

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007282.D
 Acq On : 24 Jan 2022 20:29
 Operator : SY/MD
 Sample : N1245-09
 Misc : 4.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 00:35:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	82448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	144781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	55255	54.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.240%
35) Dibromofluoromethane	7.722	113	51984	50.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.400%
50) Toluene-d8	10.179	98	190084	50.232	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.483	95	66677	49.535	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.060%

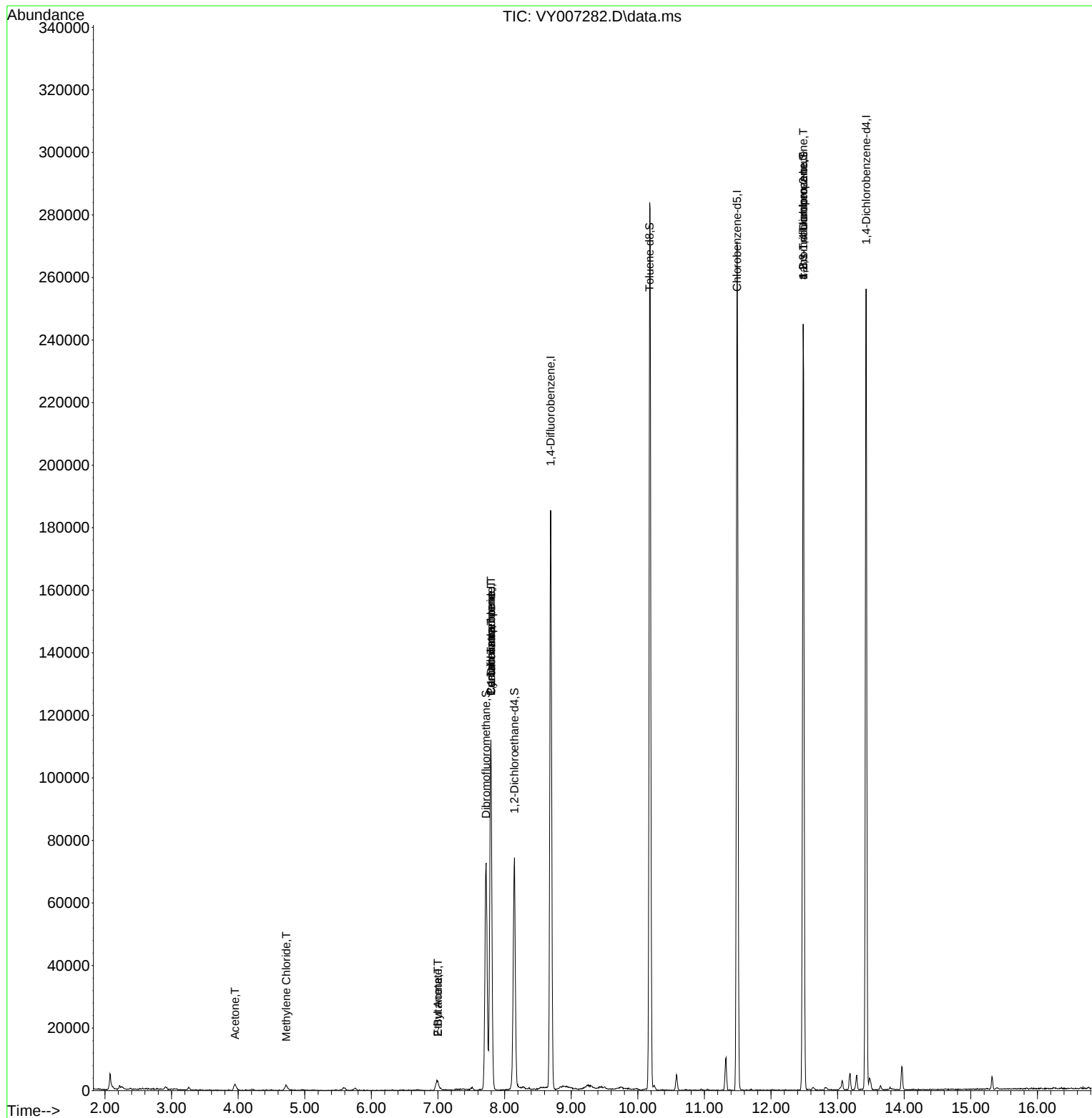
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.960	59	336	Below Cal	#	73
16) Acetone	3.954	43	3553	13.533	ug/l	98
20) Methylene Chloride	4.722	84	1150	1.059	ug/l	91
25) 2-Butanone	6.996	43	1552	4.572	ug/l	96
31) Cyclohexane	7.795	56	1956	1.144	ug/l	# 30
36) 1,1-Dichloropropene	7.795	75	7199	4.352	ug/l	# 50
37) Ethyl Acetate	6.996	43	1552	1.828	ug/l	# 67
38) Carbon Tetrachloride	7.795	117	9335	5.366	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	36505	52.540	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	36505	96.186	ug/l	# 3

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

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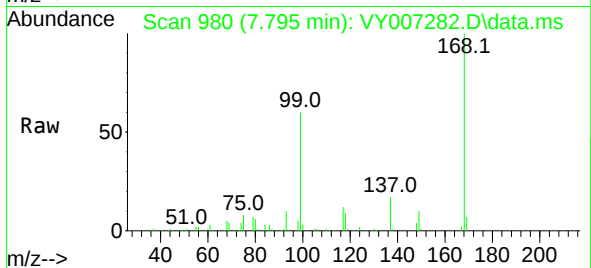
Quant Time: Jan 25 00:35:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration



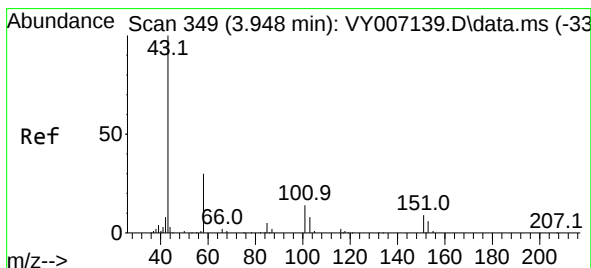
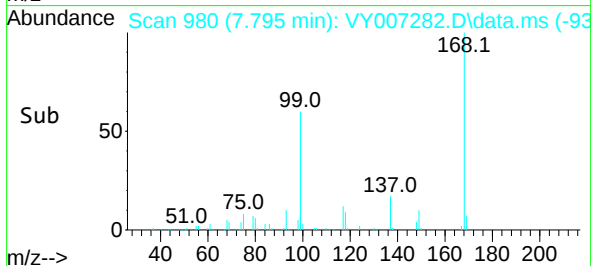
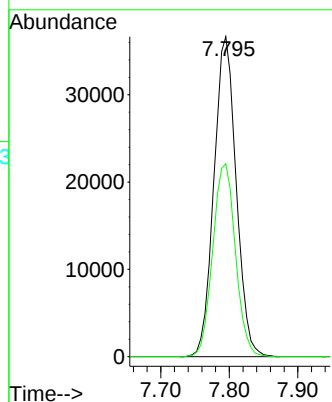


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007282.D
Acq: 24 Jan 2022 20:29

Instrument :
MSVOA_Y
ClientSampleId :

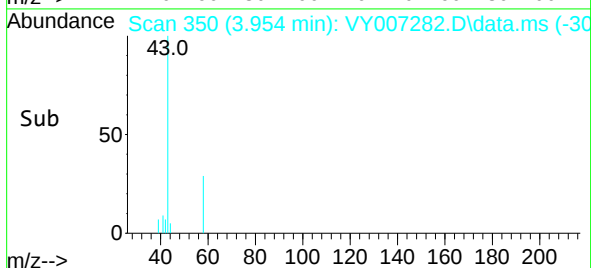
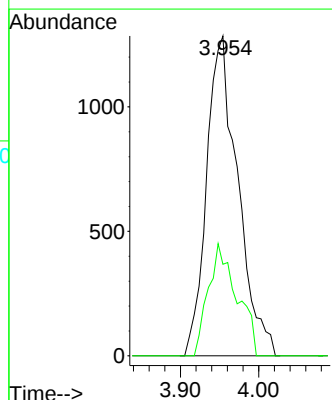
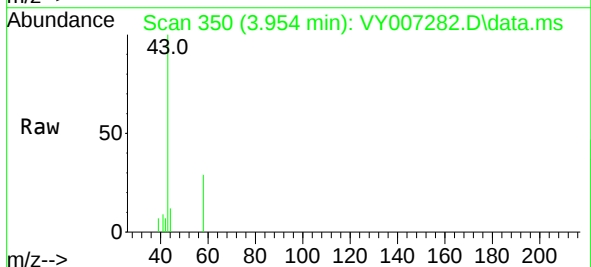


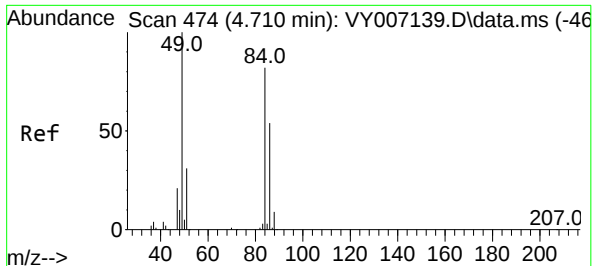
Tgt Ion:168 Resp: 82448
Ion Ratio Lower Upper
168 100
99 60.3 49.1 73.7



#16
Acetone
Concen: 13.533 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007282.D
Acq: 24 Jan 2022 20:29

Tgt Ion: 43 Resp: 3553
Ion Ratio Lower Upper
43 100
58 28.6 23.8 35.6





#20

Methylene Chloride

Concen: 1.059 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.013 min

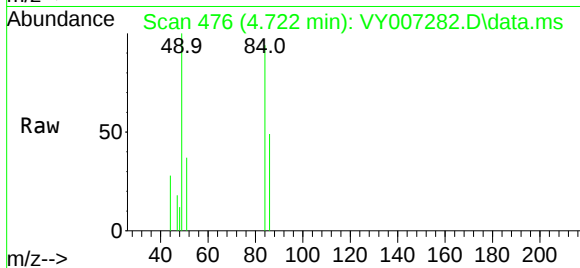
Lab File: VY007282.D

Acq: 24 Jan 2022 20:29

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 1150

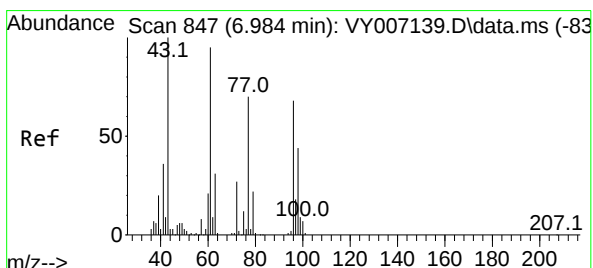
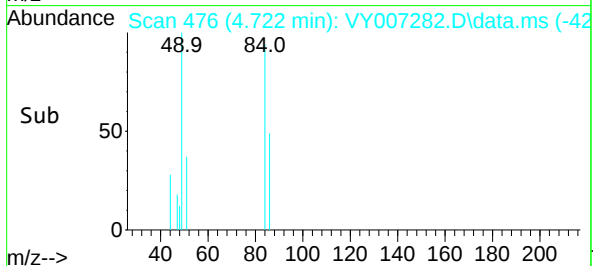
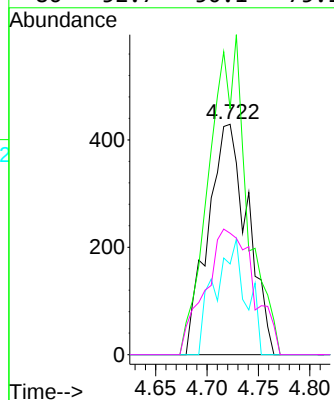
Ion Ratio Lower Upper

84 100

49 106.8 92.6 139.0

51 39.4 28.6 42.8

86 52.7 50.1 75.1



#25

2-Butanone

Concen: 4.572 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.013 min

Lab File: VY007282.D

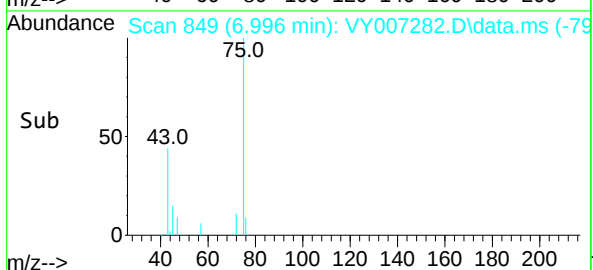
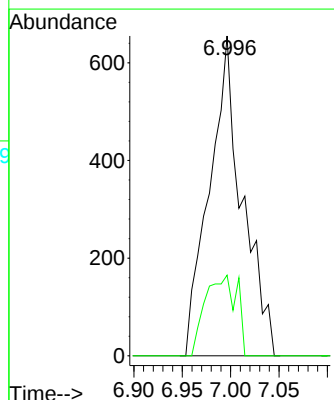
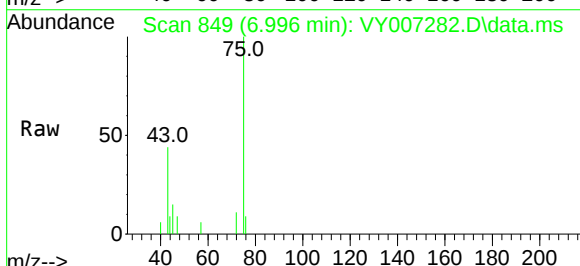
Acq: 24 Jan 2022 20:29

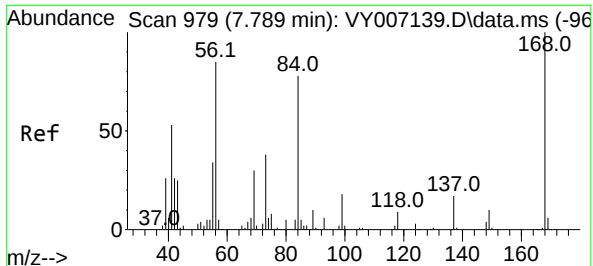
Tgt Ion: 43 Resp: 1552

Ion Ratio Lower Upper

43 100

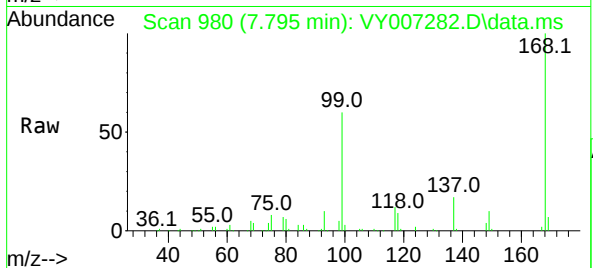
72 25.2 21.9 32.9



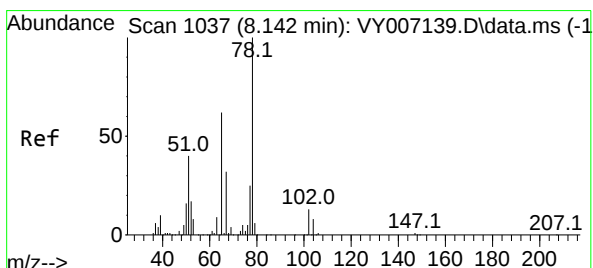
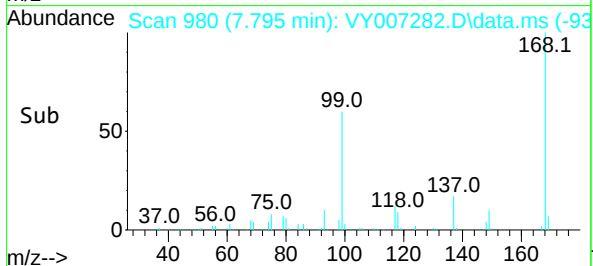
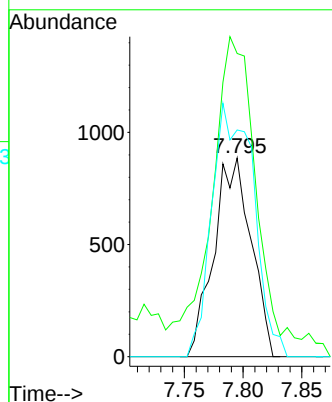


#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007282.D
Acq: 24 Jan 2022 20:29

Instrument :
MSVOA_Y
ClientSampleId :

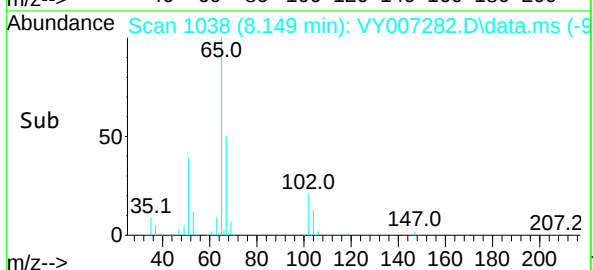
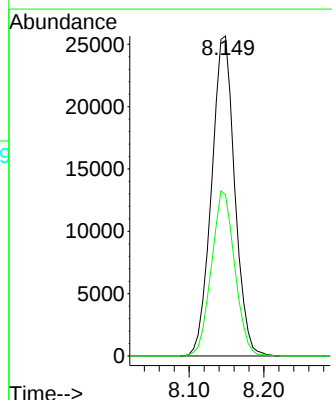
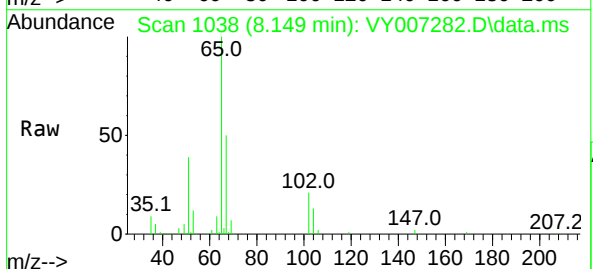


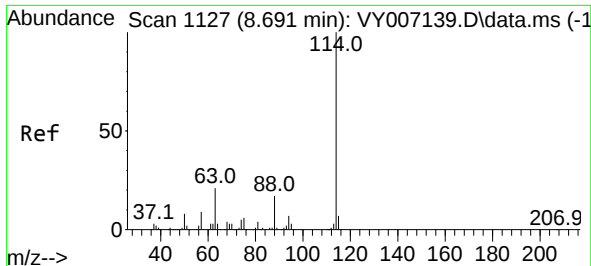
Tgt Ion: 56 Resp: 1956
Ion Ratio Lower Upper
56 100
69 142.0 27.2 40.8#
84 114.1 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 54.619 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007282.D
Acq: 24 Jan 2022 20:29

Tgt Ion: 65 Resp: 55255
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.6

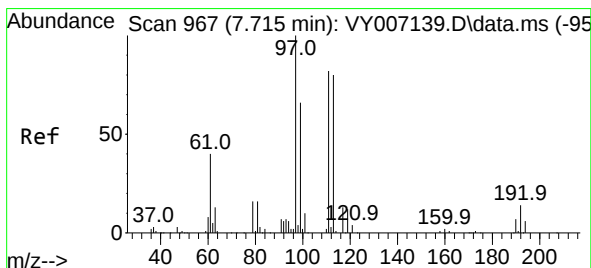
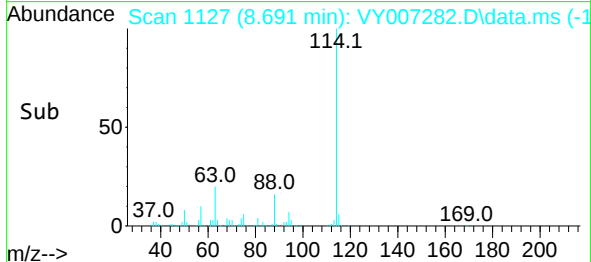
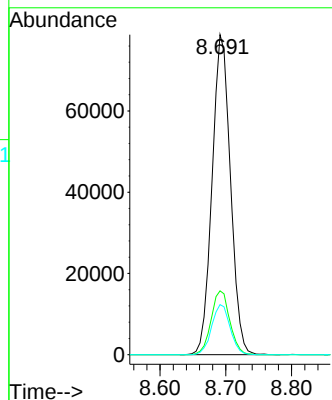
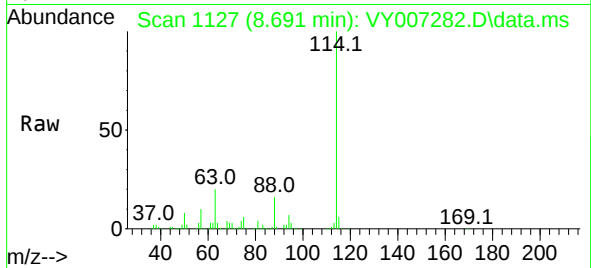




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007282.D
Acq: 24 Jan 2022 20:29

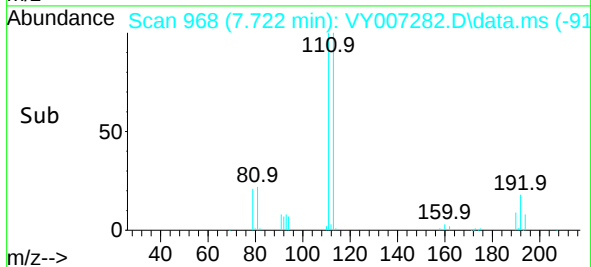
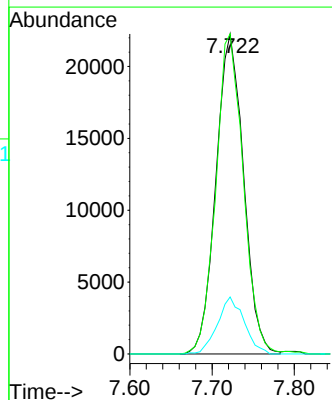
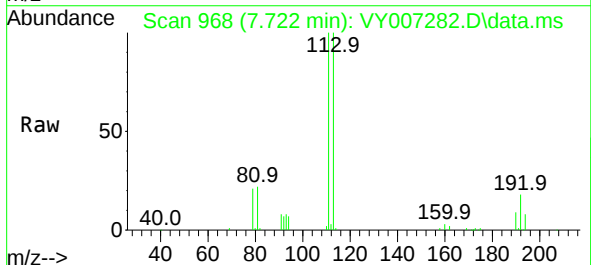
Instrument :
MSVOA_Y
ClientSampleId :

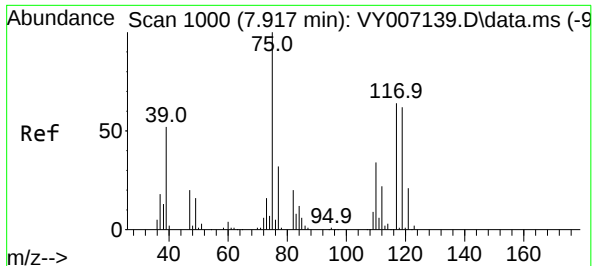
Tgt Ion:114 Resp: 153157
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 15.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.196 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007282.D
Acq: 24 Jan 2022 20:29

Tgt Ion:113 Resp: 51984
Ion Ratio Lower Upper
113 100
111 99.5 82.2 123.4
192 17.3 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.352 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

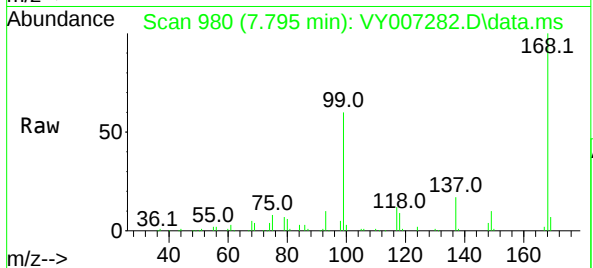
Lab File: VY007282.D

Acq: 24 Jan 2022 20:29

Instrument :

MSVOA_Y

ClientSampleId :



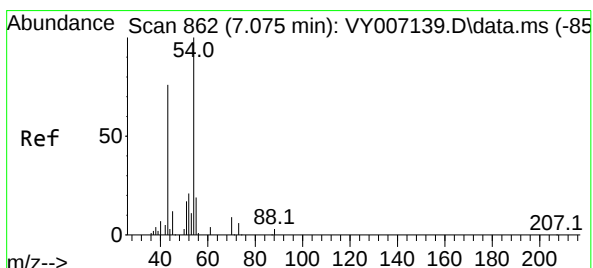
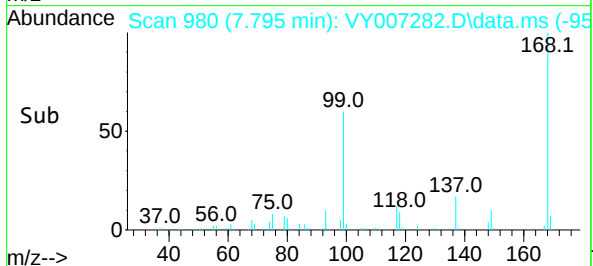
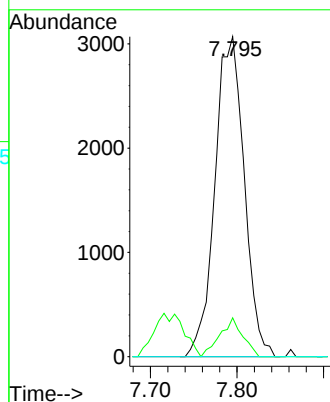
Tgt Ion: 75 Resp: 7199

Ion Ratio Lower Upper

75 100

110 9.5 17.3 51.9#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.828 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.079 min

Lab File: VY007282.D

Acq: 24 Jan 2022 20:29

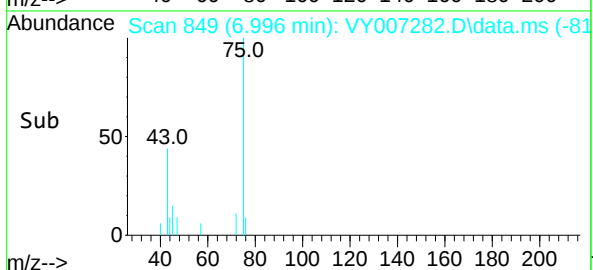
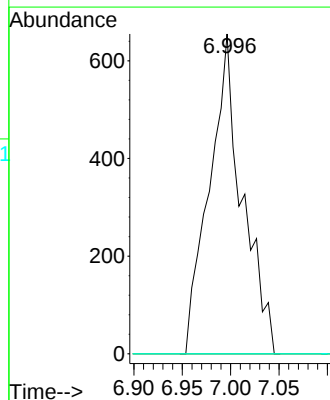
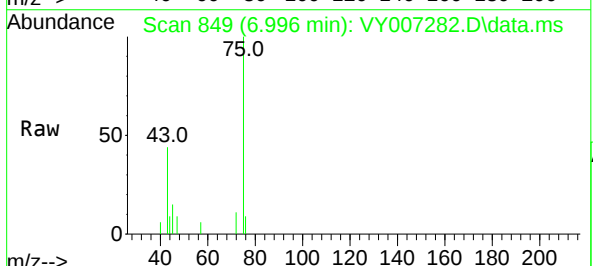
Tgt Ion: 43 Resp: 1552

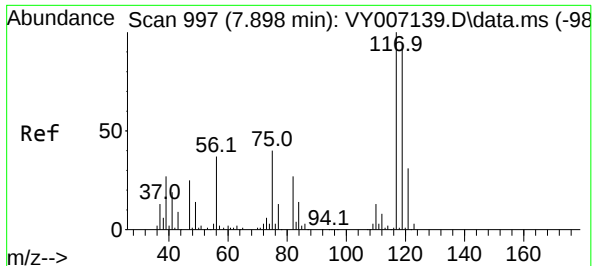
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.8#

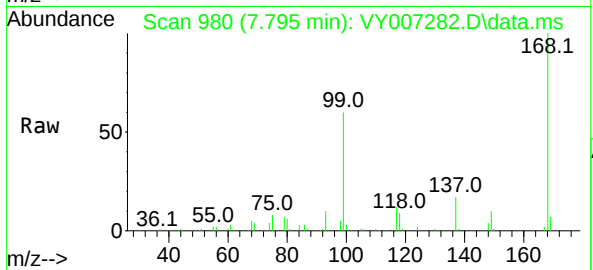
70 0.0 9.0 13.4#



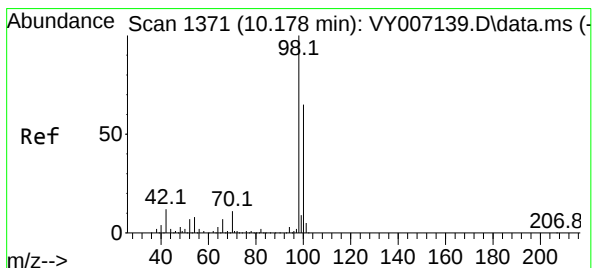
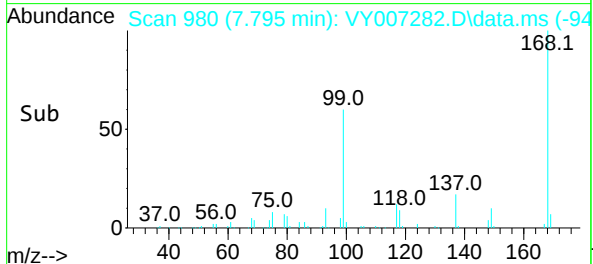
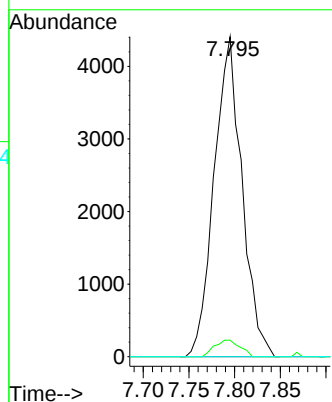


#38
Carbon Tetrachloride
Concen: 5.366 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY007282.D
Acq: 24 Jan 2022 20:29

Instrument :
MSVOA_Y
ClientSampleId :

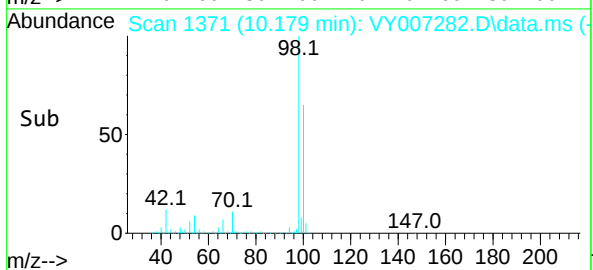
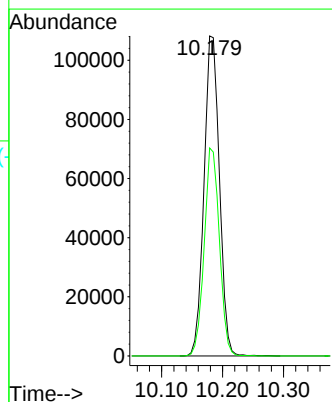
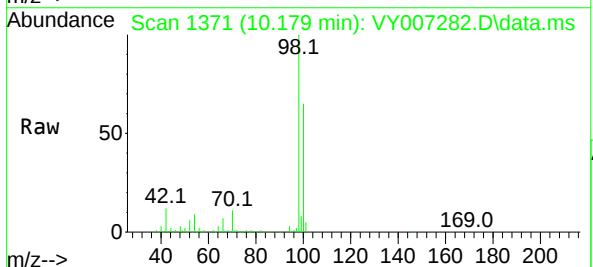


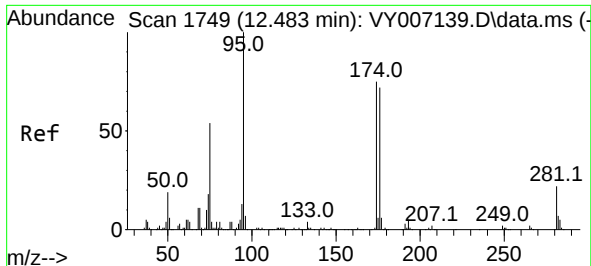
Tgt Ion:117 Resp: 9335
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.232 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007282.D
Acq: 24 Jan 2022 20:29

Tgt Ion: 98 Resp: 190084
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2

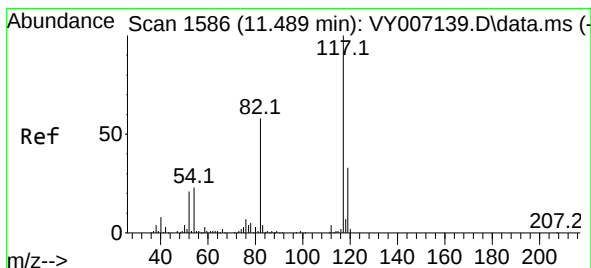
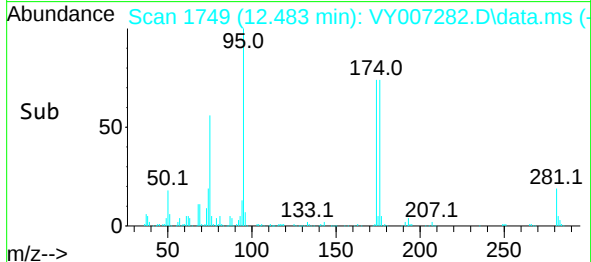
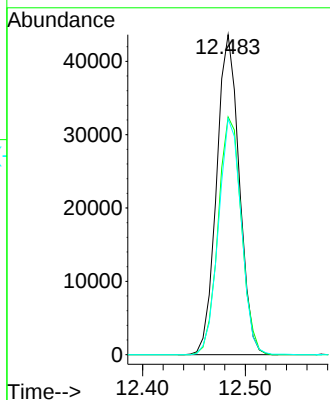
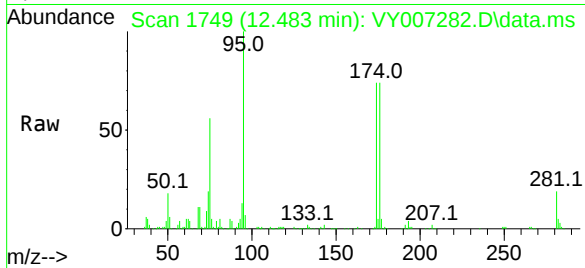




#62
4-Bromofluorobenzene
Concen: 49.535 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007282.D
Acq: 24 Jan 2022 20:29

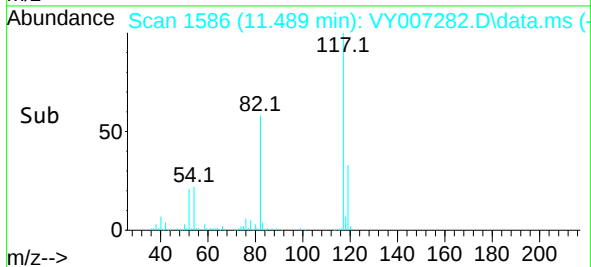
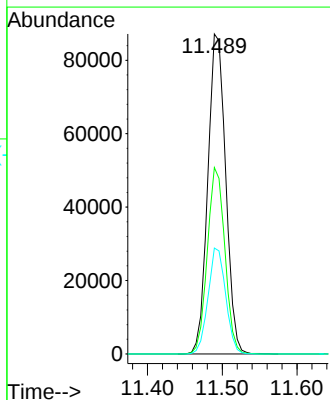
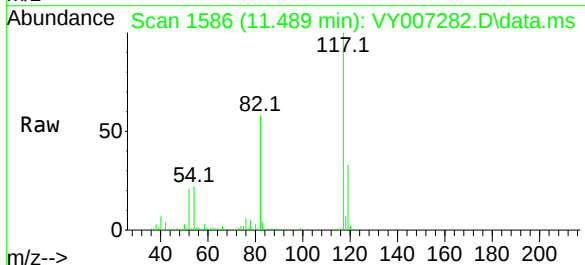
Instrument :
MSVOA_Y
ClientSampleId :

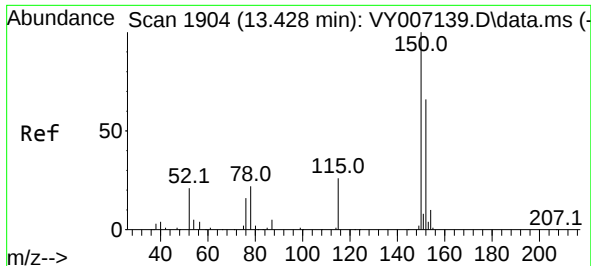
Tgt Ion: 95 Resp: 66677
Ion Ratio Lower Upper
95 100
174 76.2 0.0 148.4
176 74.2 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007282.D
Acq: 24 Jan 2022 20:29

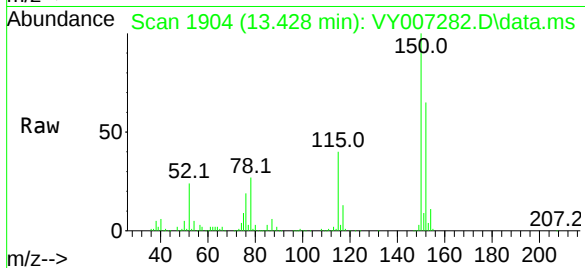
Tgt Ion: 117 Resp: 144781
Ion Ratio Lower Upper
117 100
82 58.3 45.4 68.0
119 33.1 26.4 39.6



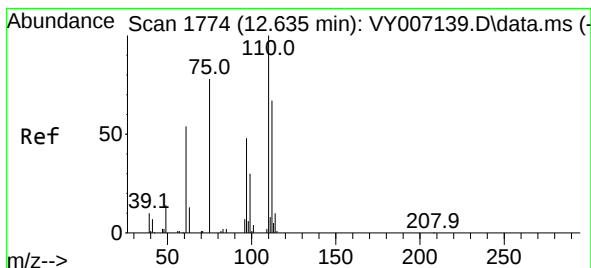
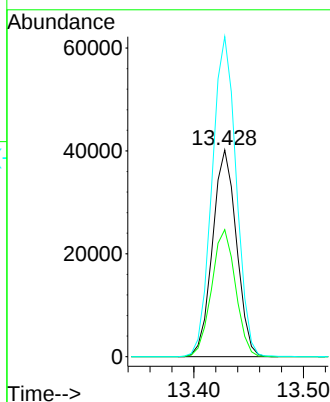
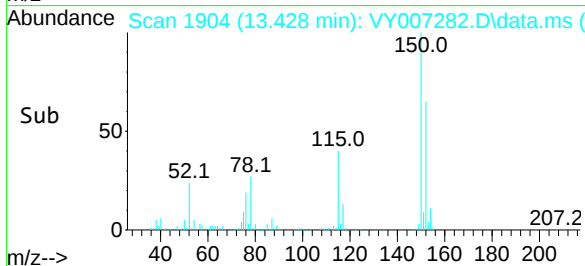


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007282.D
 Acq: 24 Jan 2022 20:29

Instrument :
 MSVOA_Y
 ClientSampleId :

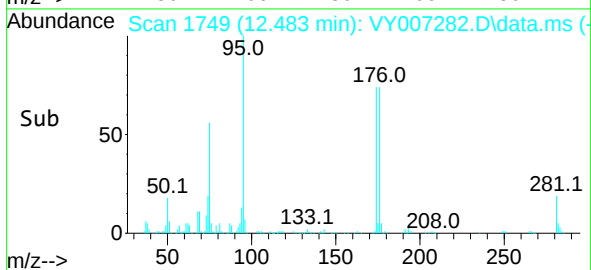
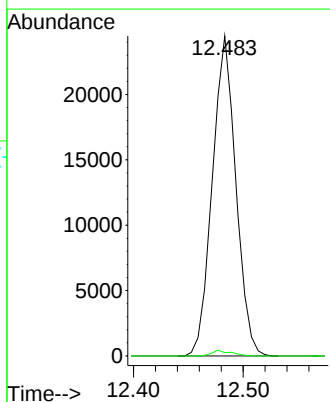
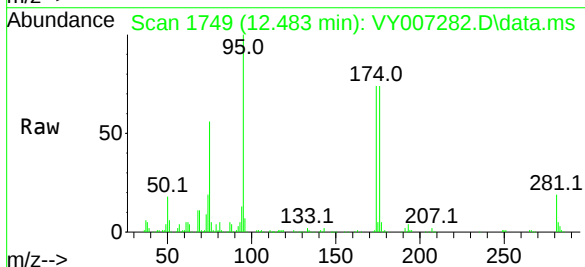


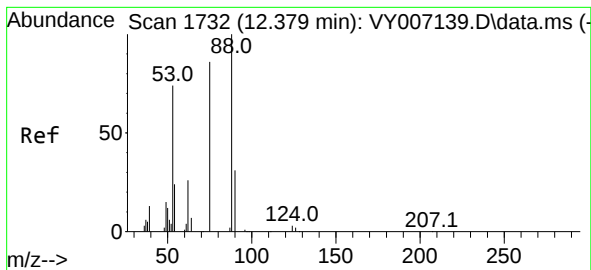
Tgt Ion:152 Resp: 60934
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.4 94.0
 150 156.6 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 52.540 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007282.D
 Acq: 24 Jan 2022 20:29

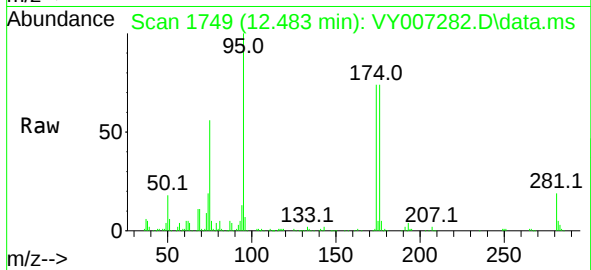
Tgt Ion: 75 Resp: 36505
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.186 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007282.D
 Acq: 24 Jan 2022 20:29

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 36505
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.5 0.0 0.0#

