

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007157.D
 Acq On : 14 Jan 2022 10:28
 Operator : SY/MD
 Sample : VY0114SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 14 13:45:40 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)

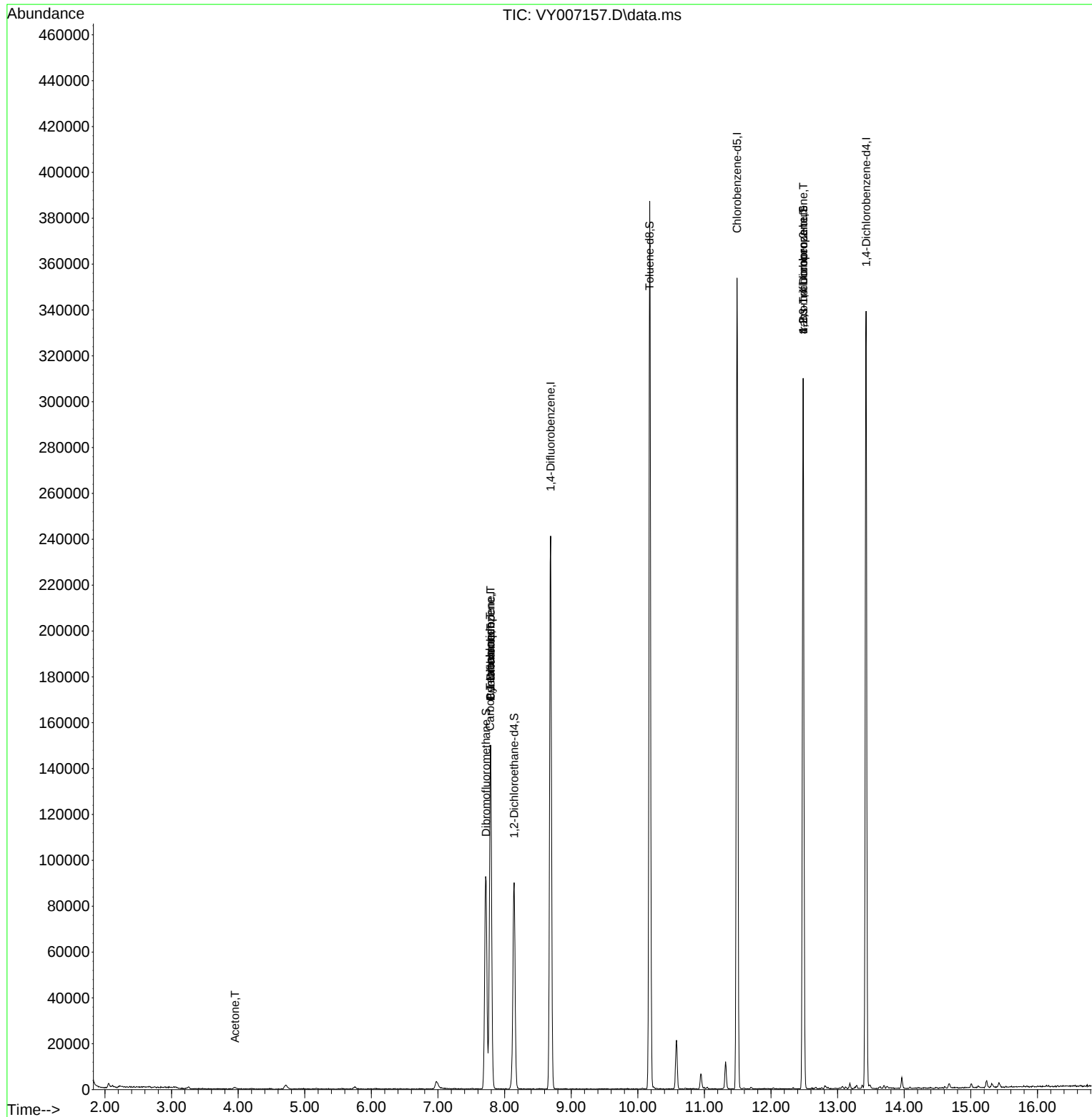
Internal Standards						
1) Pentafluorobenzene	7.789	168	108926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69854	52.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.520%	
35) Dibromofluoromethane	7.722	113	66717	48.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.920%	
50) Toluene-d8	10.179	98	247222	49.655	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.483	95	91573	51.706	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	123	Below Cal	#	73
13) Acrolein	3.735	56	19	Below Cal	#	1
16) Acetone	3.954	43	1503	4.333	ug/l	98
31) Cyclohexane	7.789	56	2453	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9376	4.308	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11785	5.148	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	49932	52.676	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49932	96.435	ug/l #	3

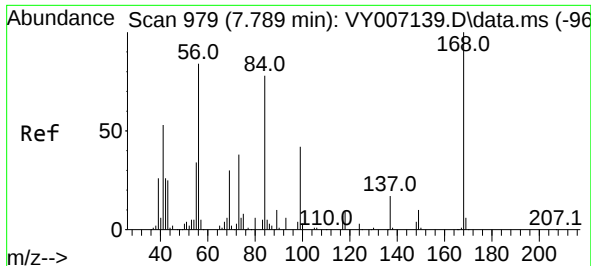
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

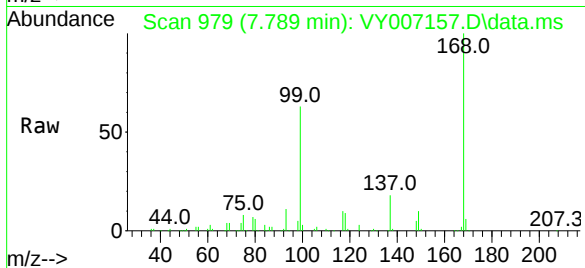
Quant Time: Jan 14 13:45:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration



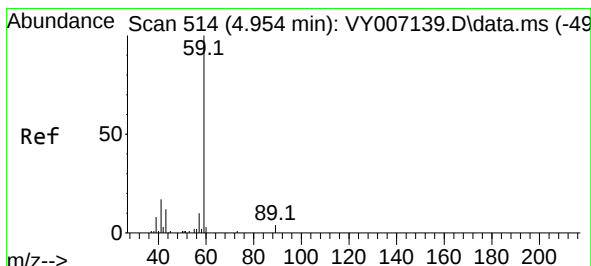
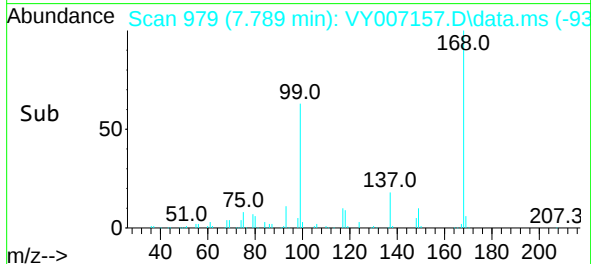
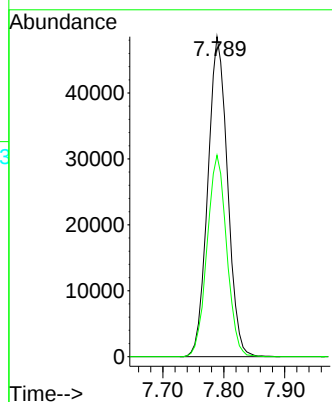


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007157.D
Acq: 14 Jan 2022 10:28

Instrument :
MSVOA_Y
ClientSampleId :

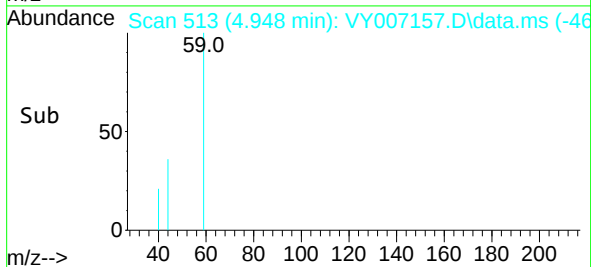
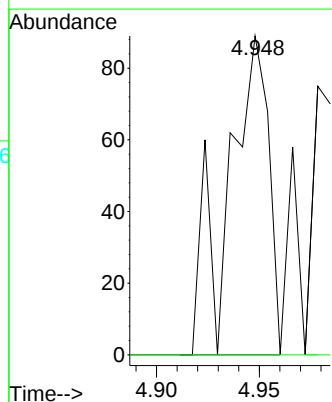
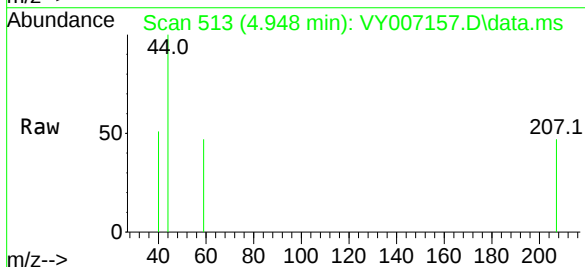


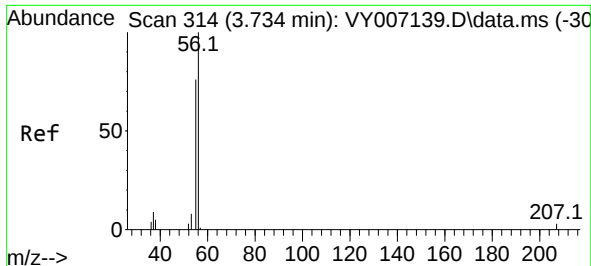
Tgt Ion:168 Resp: 108926
Ion Ratio Lower Upper
168 100
99 62.9 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007157.D
Acq: 14 Jan 2022 10:28

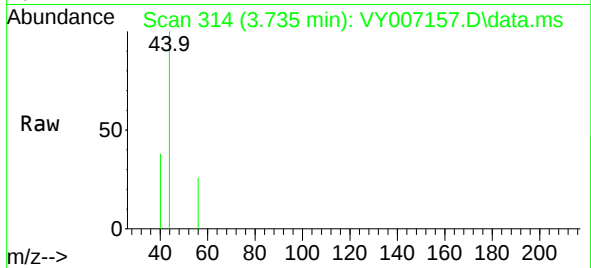
Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



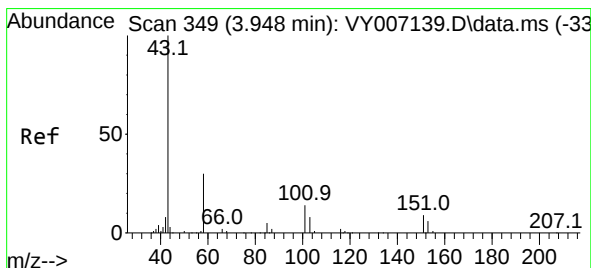
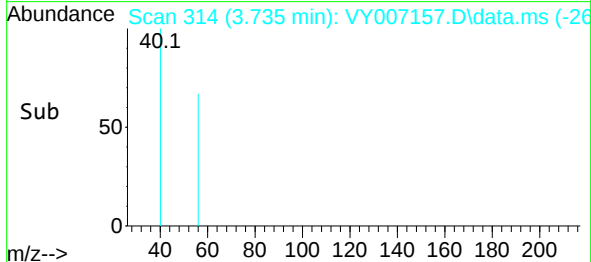
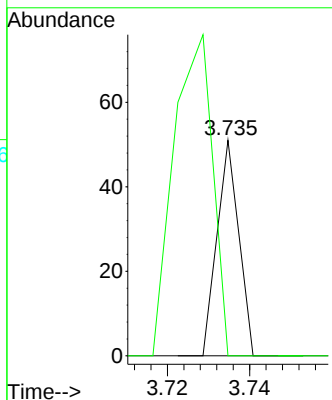


#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.001 min
Lab File: VY007157.D
Acq: 14 Jan 2022 10:28

Instrument :
MSVOA_Y
ClientSampleId :

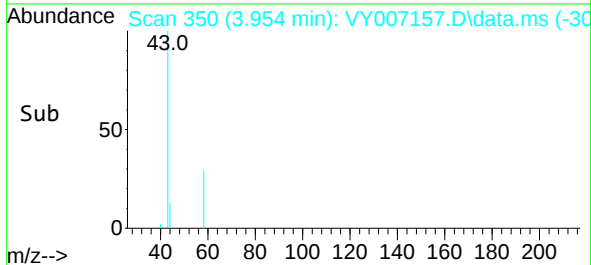
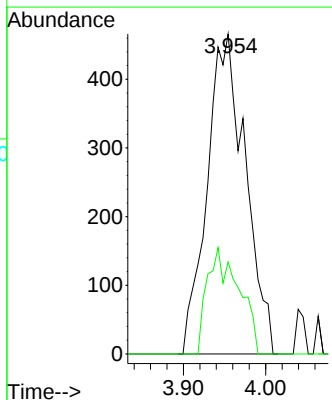
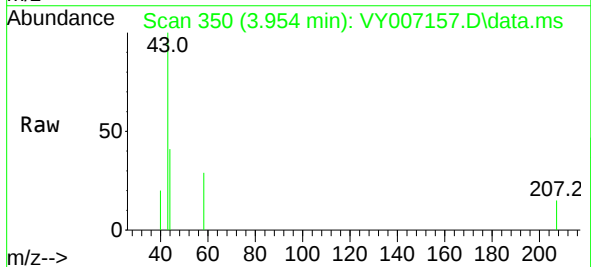


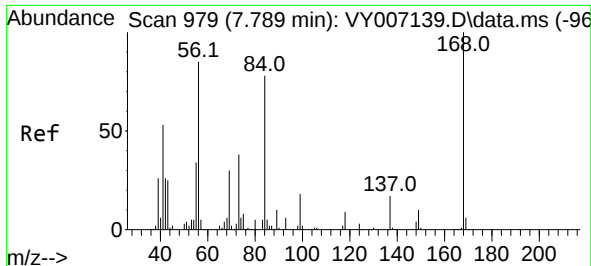
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 263.2 55.7 83.5#



#16
Acetone
Concen: 4.333 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007157.D
Acq: 14 Jan 2022 10:28

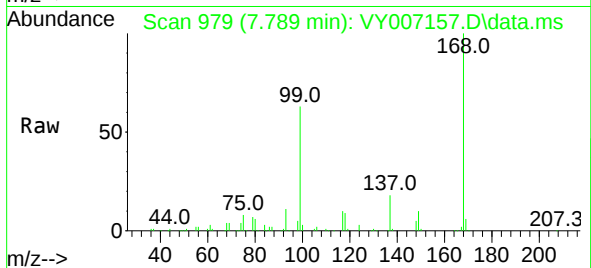
Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
58 28.8 23.8 35.6



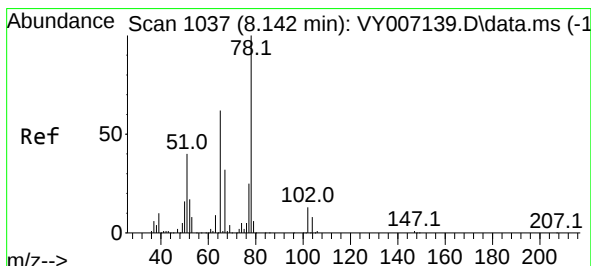
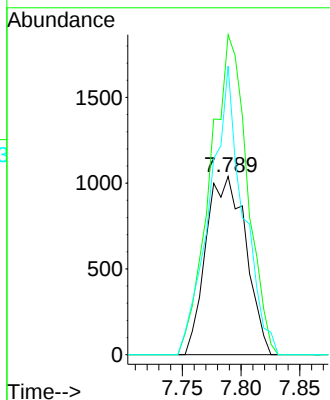
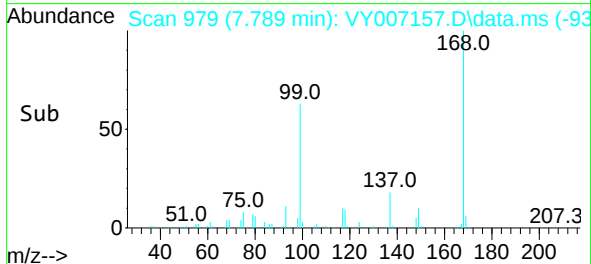


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007157.D
Acq: 14 Jan 2022 10:28

Instrument :
MSVOA_Y
ClientSampleId :

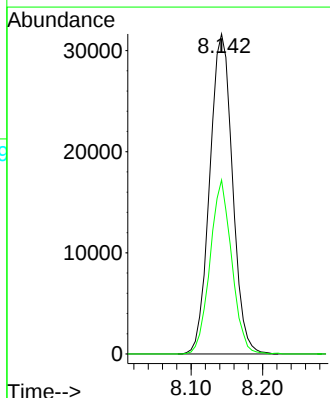
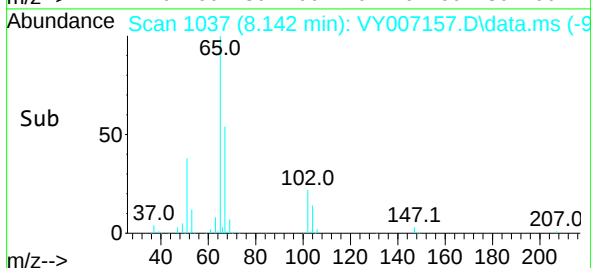
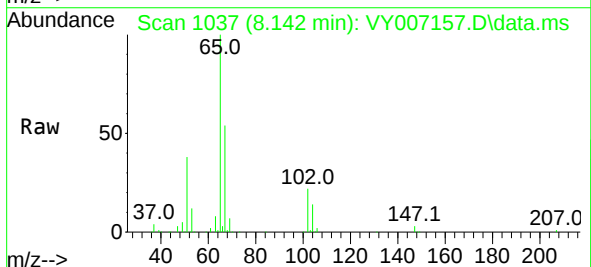


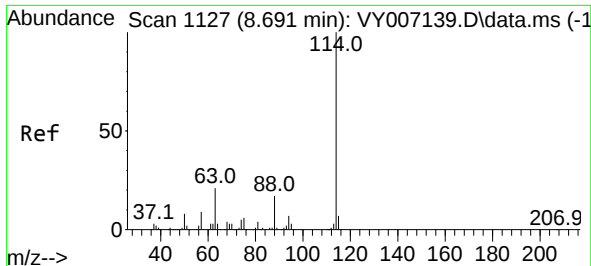
Tgt Ion: 56 Resp: 2453
Ion Ratio Lower Upper
56 100
69 179.6 27.2 40.8#
84 172.6 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 52.265 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007157.D
Acq: 14 Jan 2022 10:28

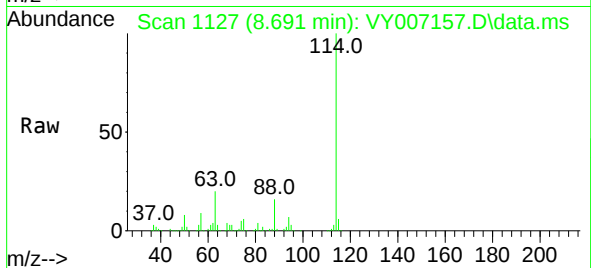
Tgt Ion: 65 Resp: 69854
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6



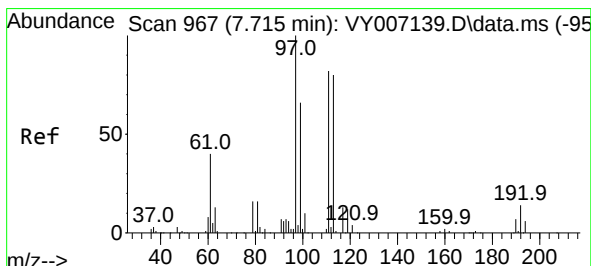
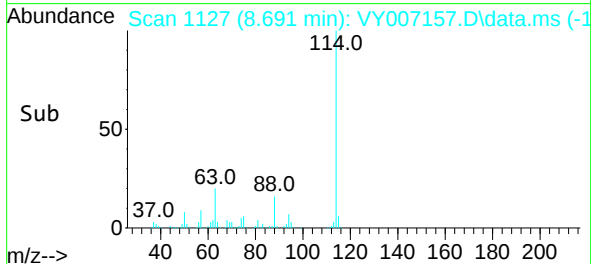
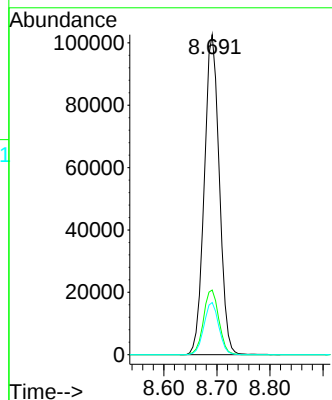


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007157.D
Acq: 14 Jan 2022 10:28

Instrument :
MSVOA_Y
ClientSampleId :

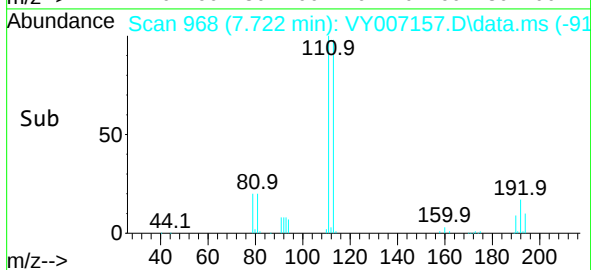
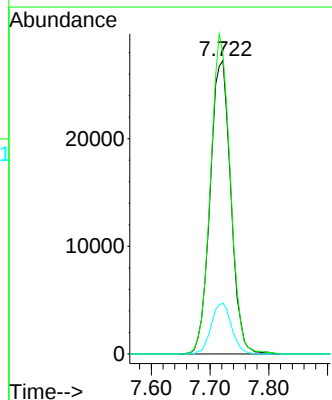
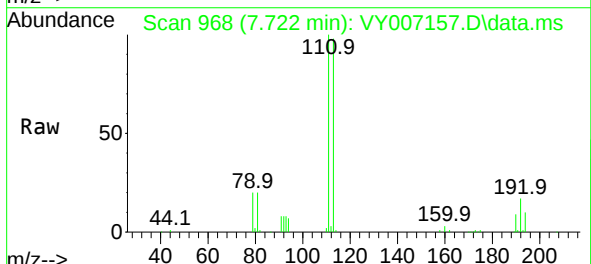


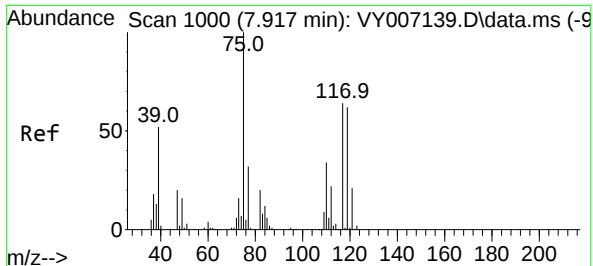
Tgt Ion:114 Resp: 201511
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 16.3 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.963 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007157.D
Acq: 14 Jan 2022 10:28

Tgt Ion:113 Resp: 66717
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 17.0 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.308 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

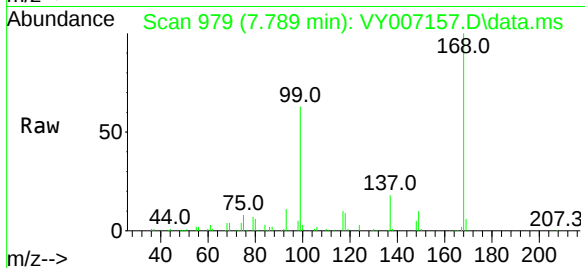
Lab File: VY007157.D

Acq: 14 Jan 2022 10:28

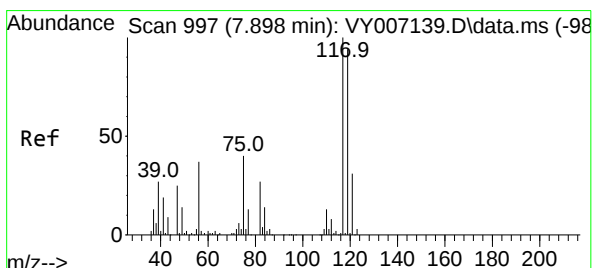
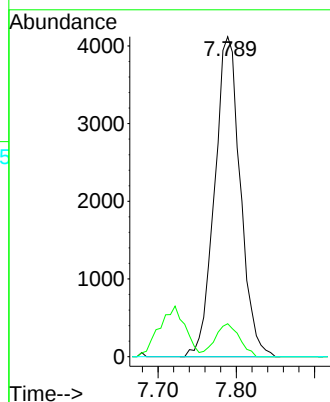
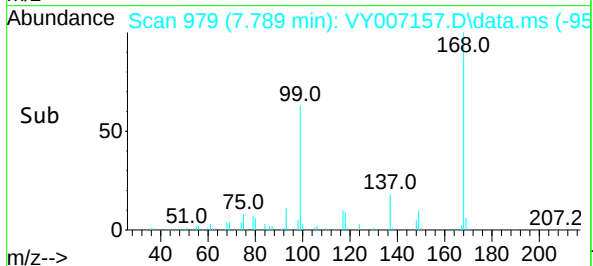
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	9376
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.3	51.9#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 5.148 ug/l

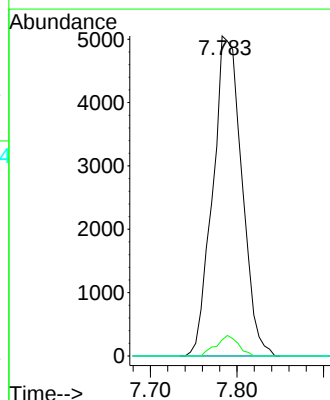
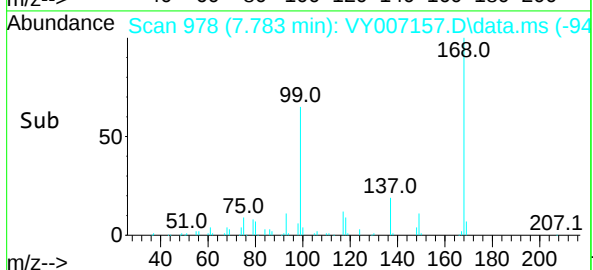
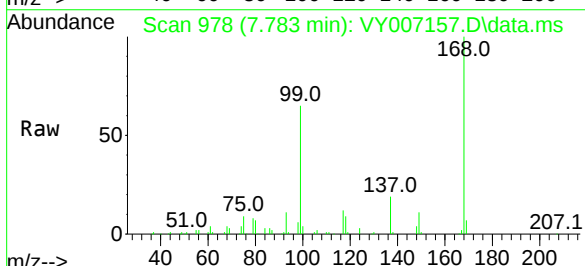
RT: 7.783 min Scan# 978

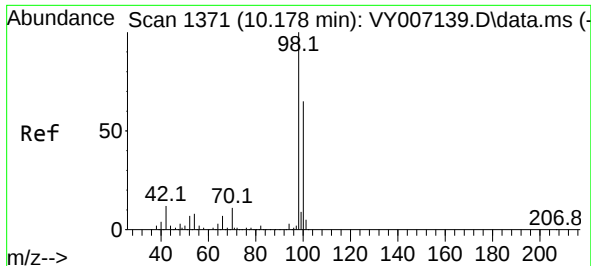
Delta R.T. -0.115 min

Lab File: VY007157.D

Acq: 14 Jan 2022 10:28

Tgt Ion:	117	Resp:	11785
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.2	115.8#
121	0.0	24.2	36.2#

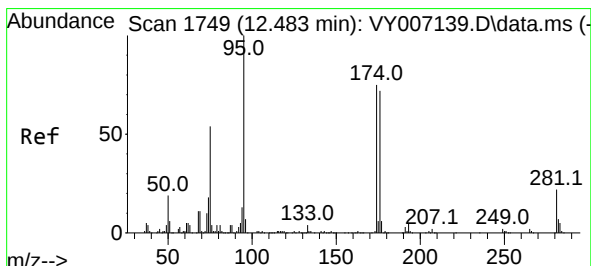
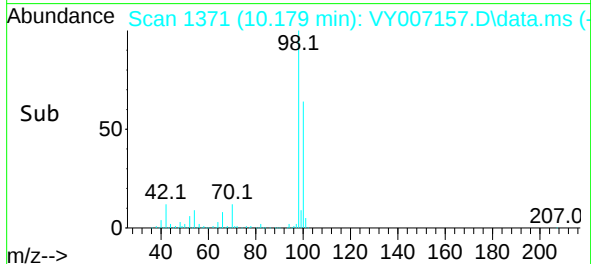
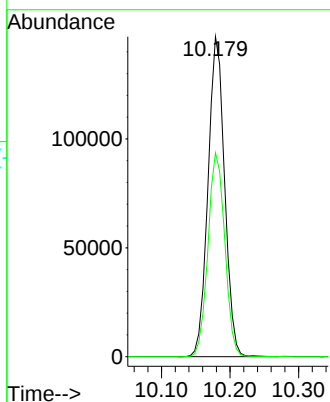
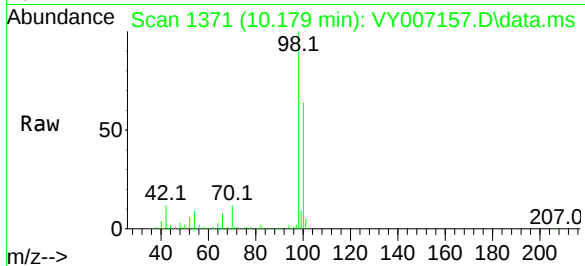




#50
Toluene-d8
Concen: 49.655 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007157.D
Acq: 14 Jan 2022 10:28

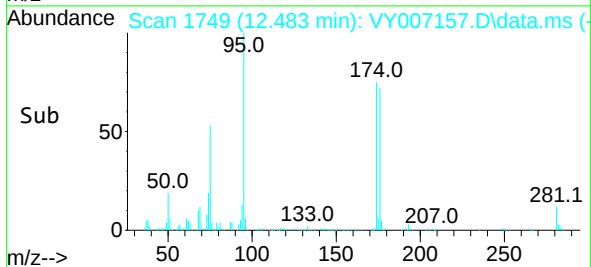
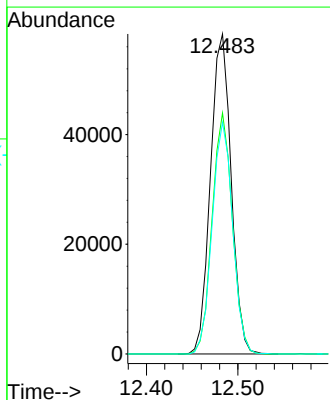
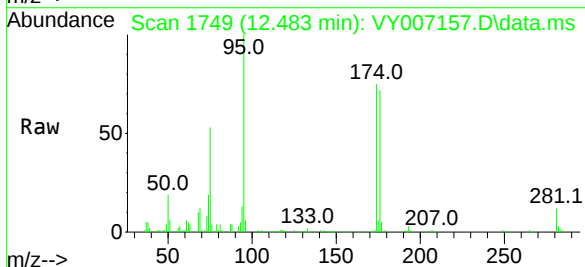
Instrument :
MSVOA_Y
ClientSampleId :

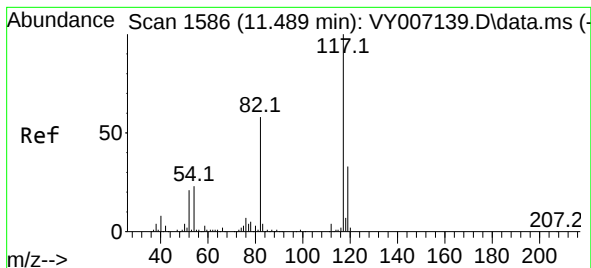
Tgt Ion: 98 Resp: 247222
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.706 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007157.D
Acq: 14 Jan 2022 10:28

Tgt Ion: 95 Resp: 91573
Ion Ratio Lower Upper
95 100
174 73.8 0.0 148.4
176 71.9 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

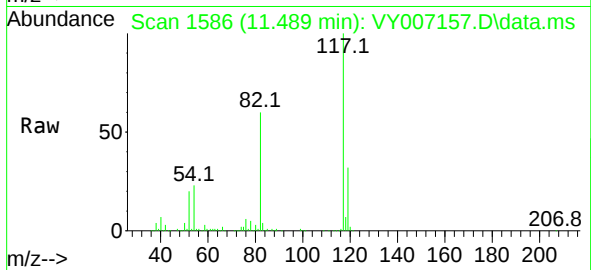
Lab File: VY007157.D

Acq: 14 Jan 2022 10:28

Instrument :

MSVOA_Y

ClientSampleId :



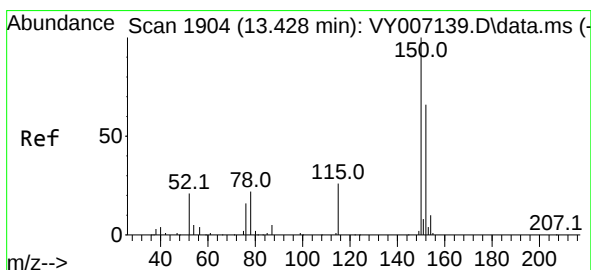
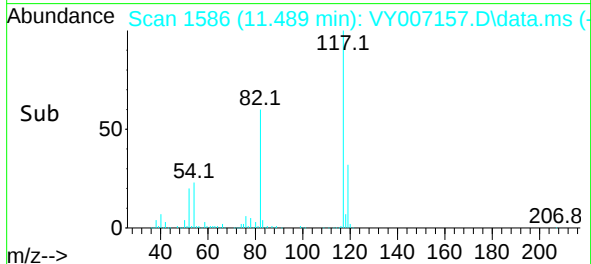
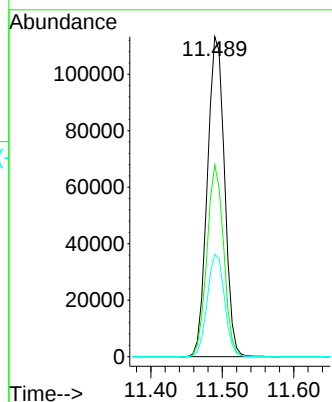
Tgt Ion:117 Resp: 188911

Ion Ratio Lower Upper

117 100

82 59.9 45.4 68.0

119 32.0 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: VY007157.D

Acq: 14 Jan 2022 10:28

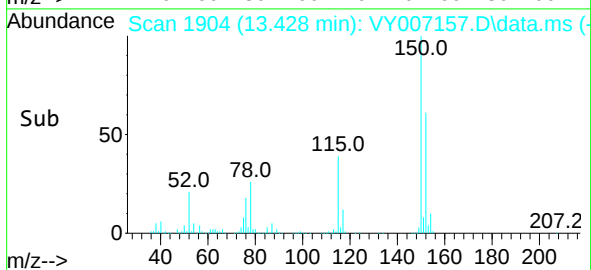
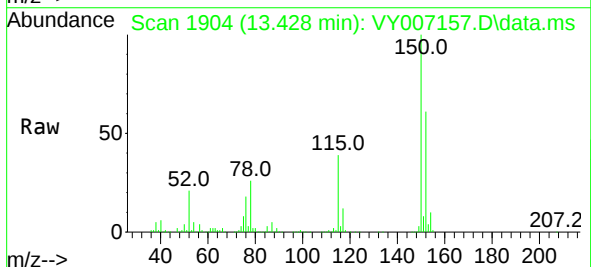
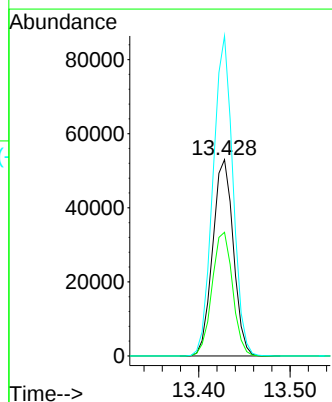
Tgt Ion:152 Resp: 83131

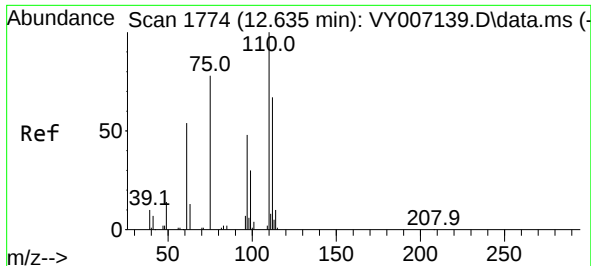
Ion Ratio Lower Upper

152 100

115 62.7 31.4 94.0

150 157.1 0.0 348.4

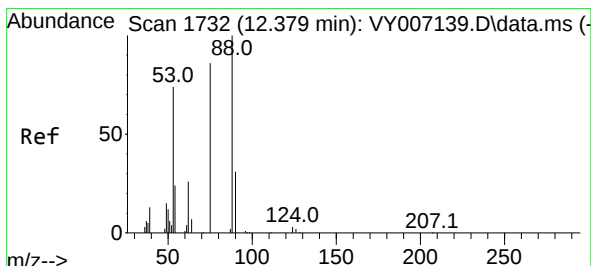
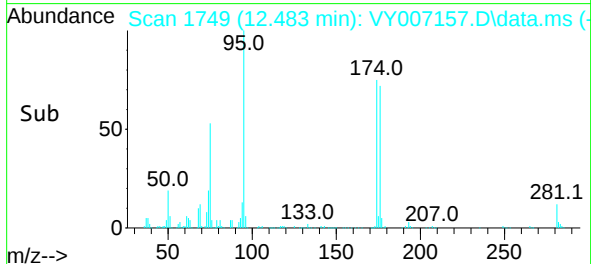
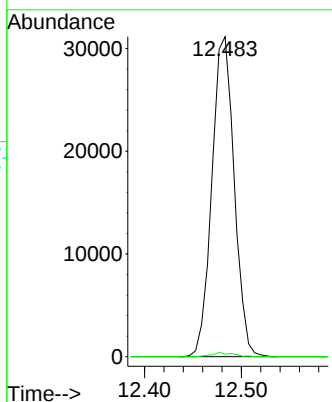
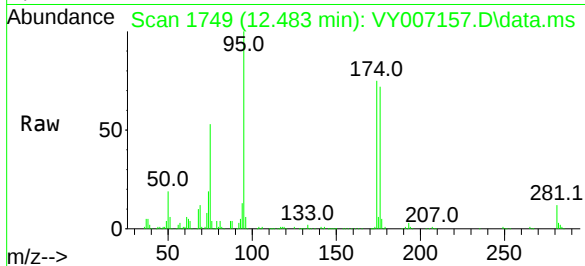




#76
1,2,3-Trichloropropane
Concen: 52.676 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007157.D
Acq: 14 Jan 2022 10:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49932
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.435 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007157.D
Acq: 14 Jan 2022 10:28

Tgt Ion: 75 Resp: 49932
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 0.0 0.0#

