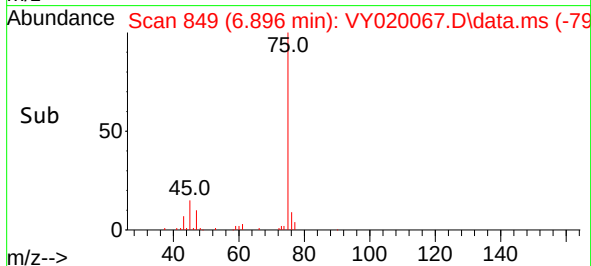
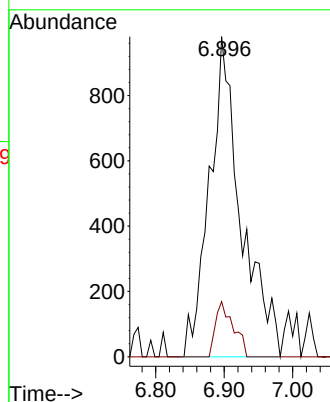


Tgt Ion: 43 Resp: 3148

Ion Ratio Lower Upper

43 100

72 17.2 27.3 40.9#



#31

Cyclohexane

Concen: 1.440 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY020067.D

Acq: 29 Oct 2024 17:33

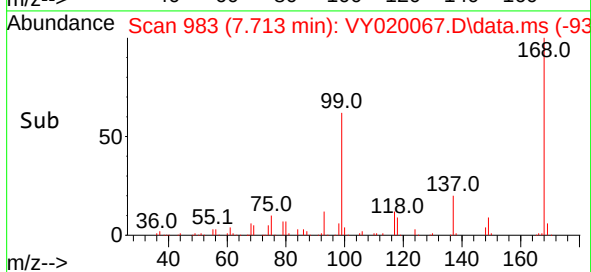
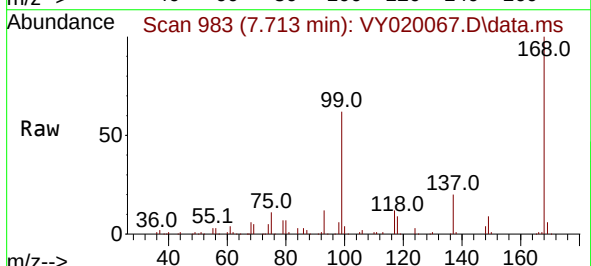
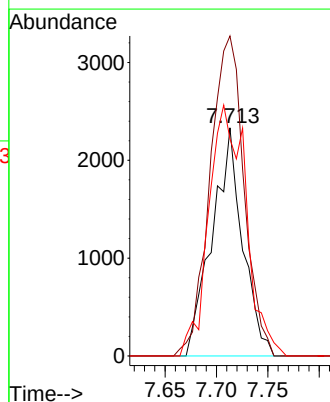
Tgt Ion: 56 Resp: 4810

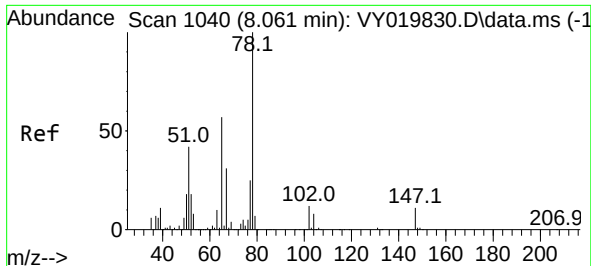
Ion Ratio Lower Upper

56 100

69 140.3 28.7 43.1#

84 95.2 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 60.801 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020067.D

Acq: 29 Oct 2024 17:33

Instrument :

MSVOA_Y

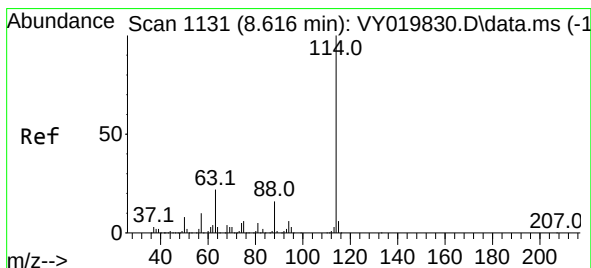
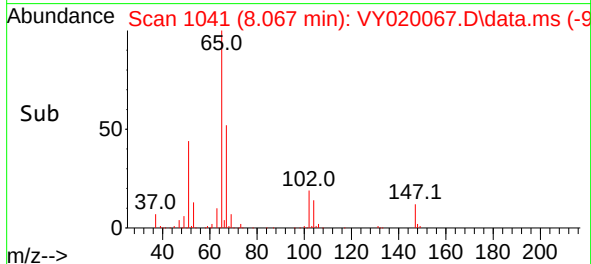
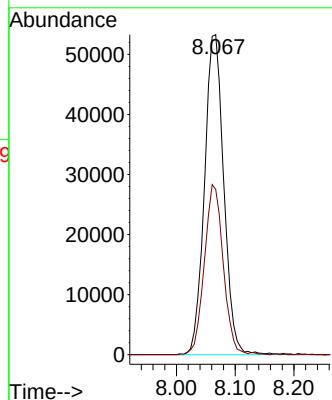
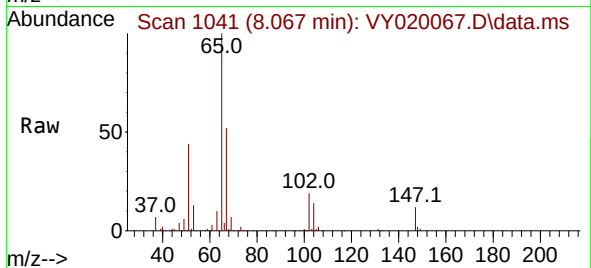
ClientSampleId :

Tgt Ion: 65 Resp: 121569

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020067.D

Acq: 29 Oct 2024 17:33

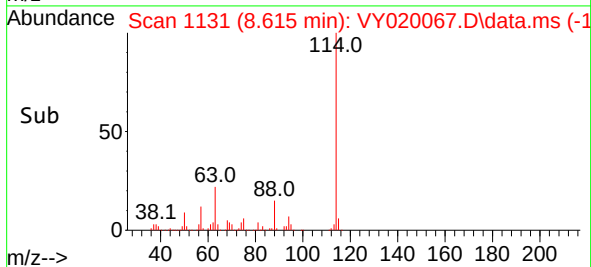
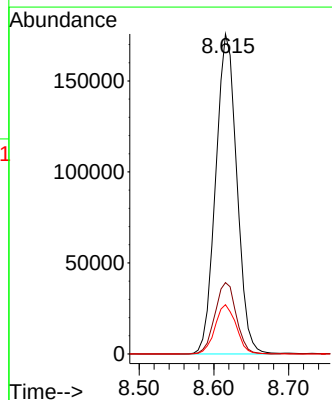
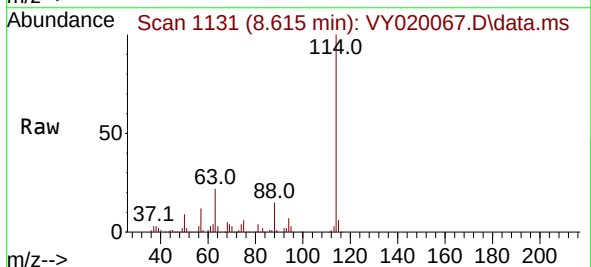
Tgt Ion: 114 Resp: 346001

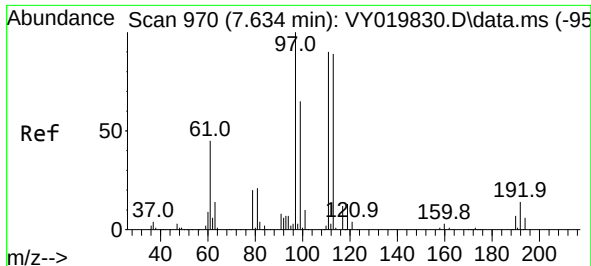
Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

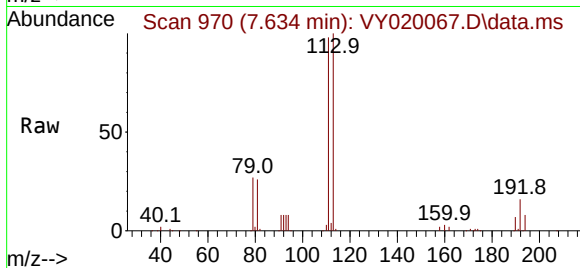
88 15.4 0.0 27.2



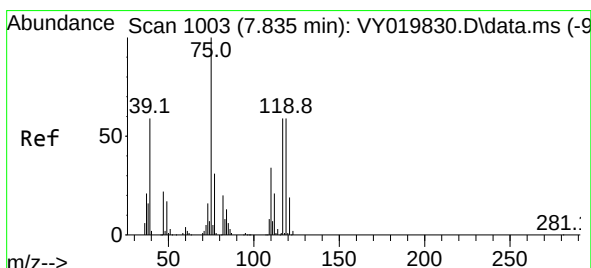
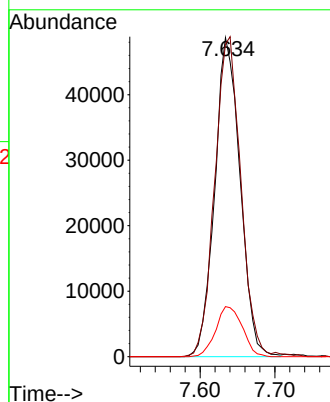
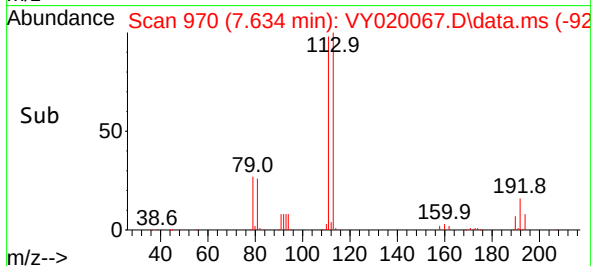


#35
Dibromofluoromethane
Concen: 50.260 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020067.D
Acq: 29 Oct 2024 17:33

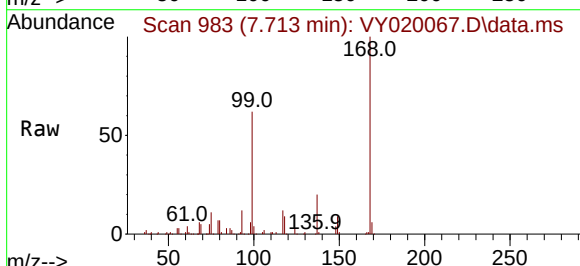
Instrument :
MSVOA_Y
ClientSampleId :



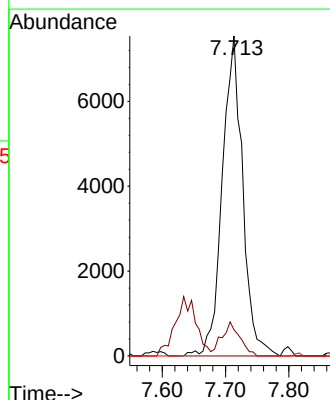
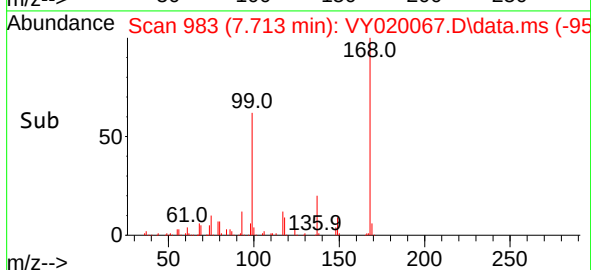
Tgt Ion:113 Resp: 114755
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 16.5 15.9 23.9

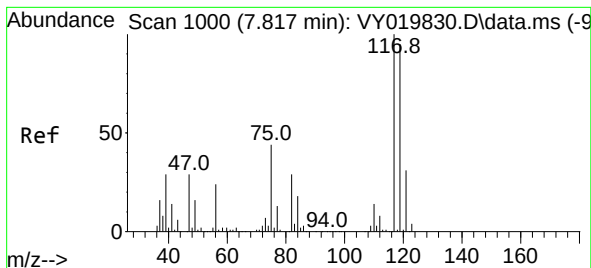


#36
1,1-Dichloropropene
Concen: 5.116 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020067.D
Acq: 29 Oct 2024 17:33



Tgt Ion: 75 Resp: 16830
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.192 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.103 min

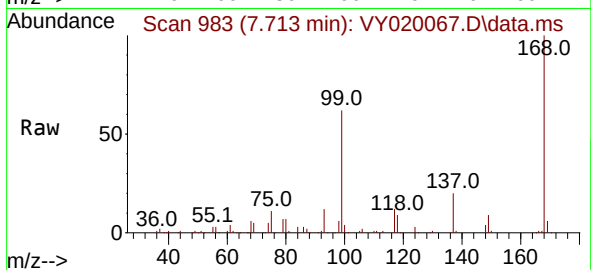
Lab File: VY020067.D

Acq: 29 Oct 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :



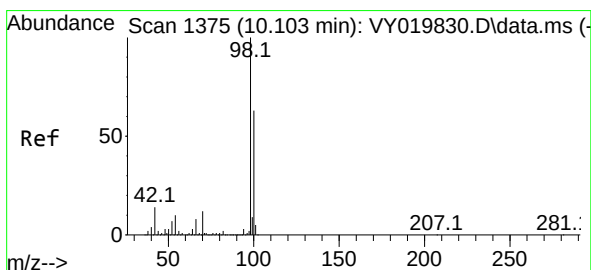
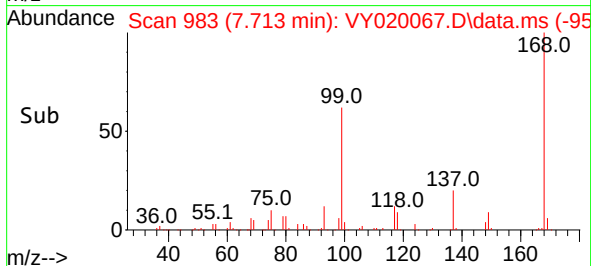
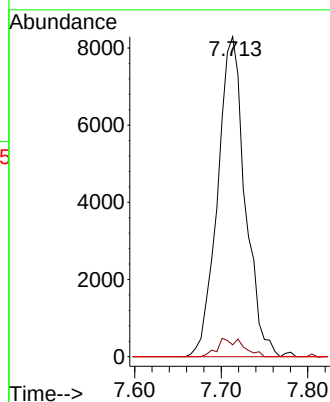
Tgt Ion:117 Resp: 18307

Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 50.621 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020067.D

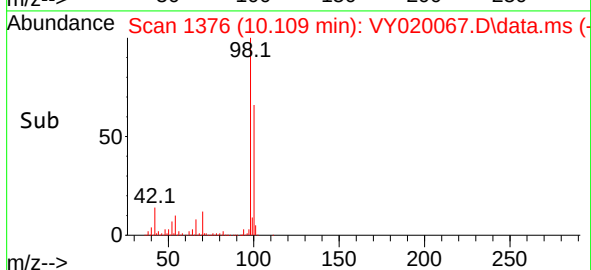
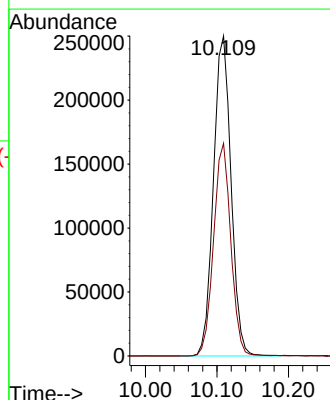
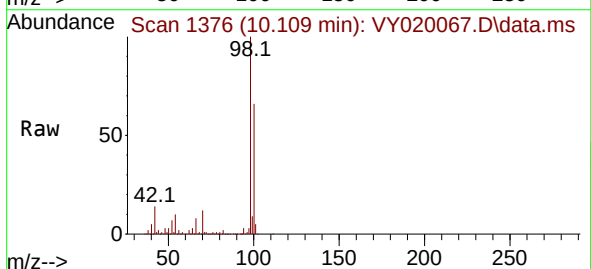
Acq: 29 Oct 2024 17:33

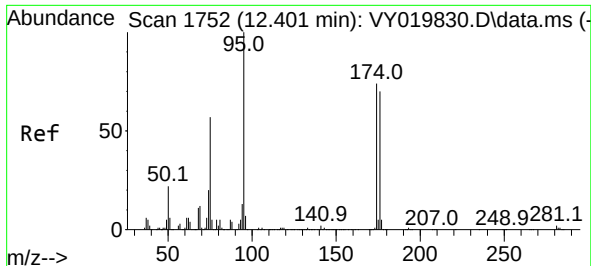
Tgt Ion: 98 Resp: 426815

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 42.857 ug/l

RT: 12.407 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020067.D

Acq: 29 Oct 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

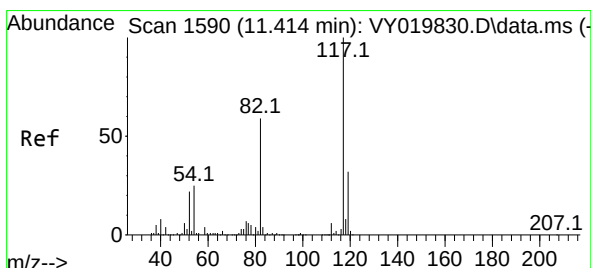
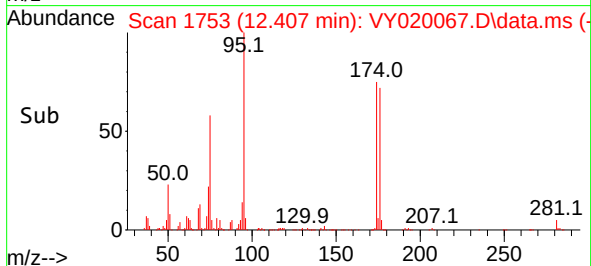
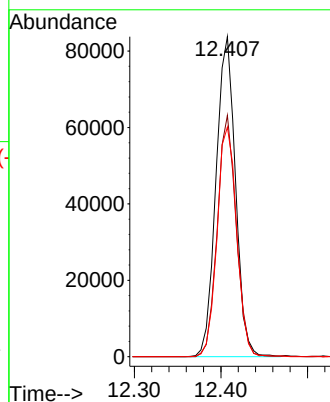
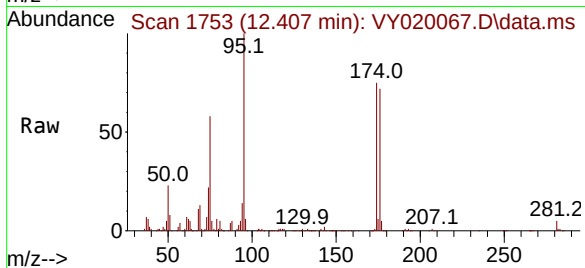
Tgt Ion: 95 Resp: 130569

Ion Ratio Lower Upper

95 100

174 73.2 0.0 175.6

176 72.2 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: VY020067.D

Acq: 29 Oct 2024 17:33

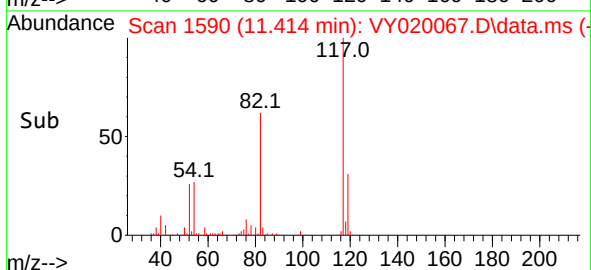
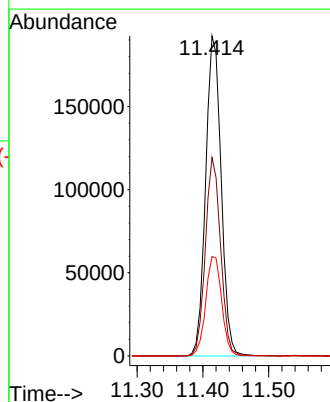
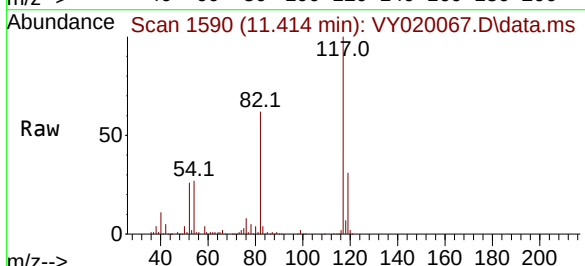
Tgt Ion: 117 Resp: 315921

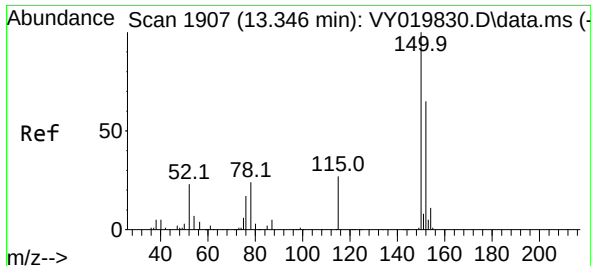
Ion Ratio Lower Upper

117 100

82 62.0 42.4 63.6

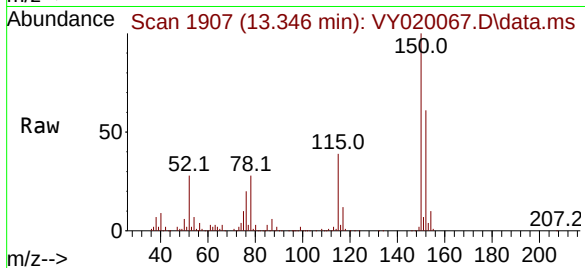
119 31.1 25.9 38.9



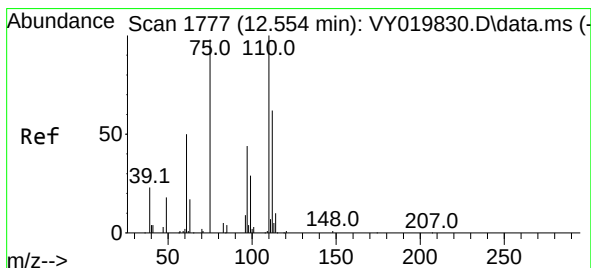
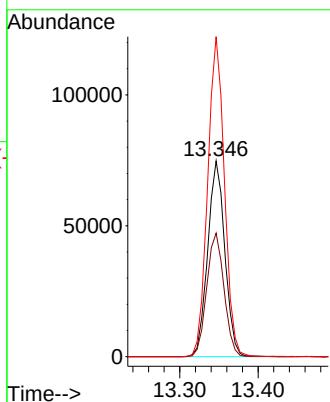
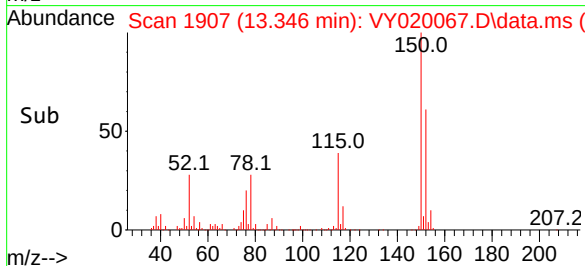


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020067.D
 Acq: 29 Oct 2024 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :

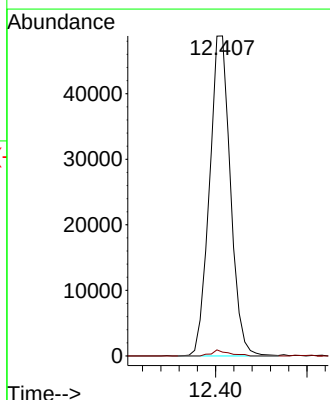
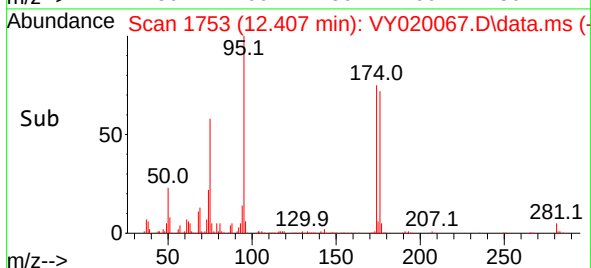
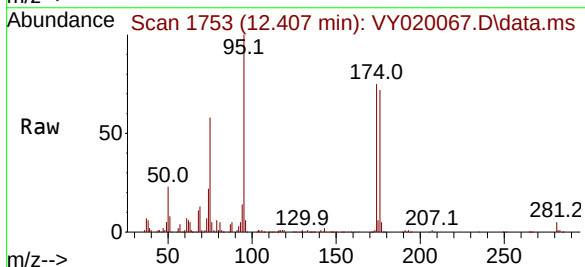


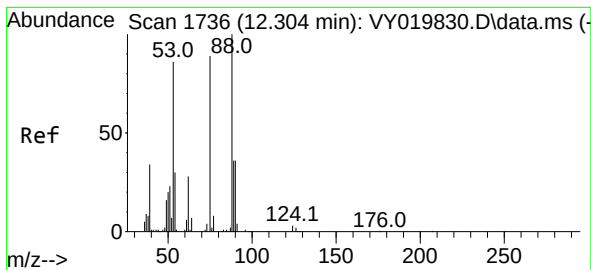
Tgt Ion:152 Resp: 113570
 Ion Ratio Lower Upper
 152 100
 115 63.7 28.2 84.7
 150 159.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 34.908 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY020067.D
 Acq: 29 Oct 2024 17:33

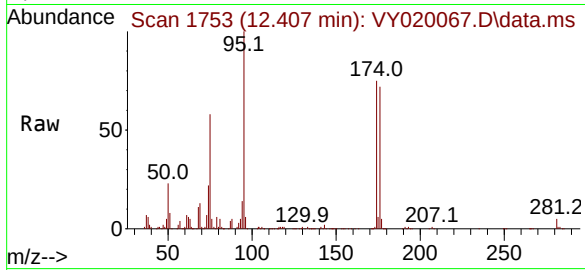
Tgt Ion: 75 Resp: 77664
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.902 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020067.D
 Acq: 29 Oct 2024 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 77664
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

