

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007399.D
 Acq On : 04 Feb 2022 17:00
 Operator : SY/MD
 Sample : N1387-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26516

Quant Time: Feb 06 23:37:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

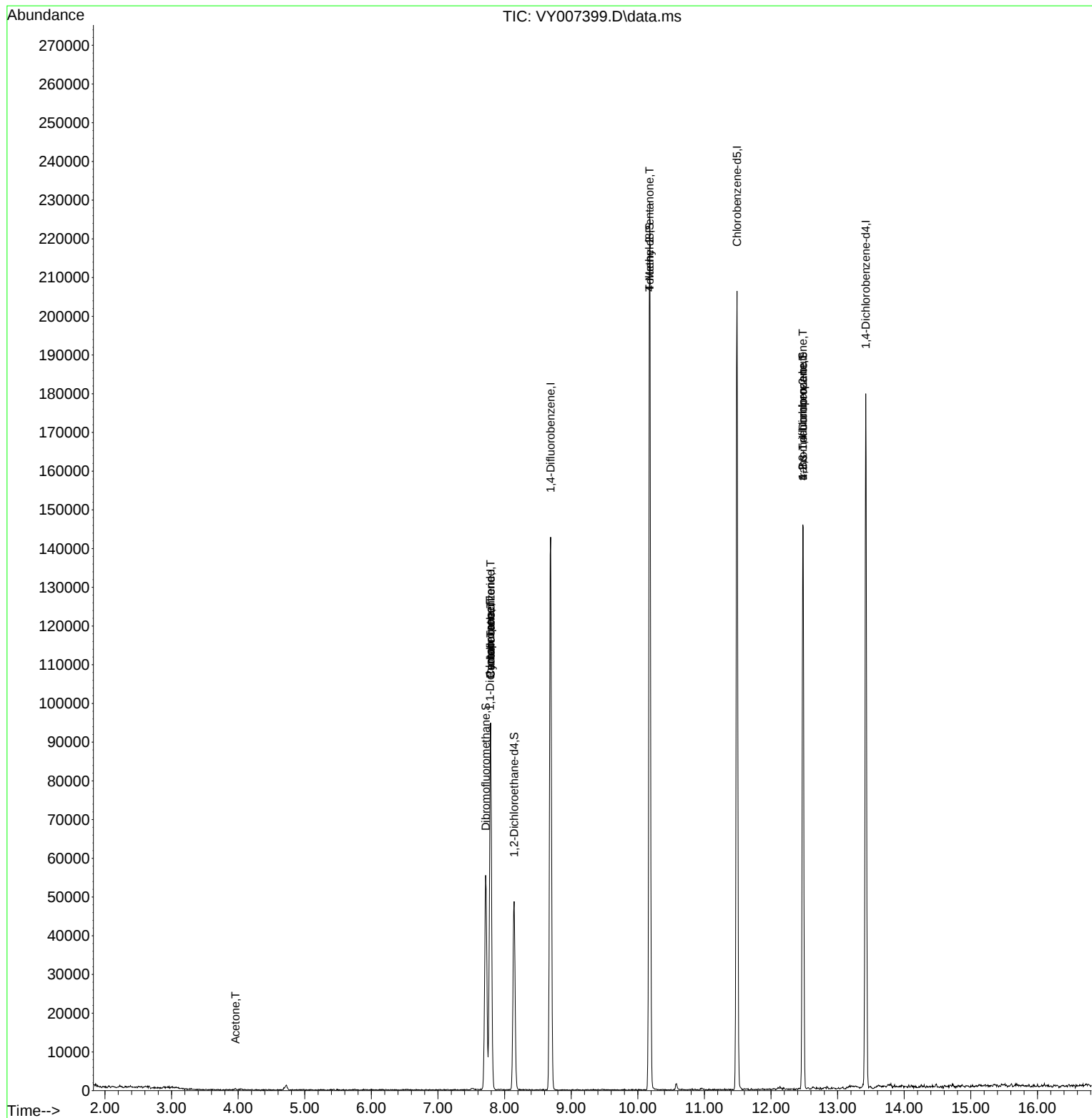
Internal Standards						
1) Pentafluorobenzene	7.789	168	66922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	121815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	108854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	38847	50.466	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 100.940%	
35) Dibromofluoromethane	7.716	113	38321	48.990	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 97.980%	
50) Toluene-d8	10.179	98	147023	50.874	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 101.740%	
62) 4-Bromofluorobenzene	12.477	95	48002	48.869	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 97.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	264	Below Cal	#	44
16) Acetone	3.960	43	373	1.492	ug/l #	47
20) Methylene Chloride	4.722	84	787	Below Cal	#	87
31) Cyclohexane	7.789	56	1644	1.095	ug/l #	9
36) 1,1-Dichloropropene	7.783	75	5638	4.123	ug/l #	52
38) Carbon Tetrachloride	7.789	117	7465	5.196	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	765	1.186	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	25569	50.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25569	101.638	ug/l #	7

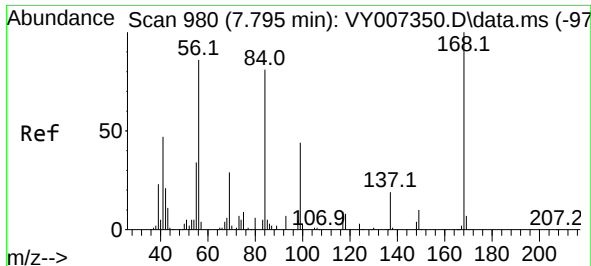
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
Data File : VY007399.D
Acq On : 04 Feb 2022 17:00
Operator : SY/MD
Sample : N1387-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
26516

Quant Time: Feb 06 23:37:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

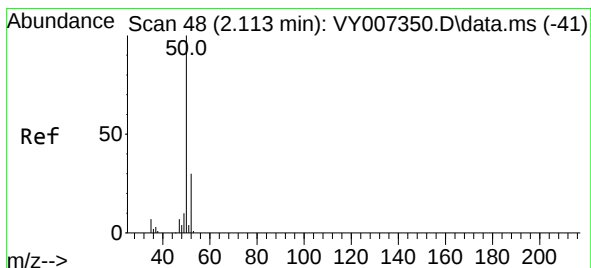
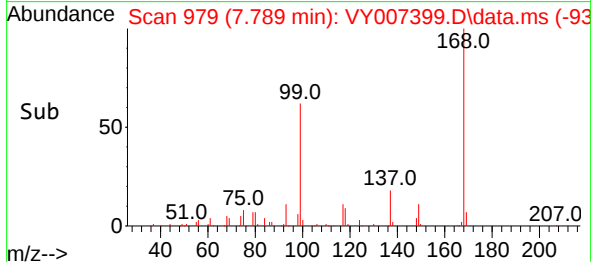
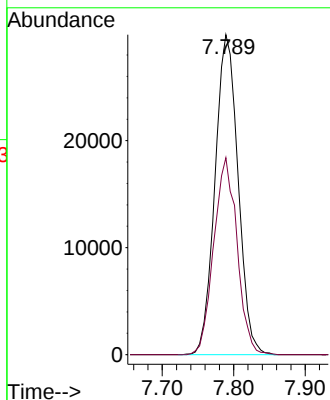
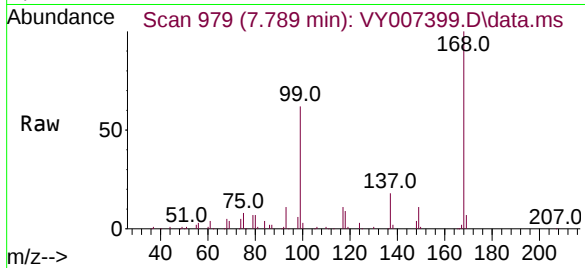




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

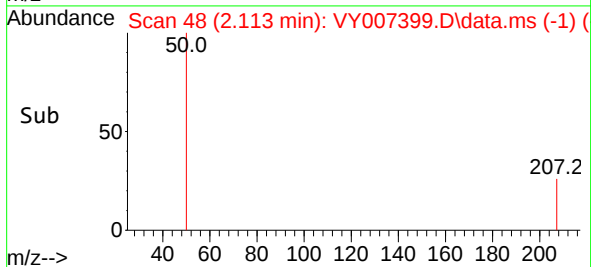
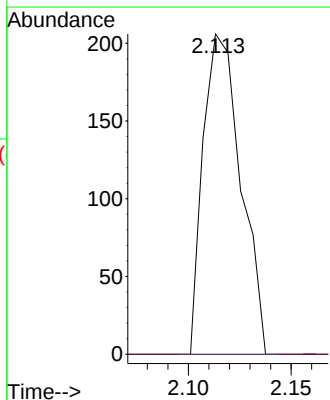
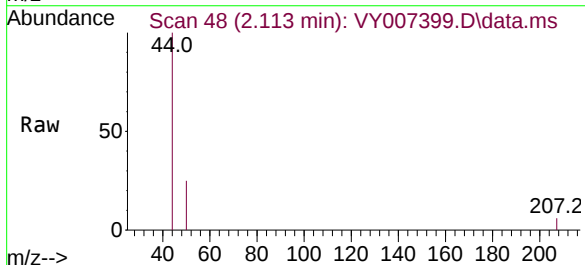
Instrument :
MSVOA_Y
ClientSampleId :
26516

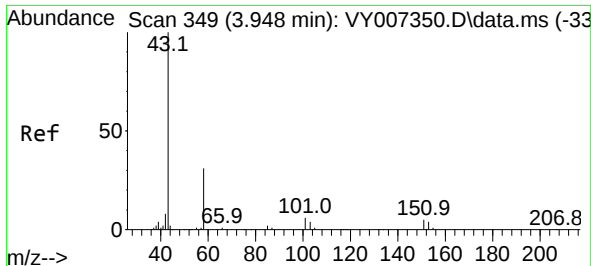
Tgt Ion:168 Resp: 66922
Ion Ratio Lower Upper
168 100
99 61.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

Tgt Ion: 50 Resp: 264
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

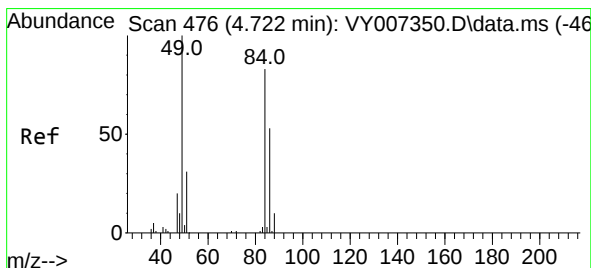
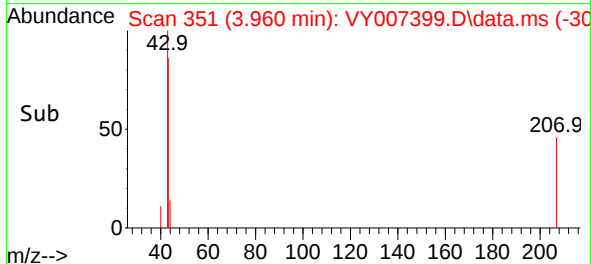
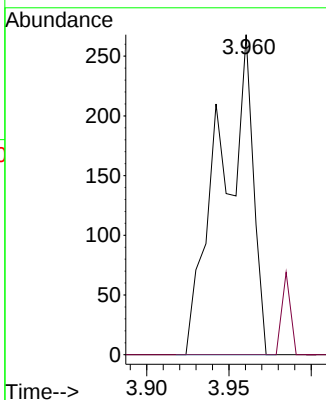
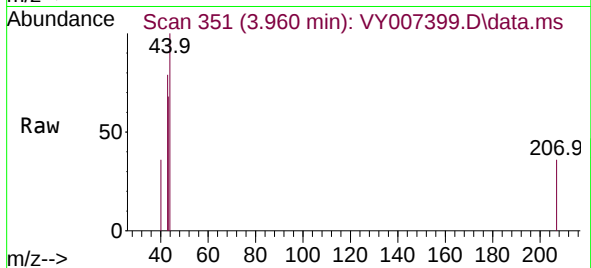




#16
Acetone
Concen: 1.492 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

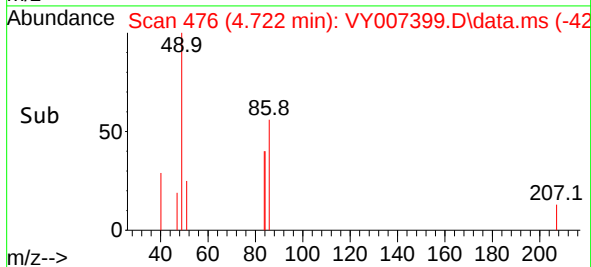
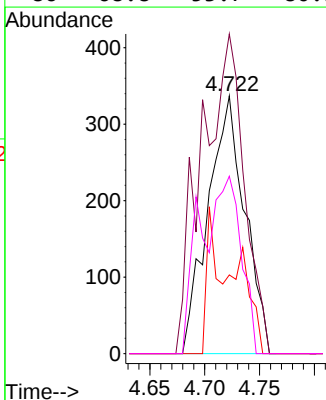
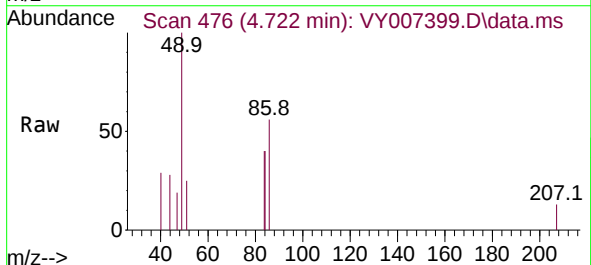
Instrument :
MSVOA_Y
ClientSampleId :
26516

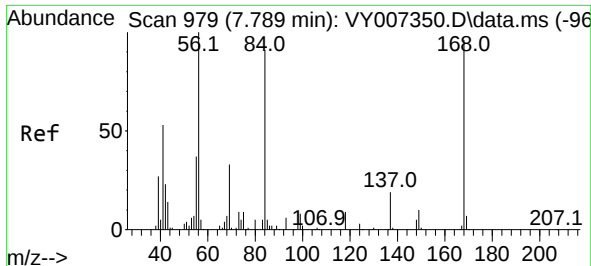
Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

Tgt Ion: 84 Resp: 787
Ion Ratio Lower Upper
84 100
49 124.0 114.4 171.6
51 30.6 35.3 52.9#
86 68.8 53.7 80.5

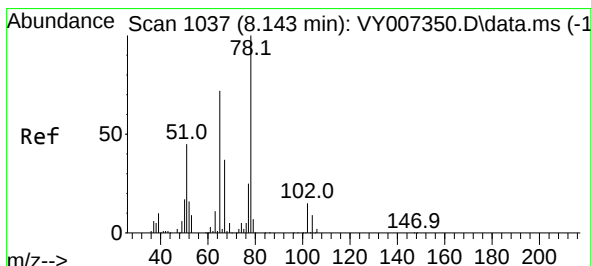
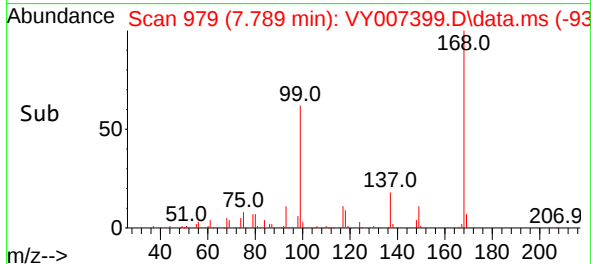
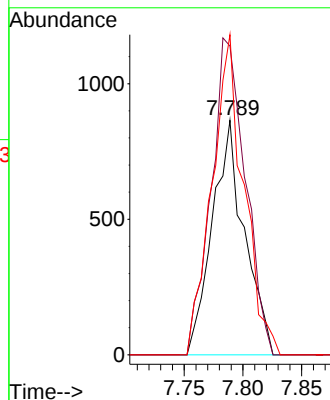
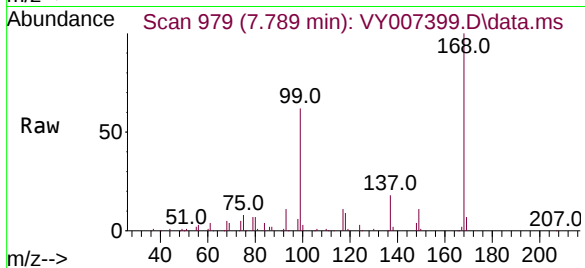




#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

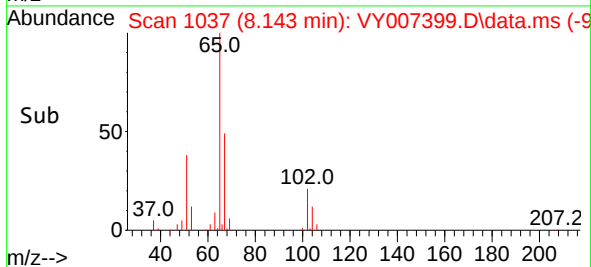
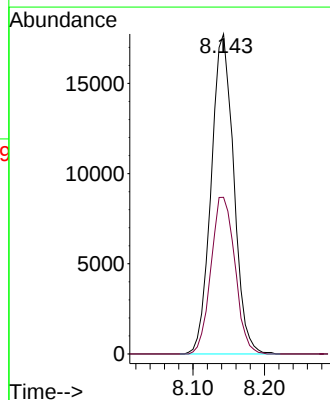
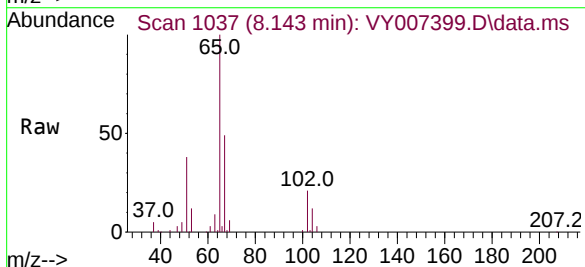
Instrument :
MSVOA_Y
ClientSampleId :
26516

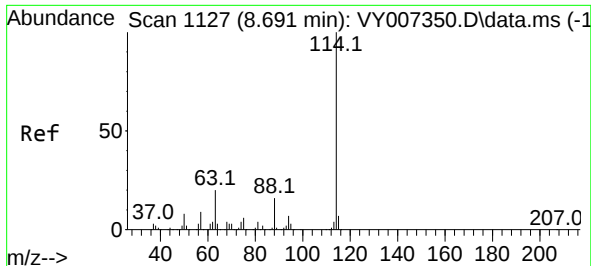
Tgt Ion: 56 Resp: 1644
Ion Ratio Lower Upper
56 100
69 131.7 26.7 40.1#
84 136.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.466 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

Tgt Ion: 65 Resp: 38847
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007399.D

Acq: 04 Feb 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

26516

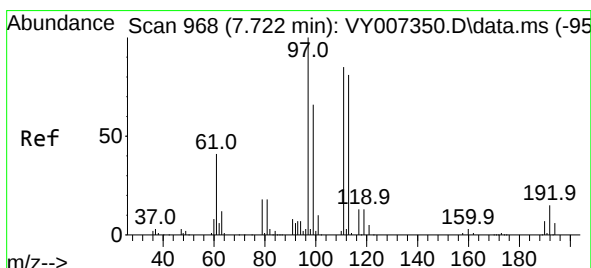
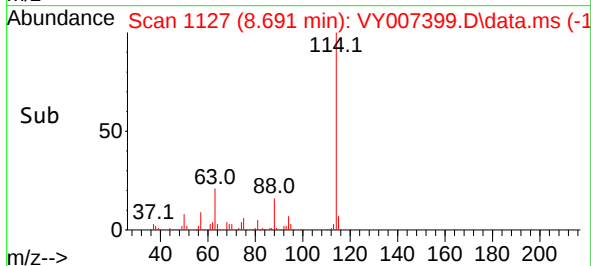
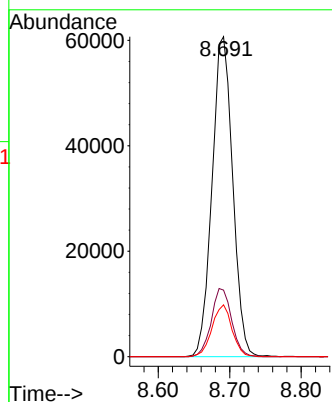
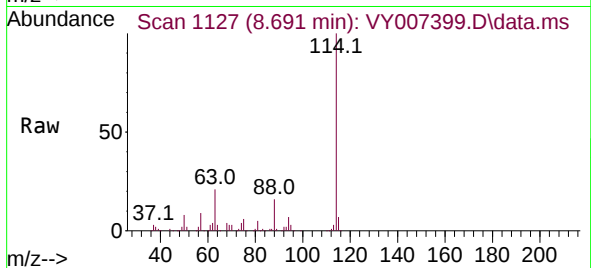
Tgt Ion:114 Resp: 121815

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.990 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007399.D

Acq: 04 Feb 2022 17:00

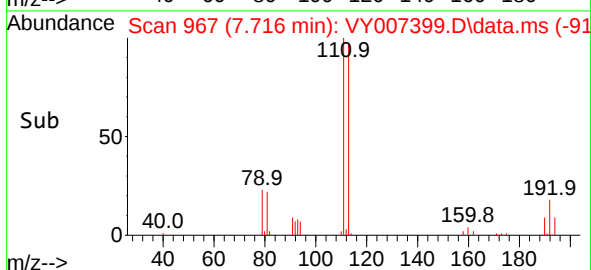
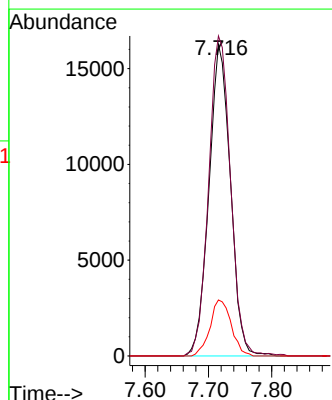
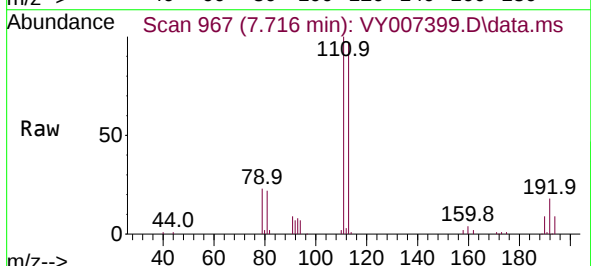
Tgt Ion:113 Resp: 38321

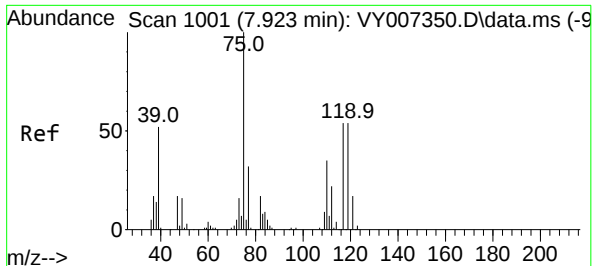
Ion Ratio Lower Upper

113 100

111 104.8 82.6 124.0

192 17.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.123 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY007399.D

Acq: 04 Feb 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

26516

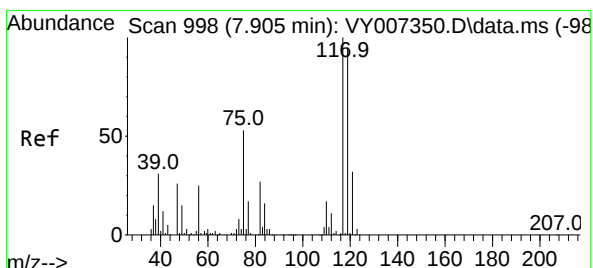
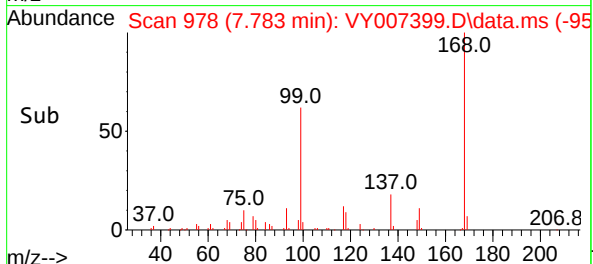
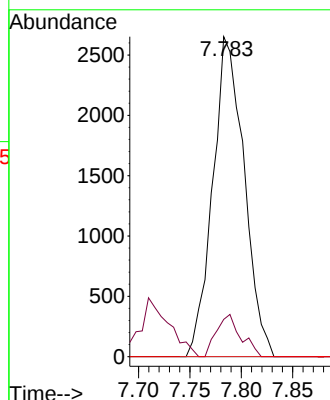
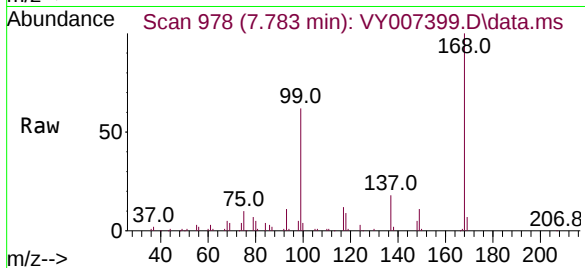
Tgt Ion: 75 Resp: 5638

Ion Ratio Lower Upper

75 100

110 10.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.196 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY007399.D

Acq: 04 Feb 2022 17:00

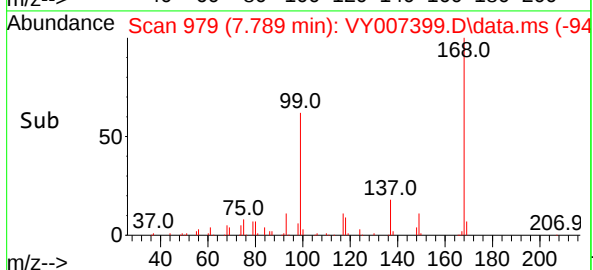
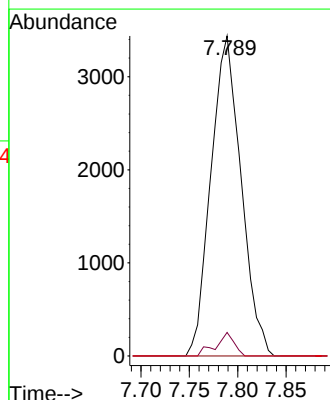
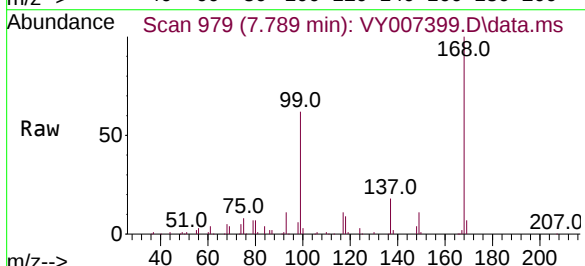
Tgt Ion: 117 Resp: 7465

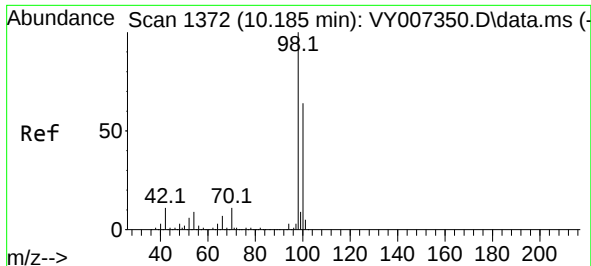
Ion Ratio Lower Upper

117 100

119 7.4 77.9 116.9#

121 0.0 24.8 37.2#

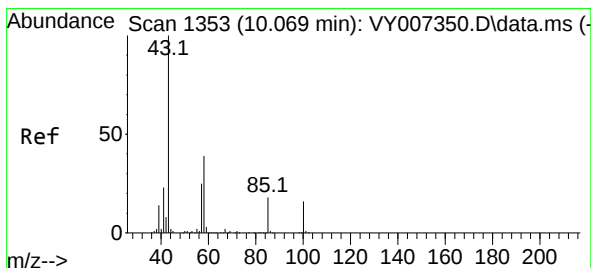
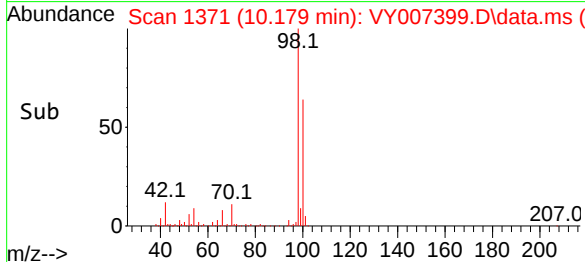
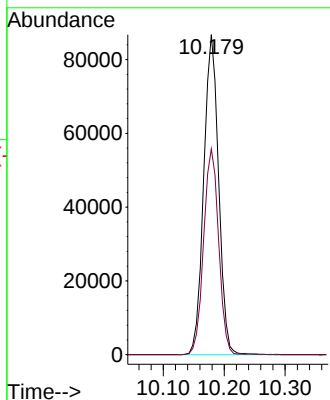
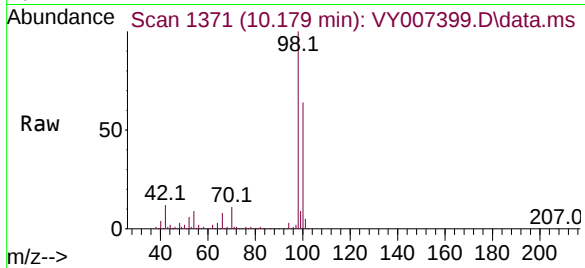




#50
Toluene-d8
Concen: 50.874 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

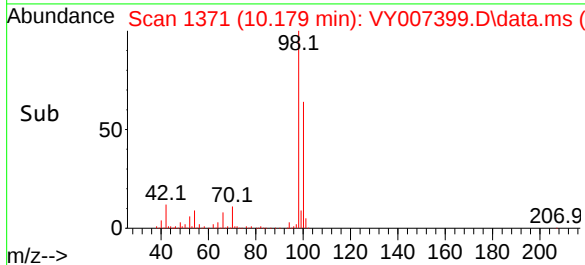
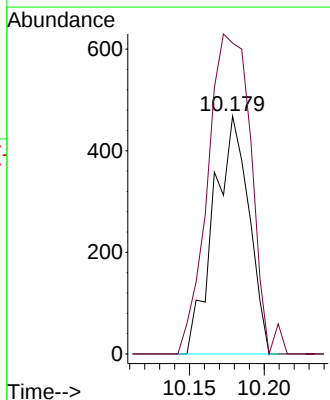
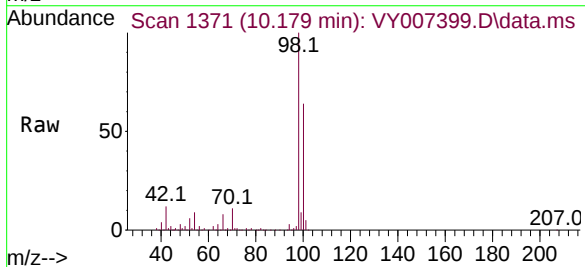
Instrument :
MSVOA_Y
ClientSampleId :
26516

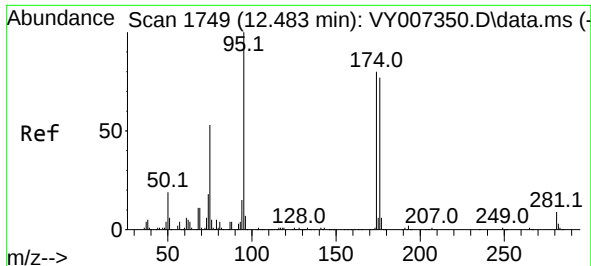
Tgt Ion: 98 Resp: 147023
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.186 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
58 166.0 28.1 42.1#





#62

4-Bromofluorobenzene

Concen: 48.869 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007399.D

Acq: 04 Feb 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

26516

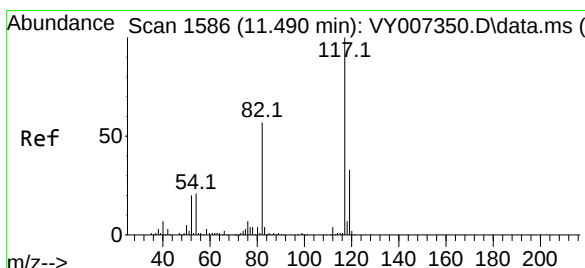
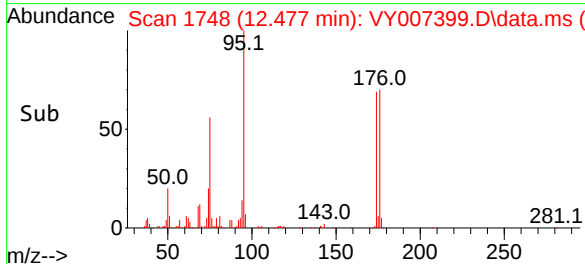
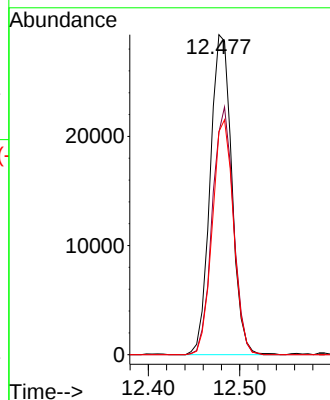
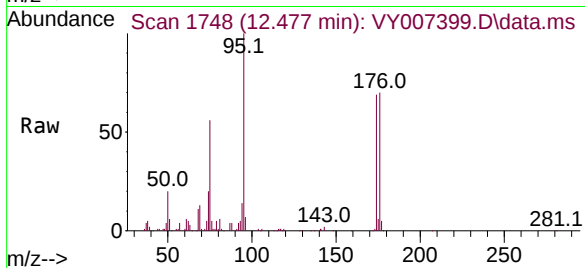
Tgt Ion: 95 Resp: 48002

Ion Ratio Lower Upper

95 100

174 75.7 0.0 177.0

176 72.3 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY007399.D

Acq: 04 Feb 2022 17:00

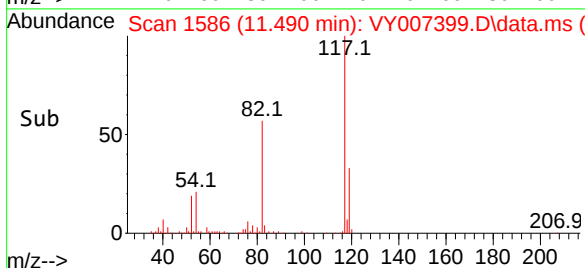
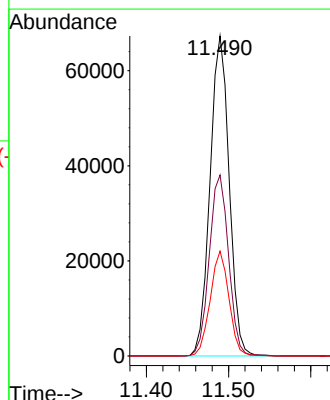
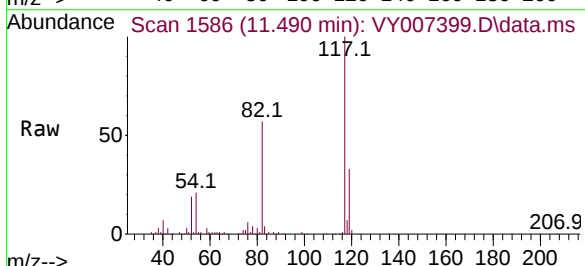
Tgt Ion: 117 Resp: 108854

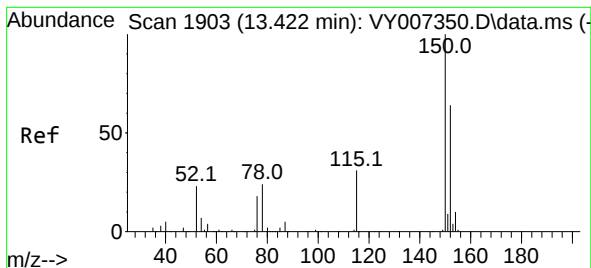
Ion Ratio Lower Upper

117 100

82 56.6 43.0 64.4

119 32.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY007399.D

Acq: 04 Feb 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

26516

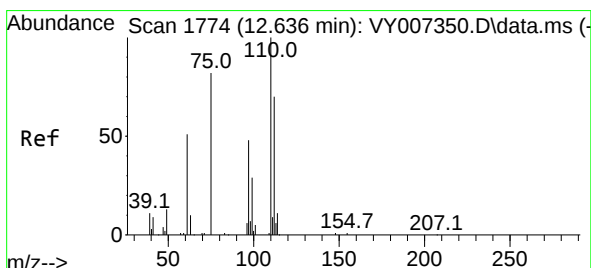
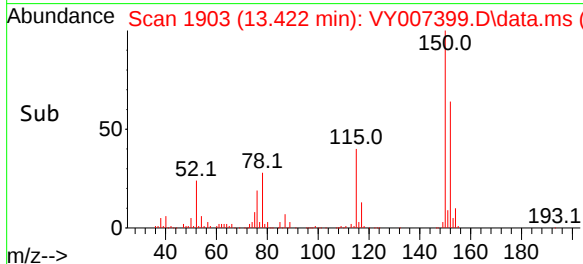
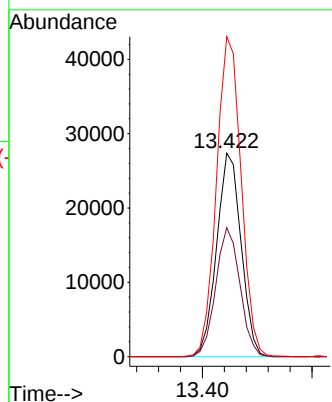
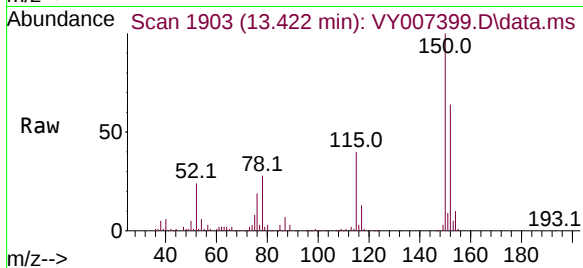
Tgt Ion:152 Resp: 42395

Ion Ratio Lower Upper

152 100

115 62.7 28.2 84.7

150 158.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 50.732 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY007399.D

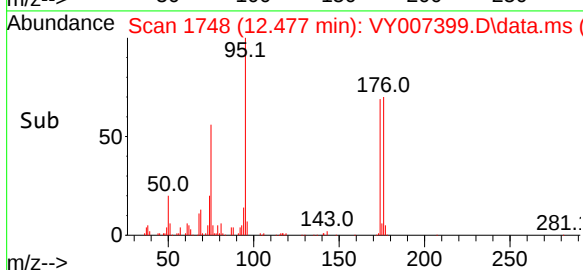
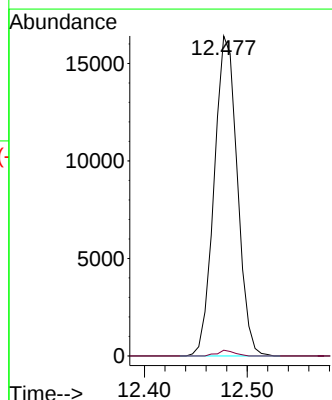
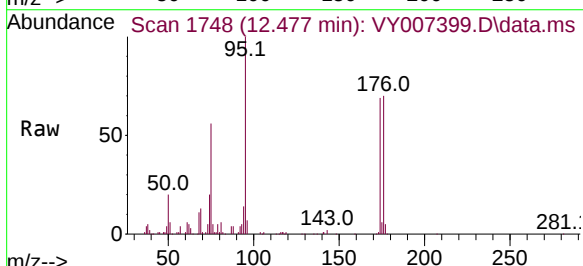
Acq: 04 Feb 2022 17:00

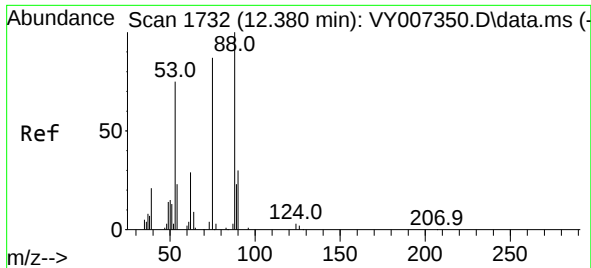
Tgt Ion: 75 Resp: 25569

Ion Ratio Lower Upper

75 100

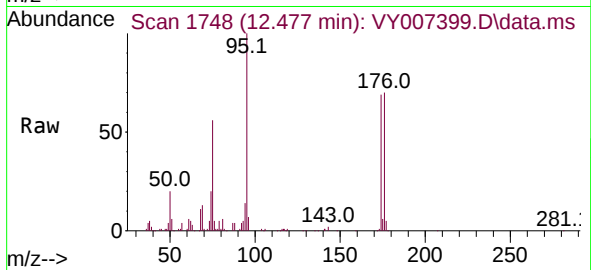
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.638 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY007399.D
 Acq: 04 Feb 2022 17:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 26516



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

