

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY012000.D
 Acq On : 23 Dec 2022 16:11
 Operator : KP/MD
 Sample : N6148-09
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 22:26:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

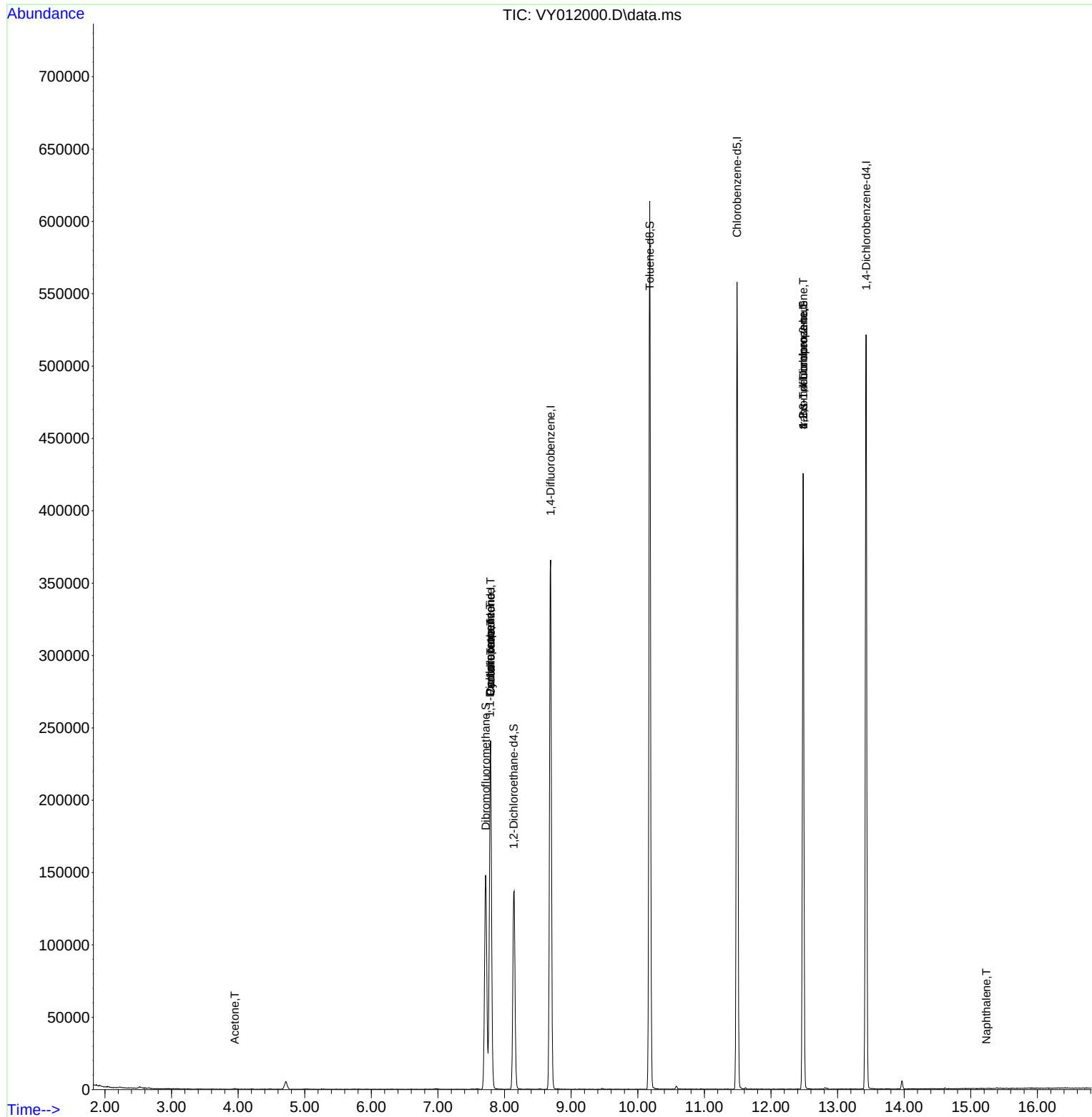
Internal Standards						
1) Pentafluorobenzene	7.789	168	186996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	326024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	308415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	115820	61.477	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.960%	
35) Dibromofluoromethane	7.716	113	102605	52.276	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.560%	
50) Toluene-d8	10.179	98	400124	50.246	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	12.483	95	125158	46.731	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	19	Below Cal	#	74
16) Acetone	3.948	43	759	6.197	ug/l	91
20) Methylene Chloride	4.710	84	4180	Below Cal	#	77
31) Cyclohexane	7.789	56	3472	1.095	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	13302	4.225	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	18987	5.222	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	66080	38.384	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	66080	105.116	ug/l	# 13
95) Naphthalene	15.233	128	135	2.803	ug/l	# 69

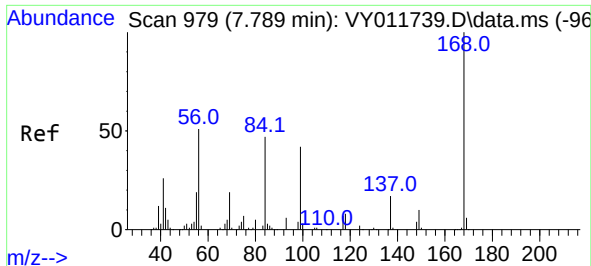
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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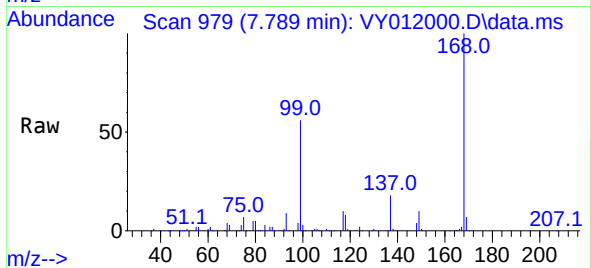
Quant Time: Dec 23 22:26:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
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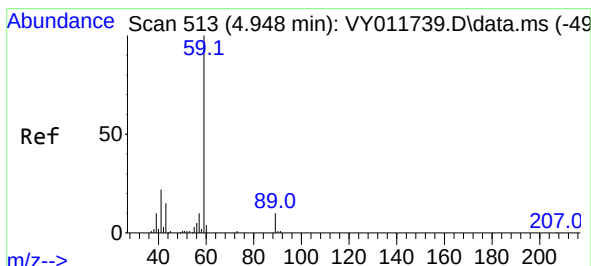
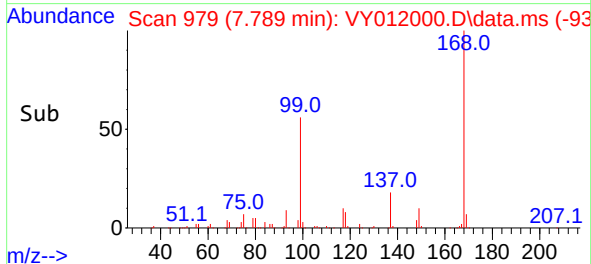
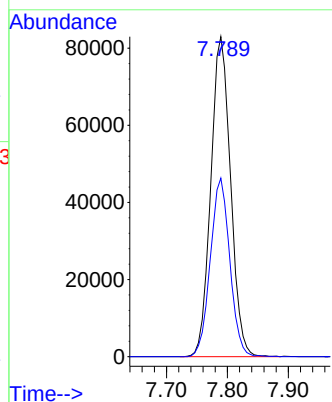


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :

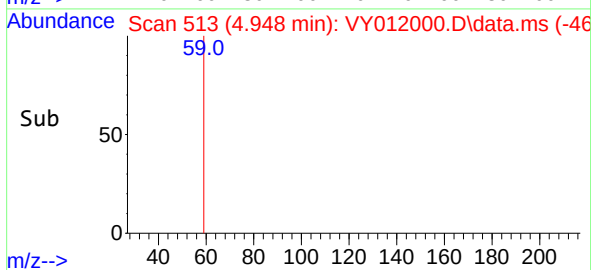
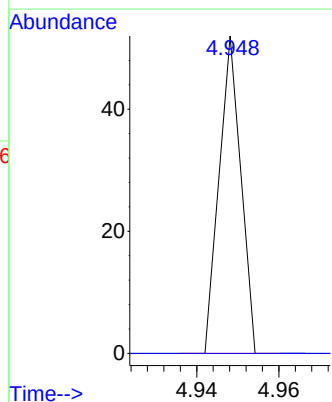
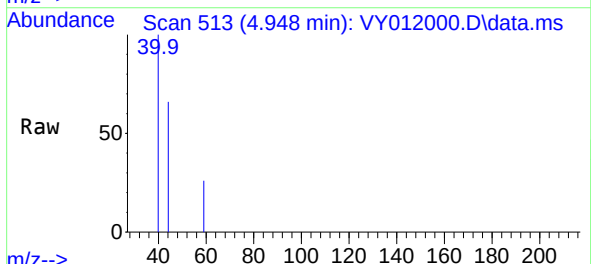


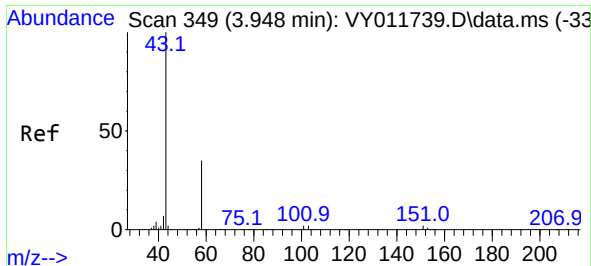
Tgt Ion:168 Resp: 186996
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

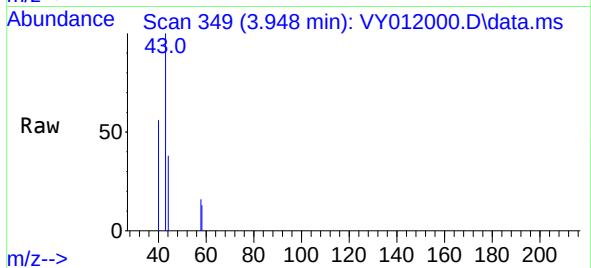
Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



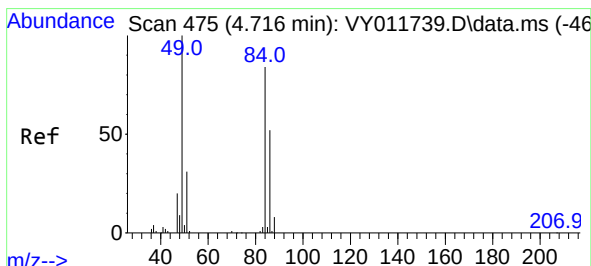
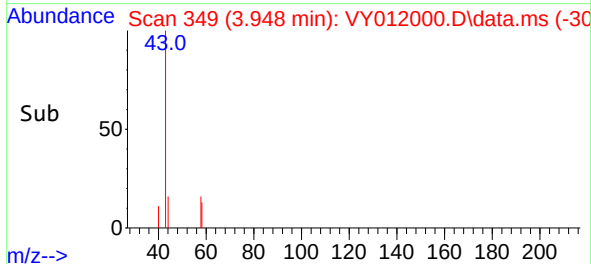
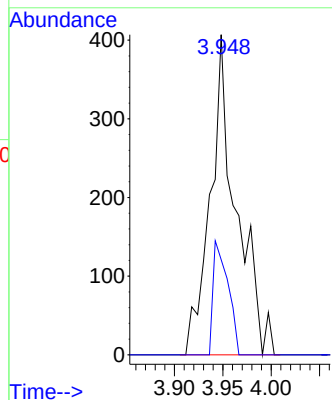


#16
Acetone
Concen: 6.197 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :

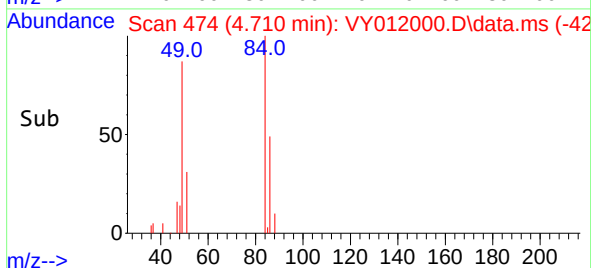
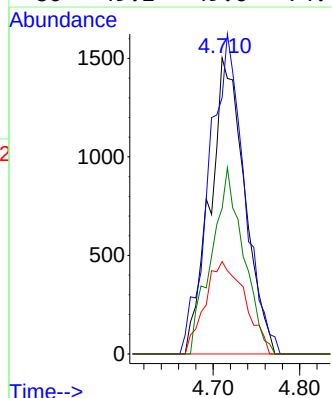
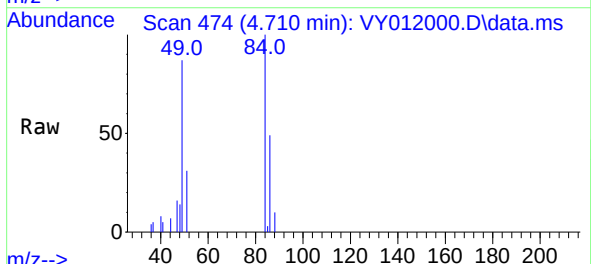


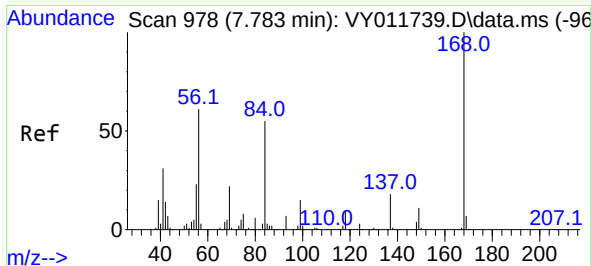
Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
58 29.7 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

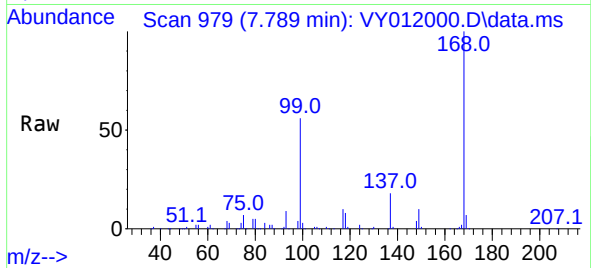
Tgt Ion: 84 Resp: 4180
Ion Ratio Lower Upper
84 100
49 86.6 95.4 143.2#
51 31.1 29.9 44.9
86 49.2 49.6 74.4#



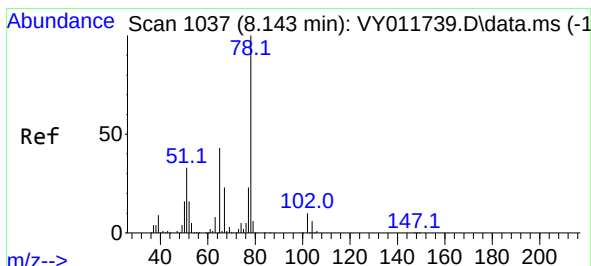
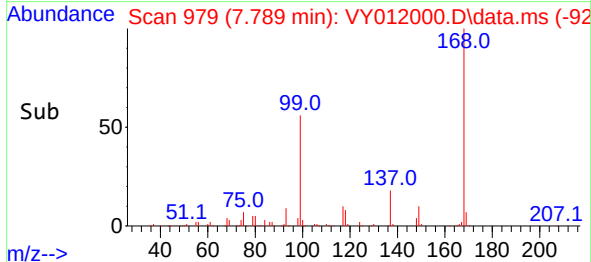
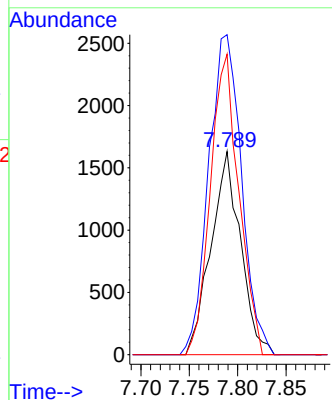


#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :

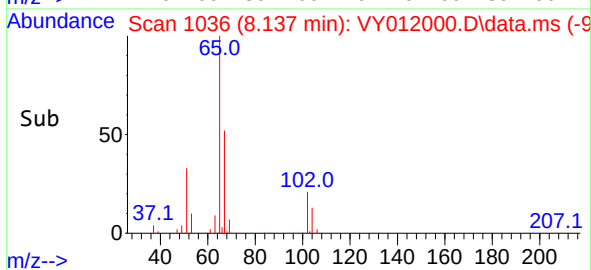
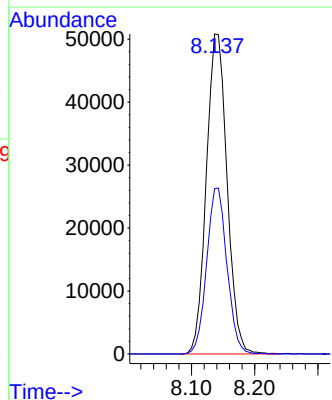
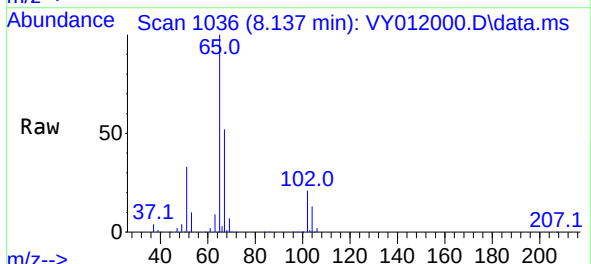


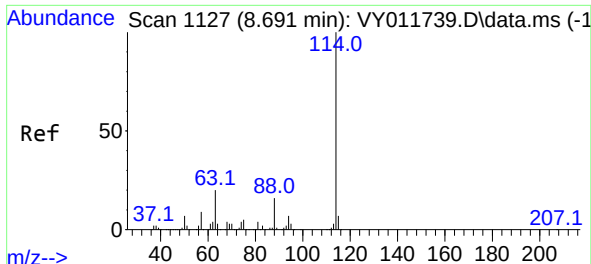
Tgt Ion: 56 Resp: 3472
Ion Ratio Lower Upper
56 100
69 157.4 29.2 43.8#
84 147.8 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 61.477 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

Tgt Ion: 65 Resp: 115820
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012000.D

Acq: 23 Dec 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

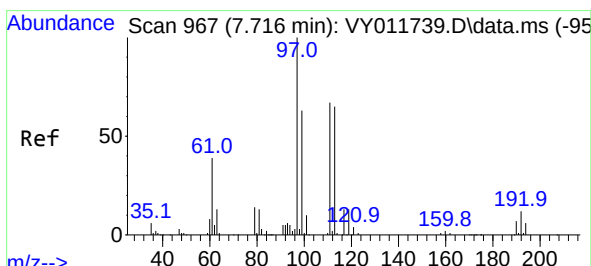
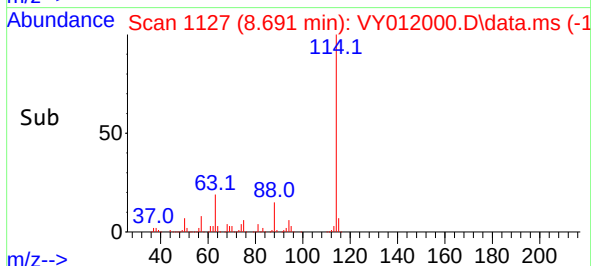
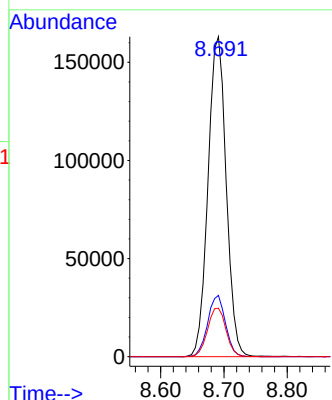
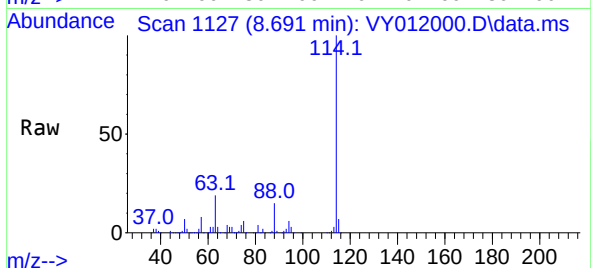
Tgt Ion:114 Resp: 326024

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.276 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012000.D

Acq: 23 Dec 2022 16:11

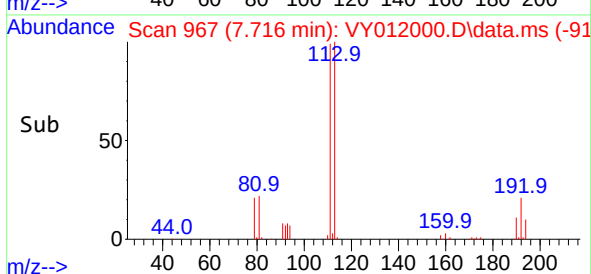
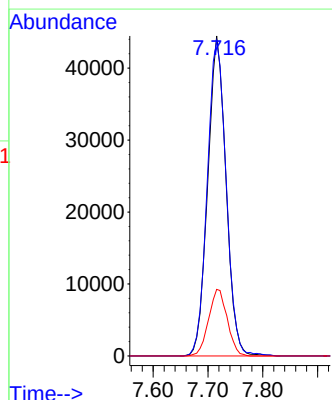
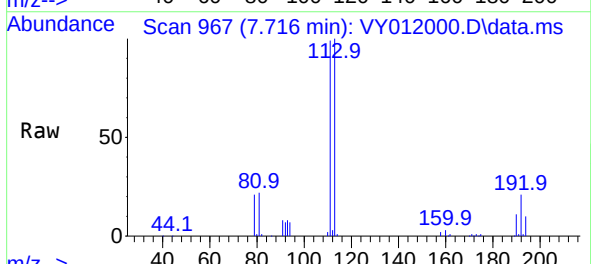
Tgt Ion:113 Resp: 102605

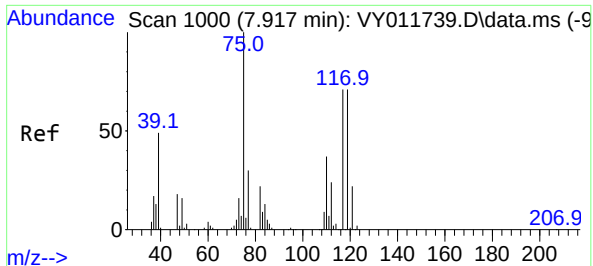
Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

192 21.2 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.225 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012000.D

Acq: 23 Dec 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

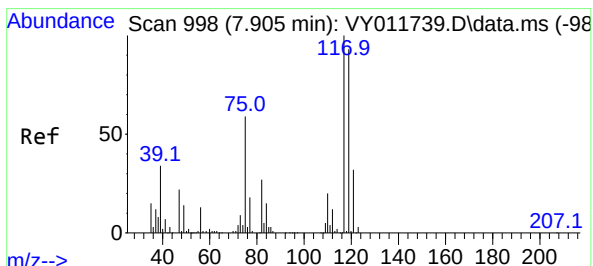
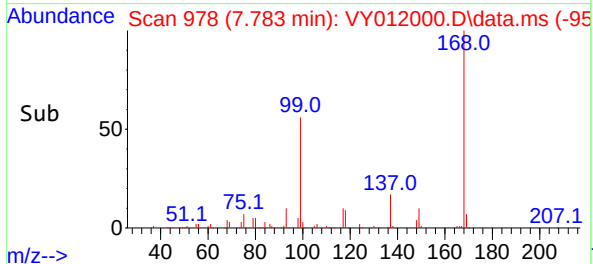
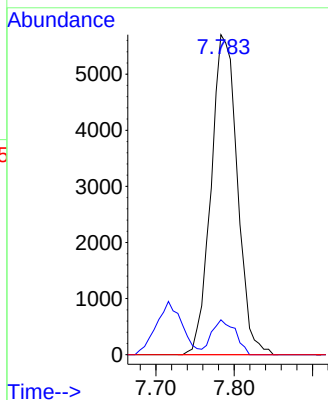
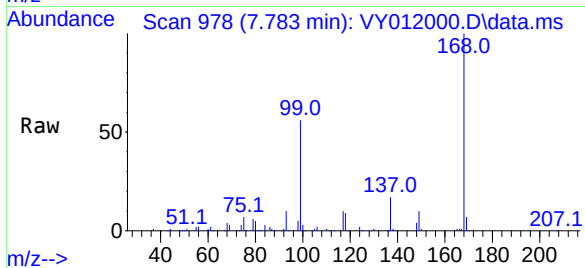
Tgt Ion: 75 Resp: 13302

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.222 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY012000.D

Acq: 23 Dec 2022 16:11

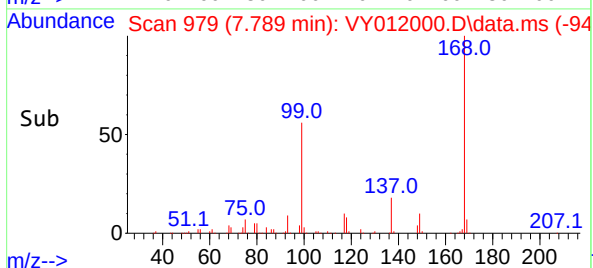
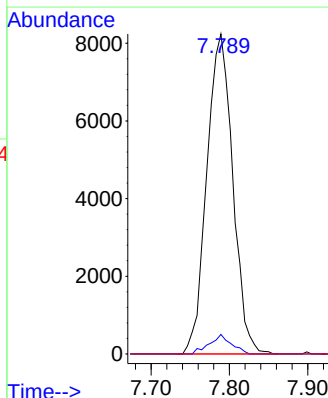
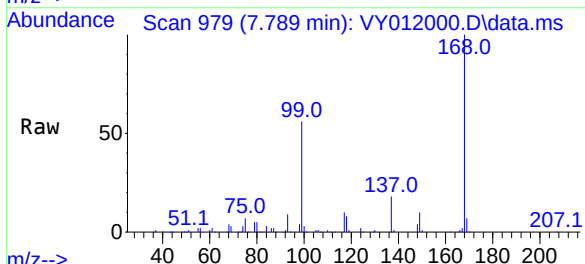
Tgt Ion: 117 Resp: 18987

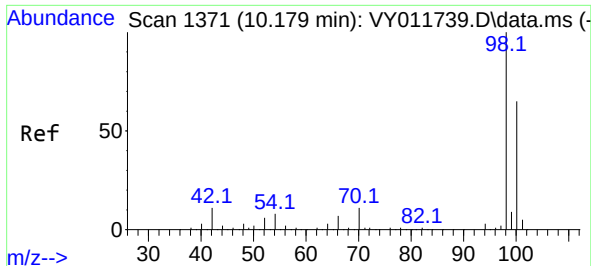
Ion Ratio Lower Upper

117 100

119 6.1 73.8 110.8#

121 0.0 25.2 37.8#

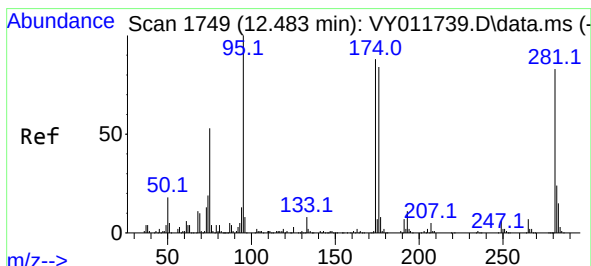
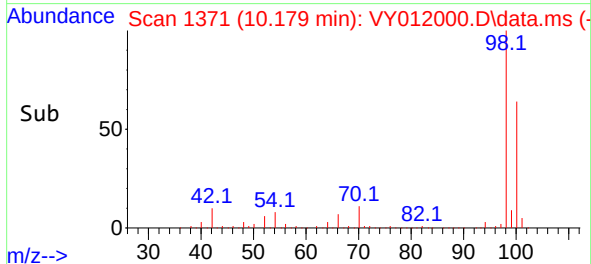
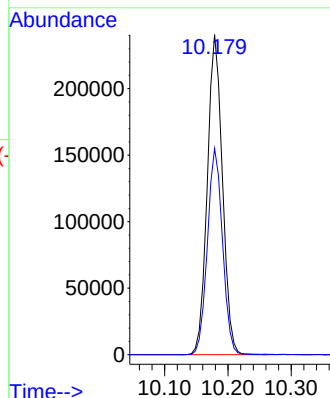
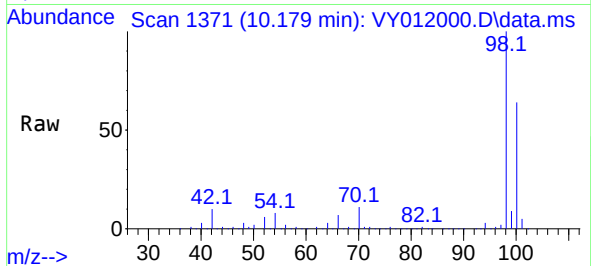




#50
Toluene-d8
Concen: 50.246 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

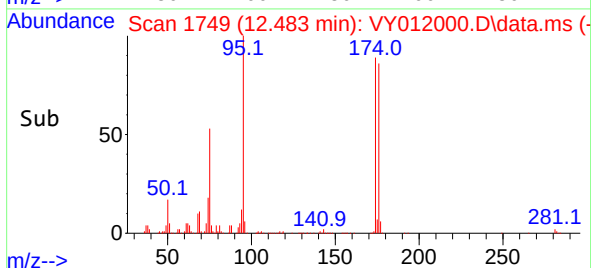
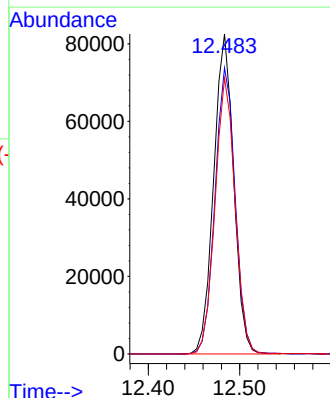
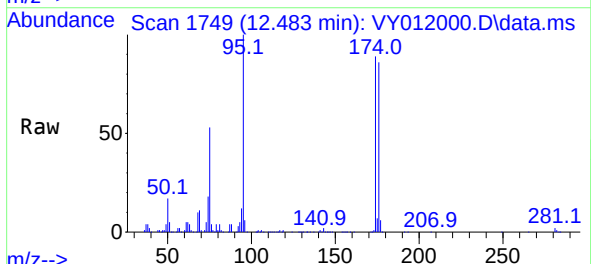
Instrument :
MSVOA_Y
ClientSampleId :

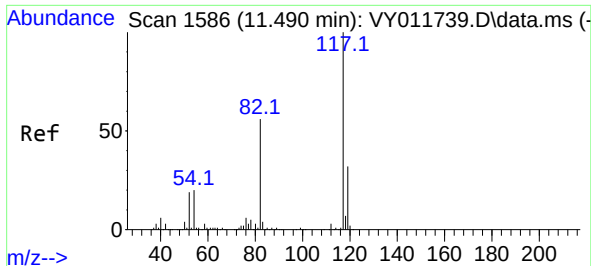
Tgt Ion: 98 Resp: 400124
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.731 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

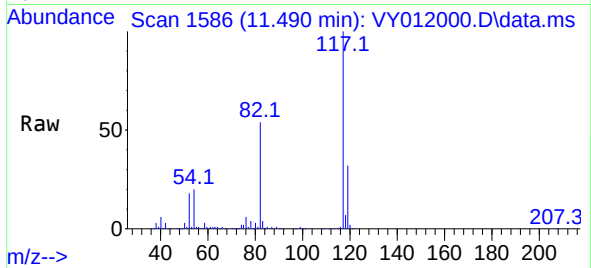
Tgt Ion: 95 Resp: 125158
Ion Ratio Lower Upper
95 100
174 90.5 0.0 172.0
176 86.6 0.0 167.6



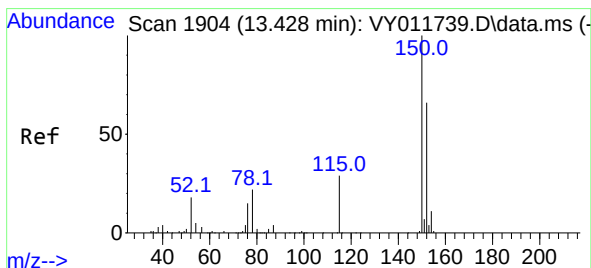
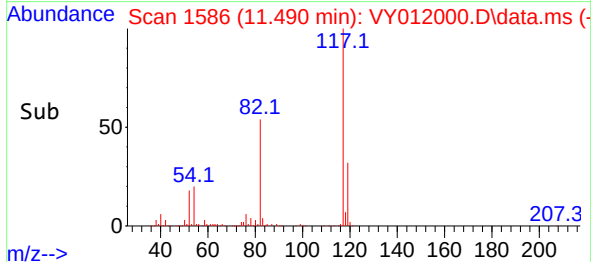
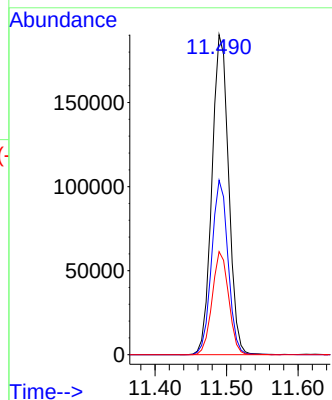


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :

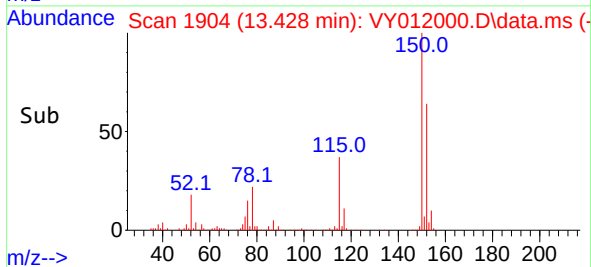
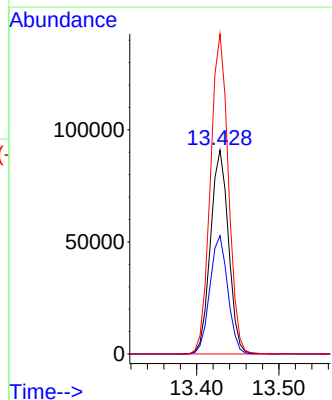
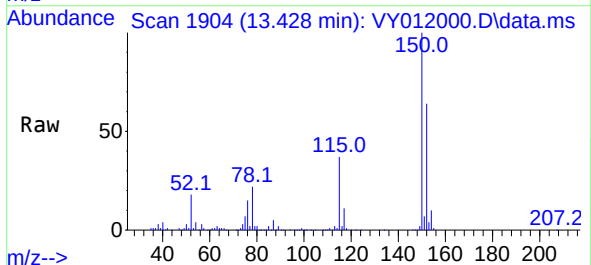


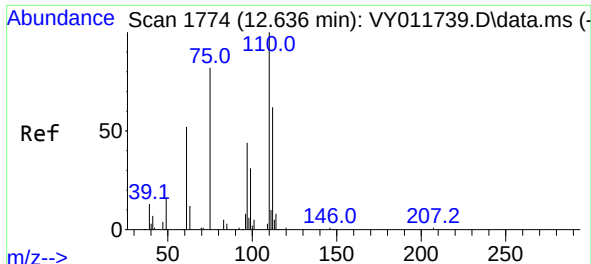
Tgt Ion:117 Resp: 308415
Ion Ratio Lower Upper
117 100
82 54.5 44.8 67.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

Tgt Ion:152 Resp: 138350
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.3
150 156.6 0.0 342.6

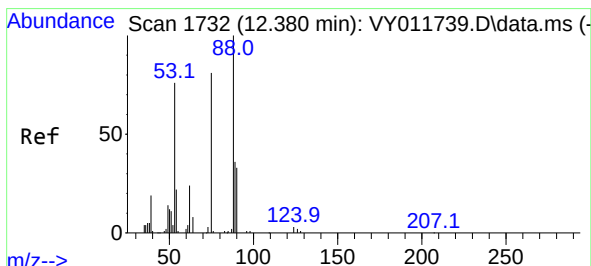
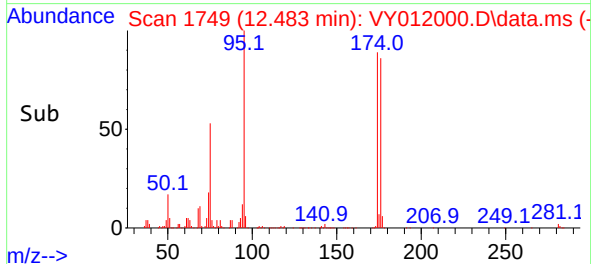
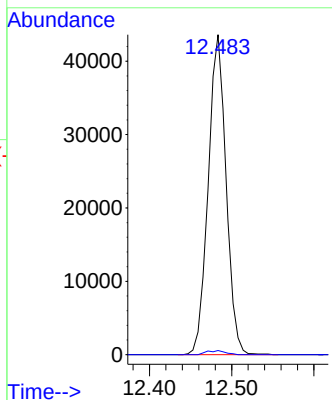
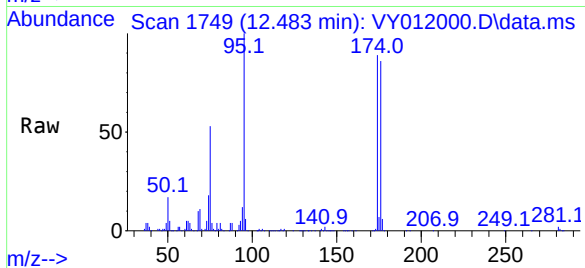




#76
1,2,3-Trichloropropane
Concen: 38.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

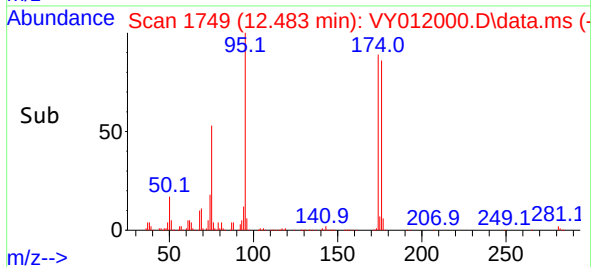
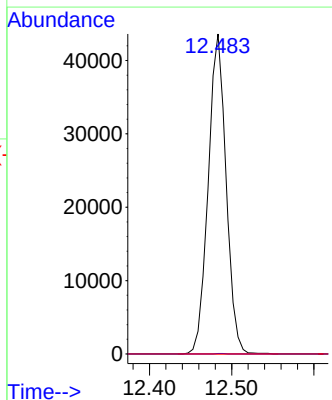
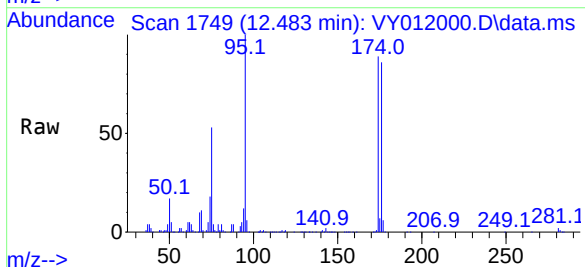
Instrument :
MSVOA_Y
ClientSampleId :

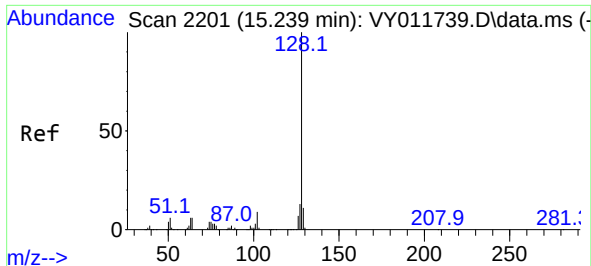
Tgt Ion: 75 Resp: 66080
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.116 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

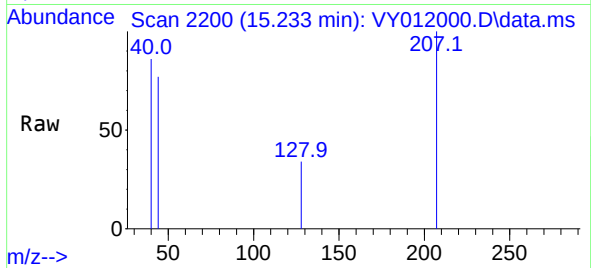
Tgt Ion: 75 Resp: 66080
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 2.803 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	135
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.8	13.2#

