

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
 Data File : VY007255.D
 Acq On : 21 Jan 2022 16:05
 Operator : SY/MD
 Sample : N1237-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 22 00:24:12 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)

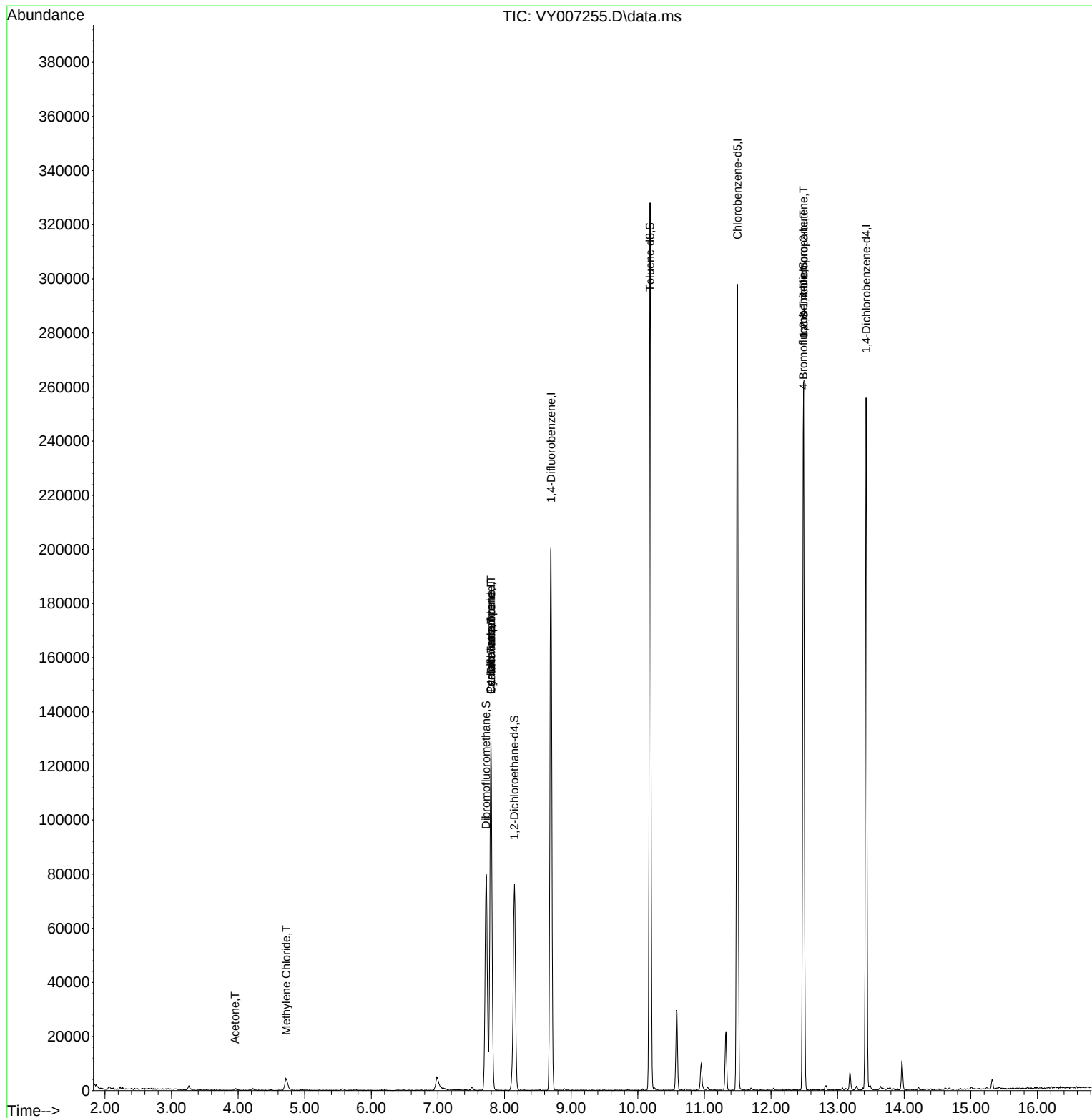
Internal Standards						
1) Pentafluorobenzene	7.795	168	92502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	154716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59572	52.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.980%	
35) Dibromofluoromethane	7.722	113	56931	48.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.780%	
50) Toluene-d8	10.185	98	203926	47.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.860%	
62) 4-Bromofluorobenzene	12.483	95	67615	44.678	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	346	Below Cal	#	73
16) Acetone	3.954	43	1274	4.325	ug/l	90
20) Methylene Chloride	4.723	84	3239	2.659	ug/l	97
31) Cyclohexane	7.795	56	2207	1.150	ug/l	# 13
36) 1,1-Dichloropropene	7.795	75	8132	4.373	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	10354	5.293	ug/l	# 15
76) 1,2,3-Trichloropropane	12.489	75	37496	55.573	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	37496	101.739	ug/l	# 3

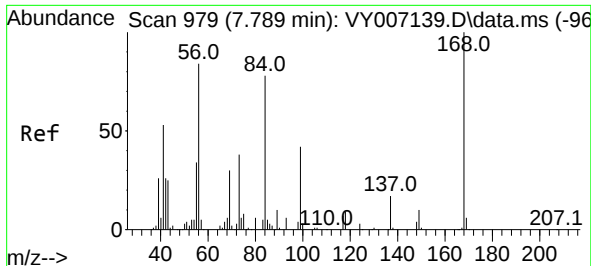
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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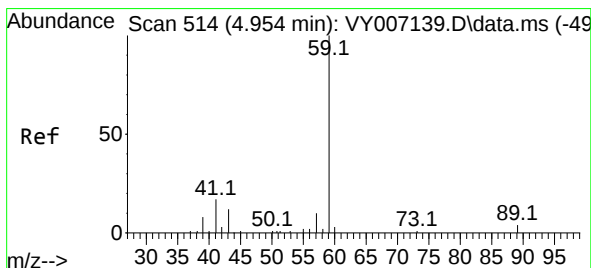
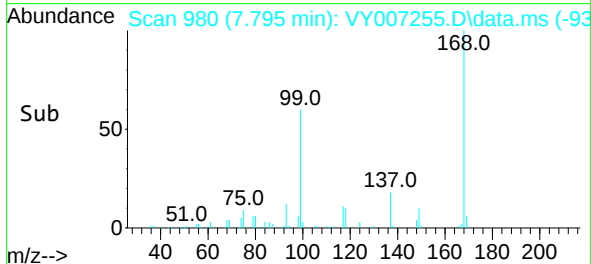
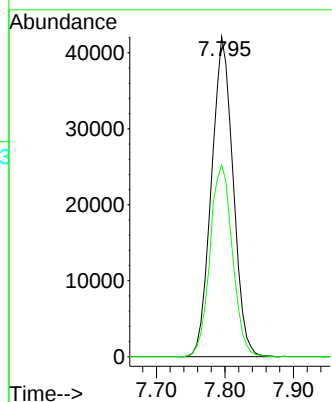
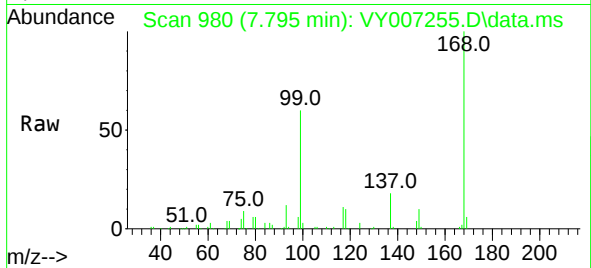




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007255.D
Acq: 21 Jan 2022 16:05

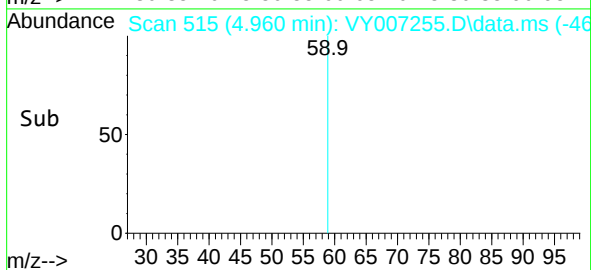
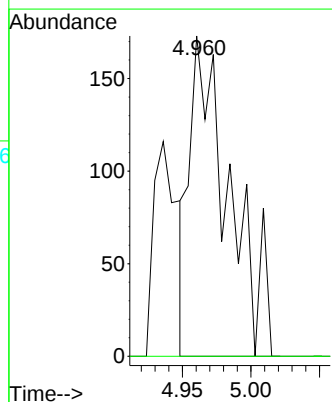
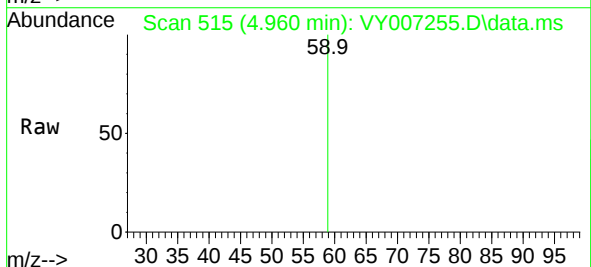
Instrument :
MSVOA_Y
ClientSampleId :

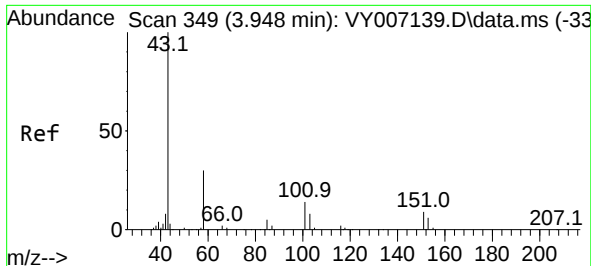
Tgt Ion:168 Resp: 92502
Ion Ratio Lower Upper
168 100
99 59.9 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY007255.D
Acq: 21 Jan 2022 16:05

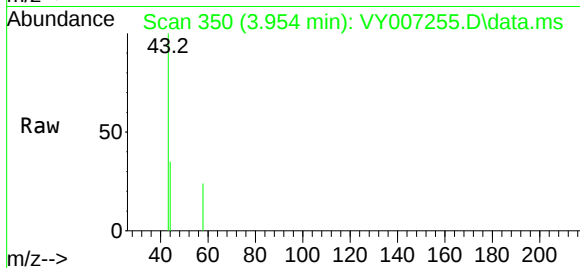
Tgt Ion: 59 Resp: 346
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



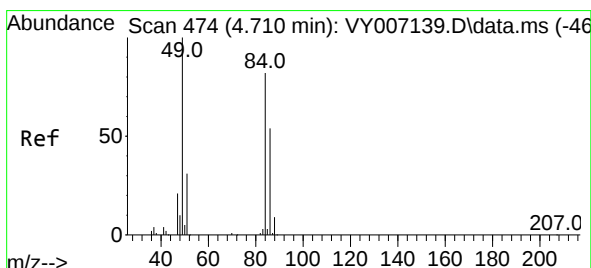
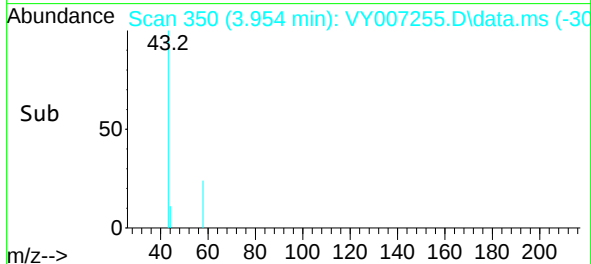
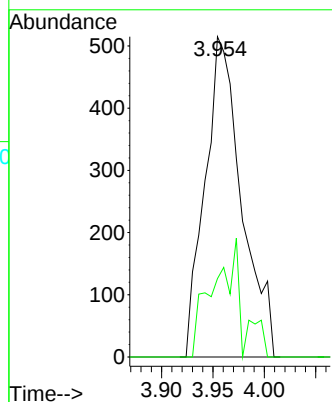


#16
Acetone
Concen: 4.325 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY007255.D
Acq: 21 Jan 2022 16:05

Instrument :
MSVOA_Y
ClientSampleId :

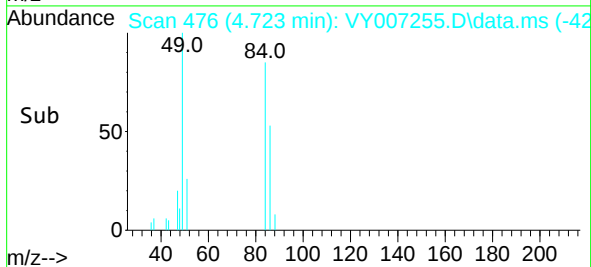
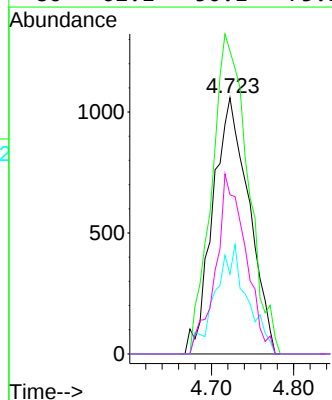
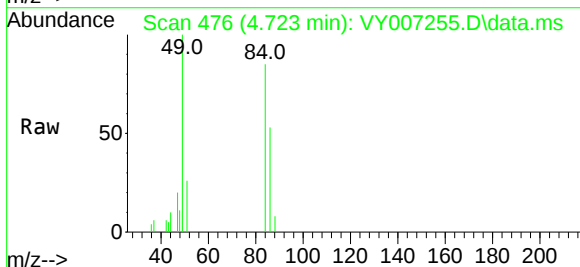


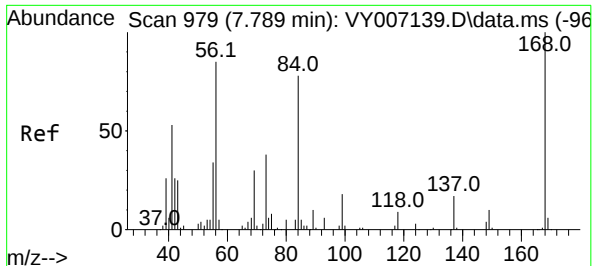
Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 24.5 23.8 35.6



#20
Methylene Chloride
Concen: 2.659 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY007255.D
Acq: 21 Jan 2022 16:05

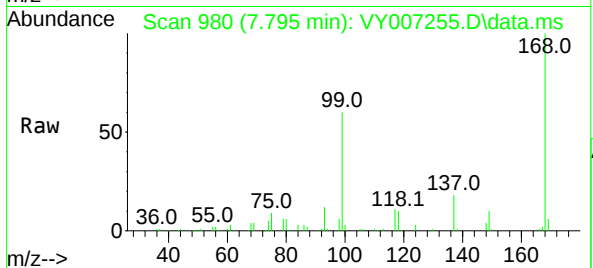
Tgt Ion: 84 Resp: 3239
Ion Ratio Lower Upper
84 100
49 118.3 92.6 139.0
51 31.2 28.6 42.8
86 62.1 50.1 75.1



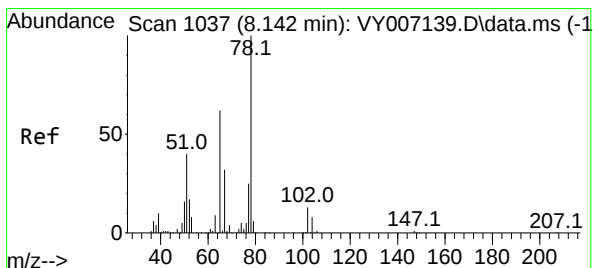
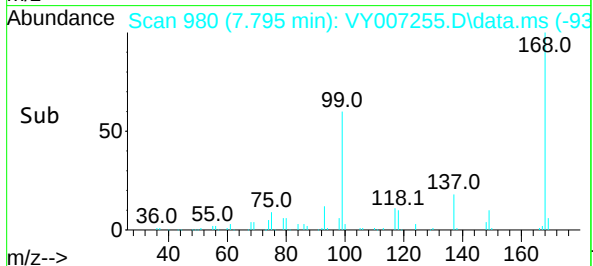
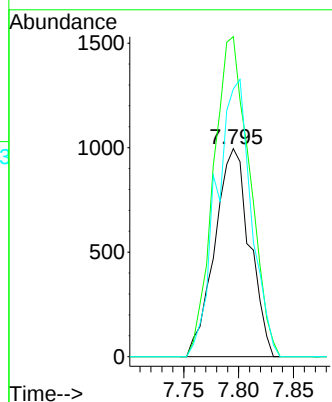


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY007255.D
Acq: 21 Jan 2022 16:05

Instrument :
MSVOA_Y
ClientSampleId :

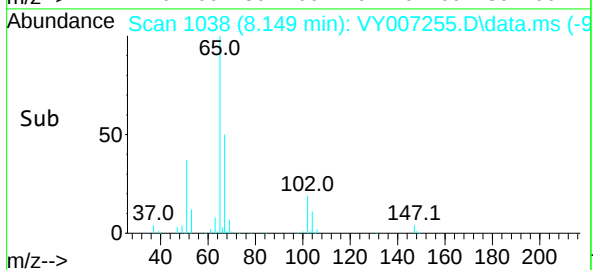
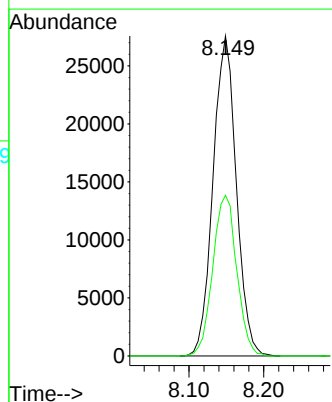
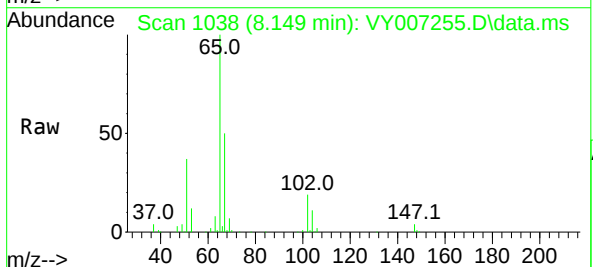


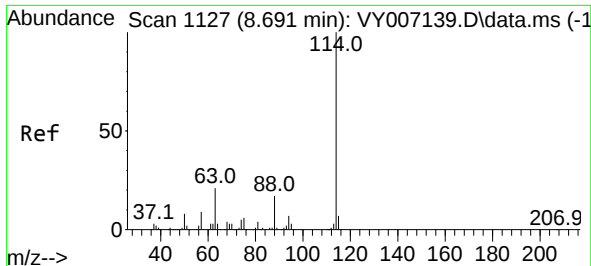
Tgt Ion: 56 Resp: 2207
Ion Ratio Lower Upper
56 100
69 153.9 27.2 40.8#
84 128.7 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 52.486 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY007255.D
Acq: 21 Jan 2022 16:05

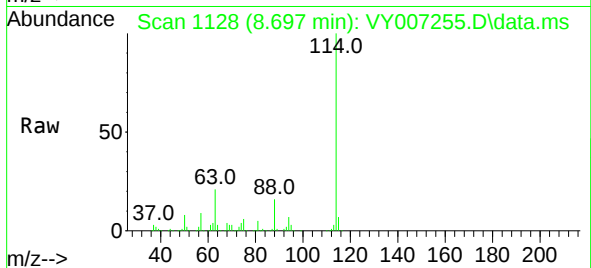
Tgt Ion: 65 Resp: 59572
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6



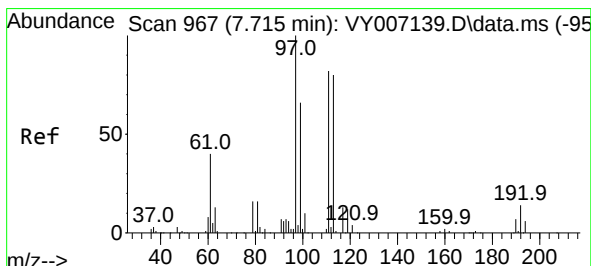
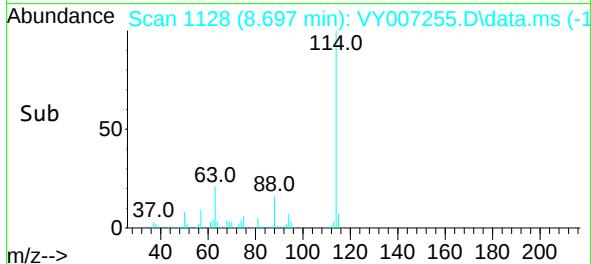
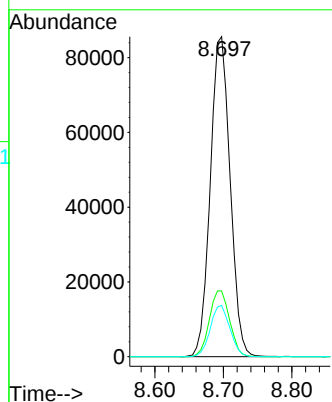


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.007 min
Lab File: VY007255.D
Acq: 21 Jan 2022 16:05

Instrument :
MSVOA_Y
ClientSampleId :

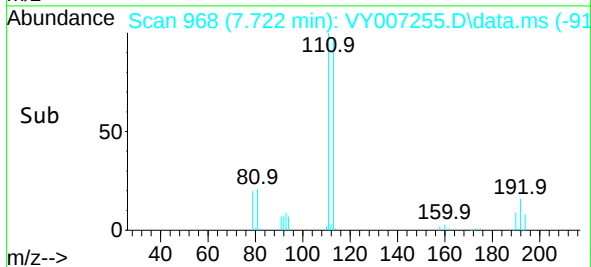
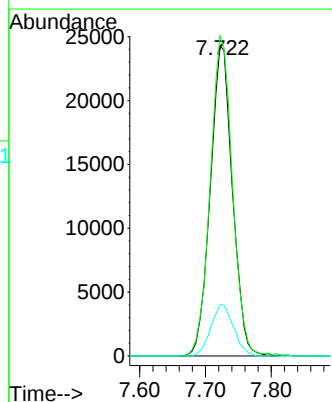
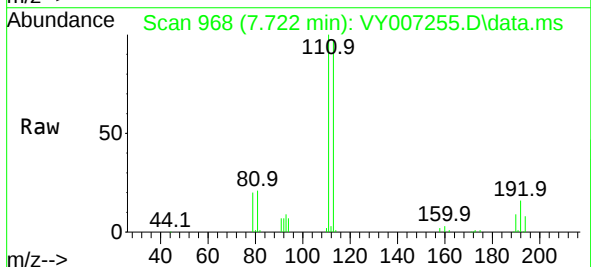


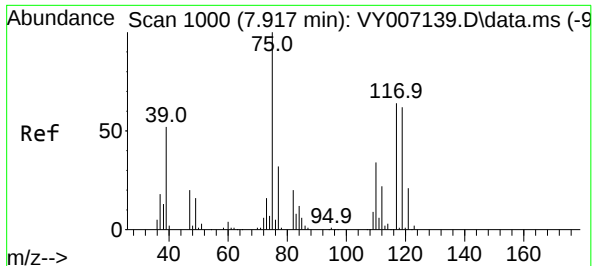
Tgt Ion:114 Resp: 172195
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 16.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.895 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007255.D
Acq: 21 Jan 2022 16:05

Tgt Ion:113 Resp: 56931
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 17.0 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.373 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.121 min

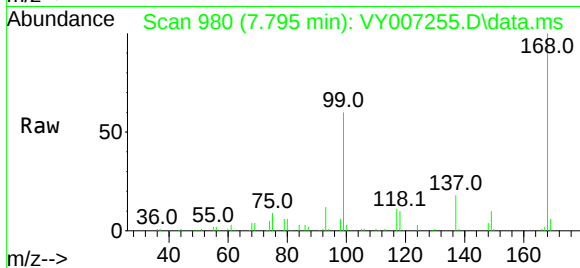
Lab File: VY007255.D

Acq: 21 Jan 2022 16:05

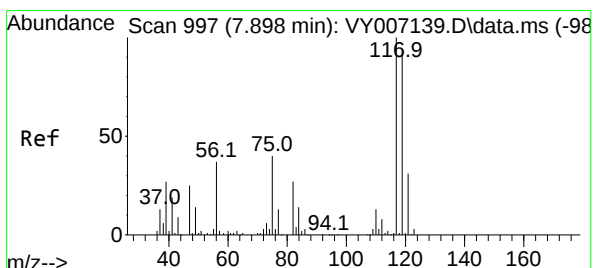
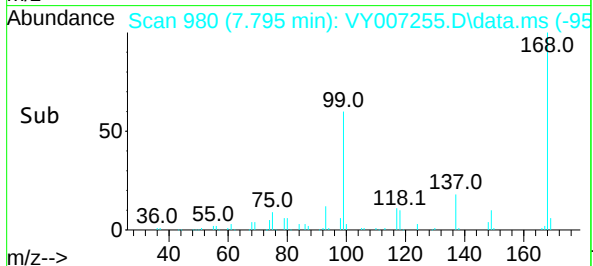
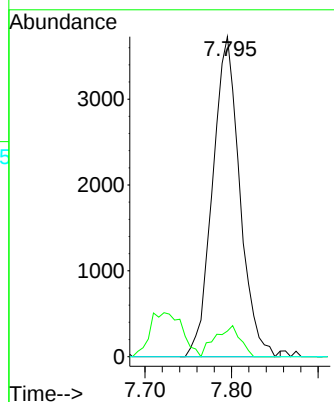
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 8132
Ion Ratio	Lower Upper
75	100
110	8.9 17.3 51.9#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.293 ug/l

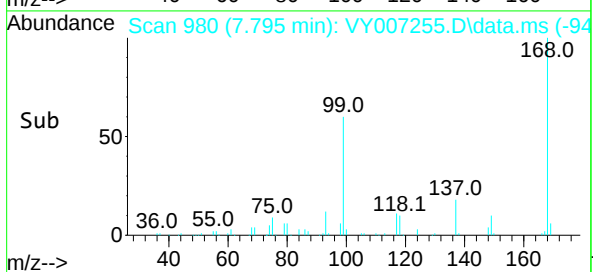
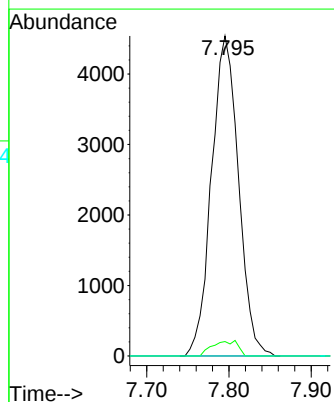
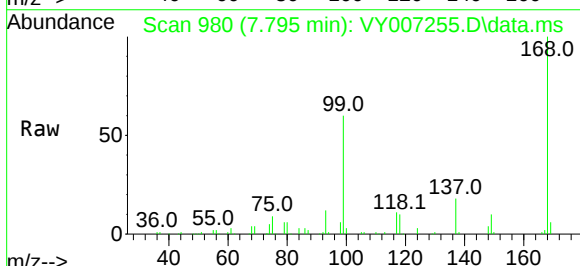
RT: 7.795 min Scan# 980

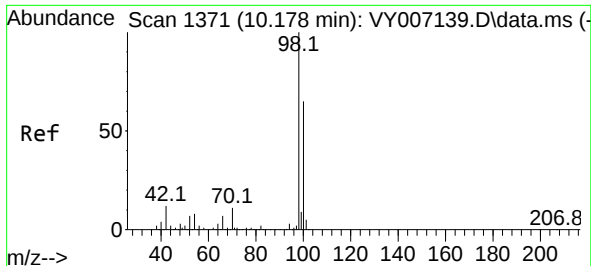
Delta R.T. -0.103 min

Lab File: VY007255.D

Acq: 21 Jan 2022 16:05

Tgt Ion: 117	Resp: 10354
Ion Ratio	Lower Upper
117	100
119	4.5 77.2 115.8#
121	0.0 24.2 36.2#

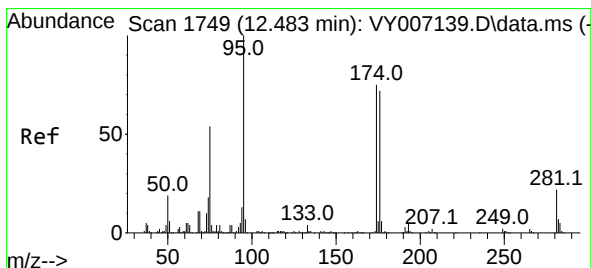
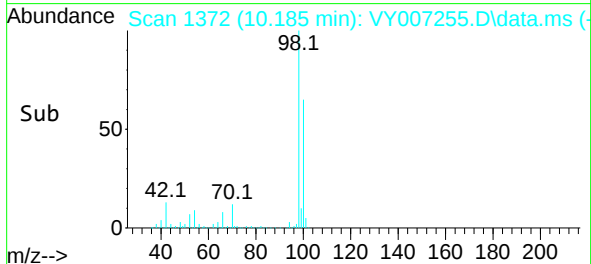
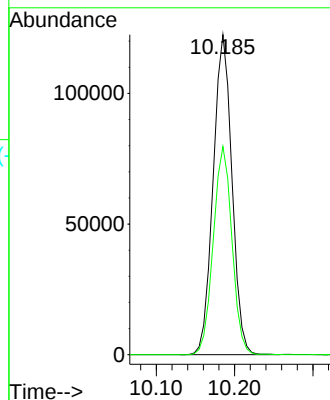
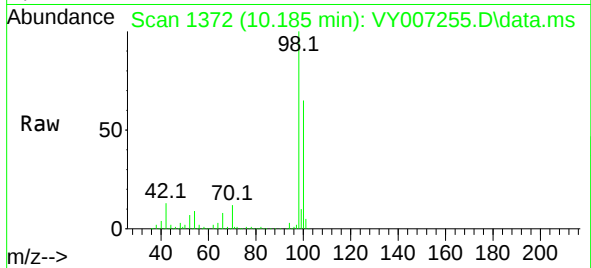




#50
Toluene-d8
Concen: 47.932 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007255.D
Acq: 21 Jan 2022 16:05

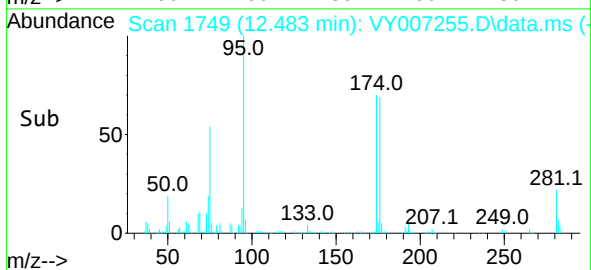
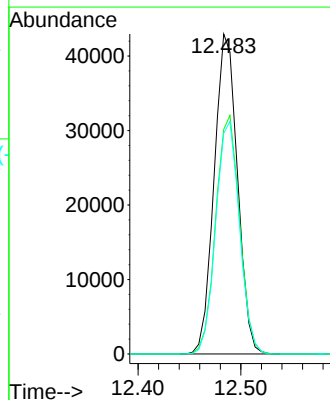
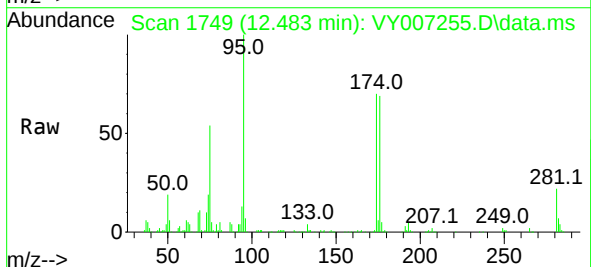
Instrument :
MSVOA_Y
ClientSampleId :

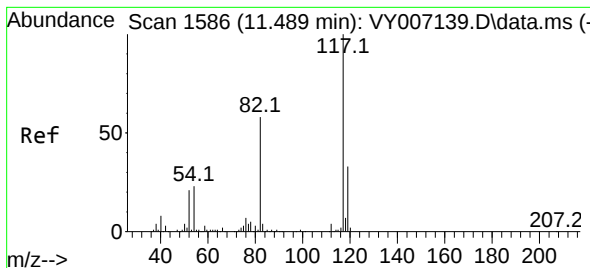
Tgt Ion: 98 Resp: 203926
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 44.678 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VY007255.D
Acq: 21 Jan 2022 16:05

Tgt Ion: 95 Resp: 67615
Ion Ratio Lower Upper
95 100
174 76.3 0.0 148.4
176 73.7 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

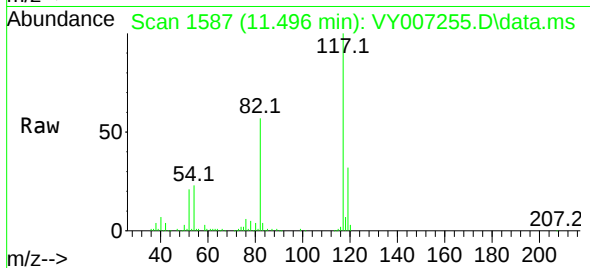
Lab File: VY007255.D

Acq: 21 Jan 2022 16:05

Instrument :

MSVOA_Y

ClientSampleId :



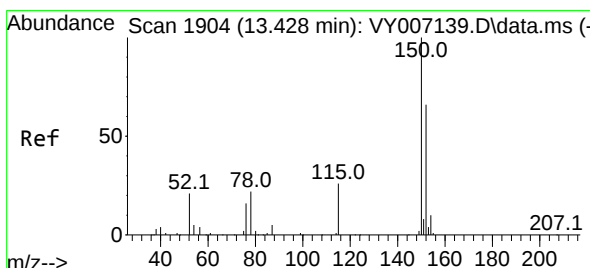
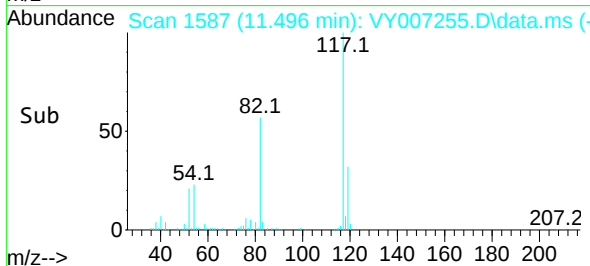
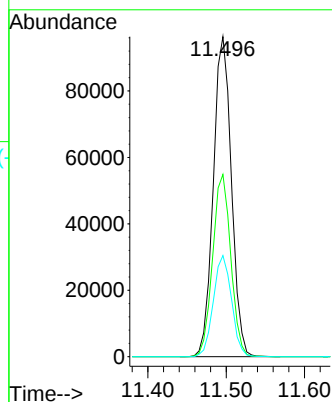
Tgt Ion:117 Resp: 154716

Ion Ratio Lower Upper

117 100

82 57.0 45.4 68.0

119 31.6 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.001 min

Lab File: VY007255.D

Acq: 21 Jan 2022 16:05

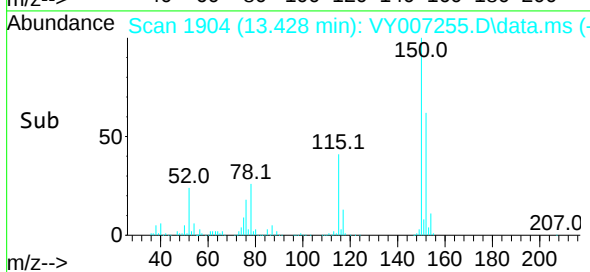
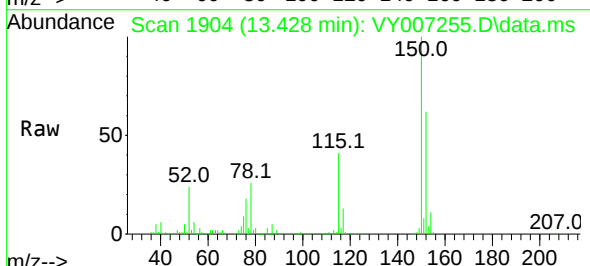
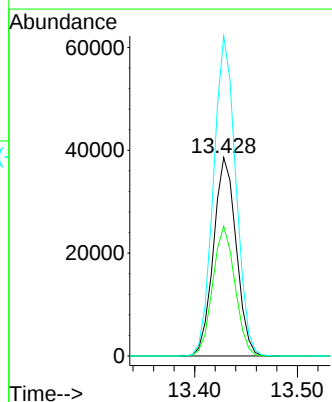
Tgt Ion:152 Resp: 59172

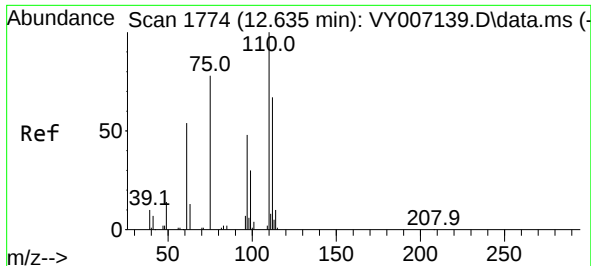
Ion Ratio Lower Upper

152 100

115 63.8 31.4 94.0

150 158.5 0.0 348.4

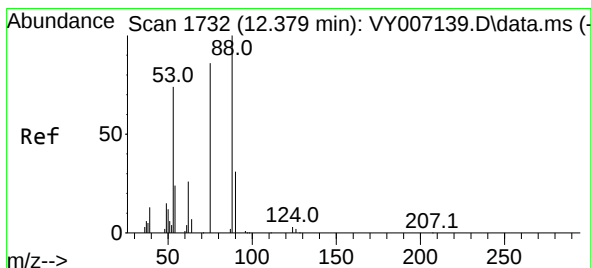
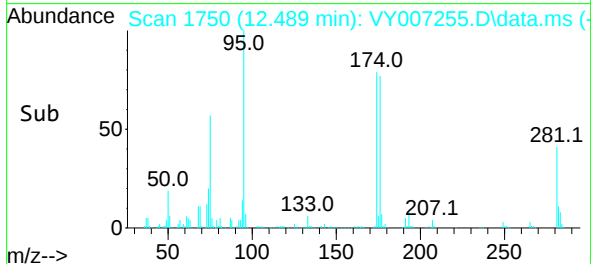
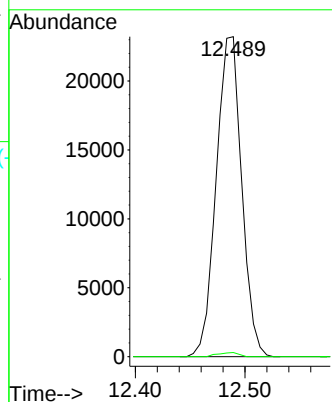
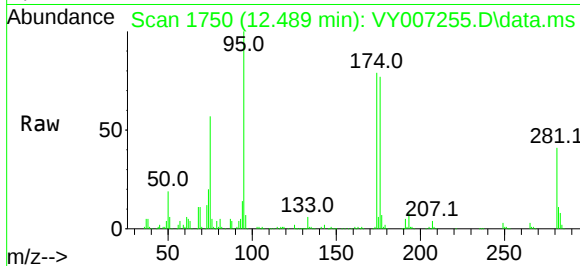




#76
1,2,3-Trichloropropane
Concen: 55.573 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY007255.D
Acq: 21 Jan 2022 16:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37496
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.739 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY007255.D
Acq: 21 Jan 2022 16:05

Tgt Ion: 75 Resp: 37496
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.7 0.0 0.0#

