

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016491.D
 Acq On : 24 Nov 2023 17:49
 Operator : SY/MD
 Sample : 05434-08
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:48:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

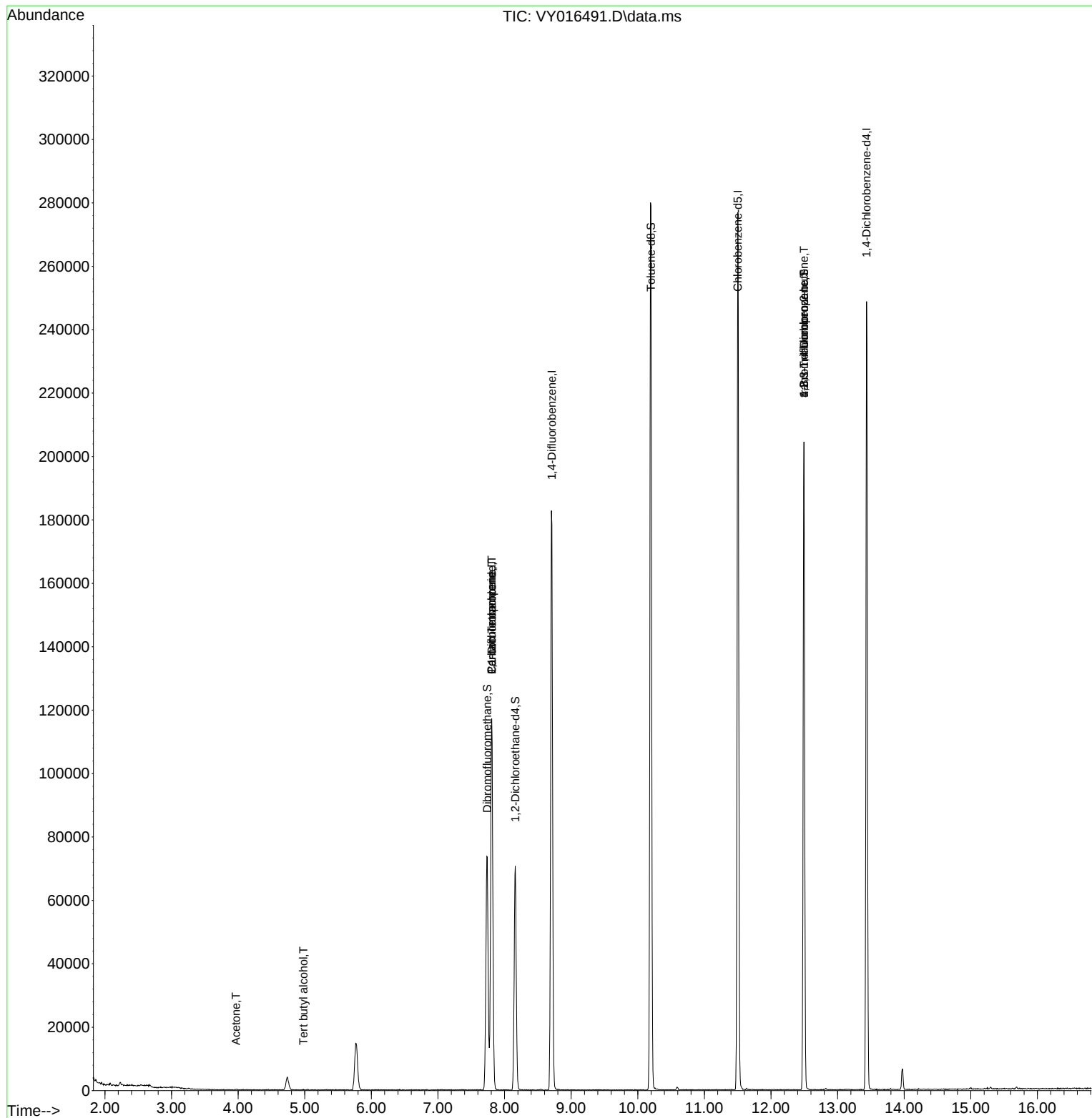
Internal Standards						
1) Pentafluorobenzene	7.807	168	95907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	168193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	160847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56078	63.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.960%	
35) Dibromofluoromethane	7.740	113	53254	55.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.480%	
50) Toluene-d8	10.197	98	195953	50.575	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.496	95	64289	51.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	102	1.486	ug/l #	89
16) Acetone	3.967	43	279	1.924	ug/l #	46
20) Methylene Chloride	4.741	84	3454	Below Cal	#	80
36) 1,1-Dichloropropene	7.807	75	6781	4.087	ug/l #	50
38) Carbon Tetrachloride	7.807	117	9409	5.464	ug/l #	16
76) 1,2,3-Trichloropropane	12.496	75	32361	49.093	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	32361	106.561	ug/l #	10

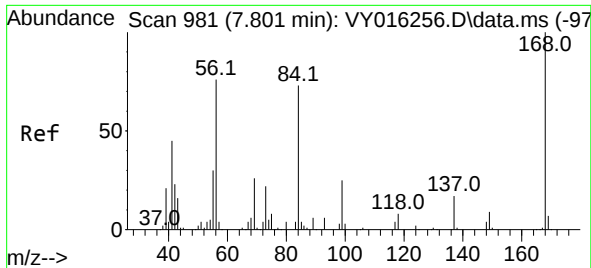
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
Data File : VY016491.D
Acq On : 24 Nov 2023 17:49
Operator : SY/MD
Sample : 05434-08
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

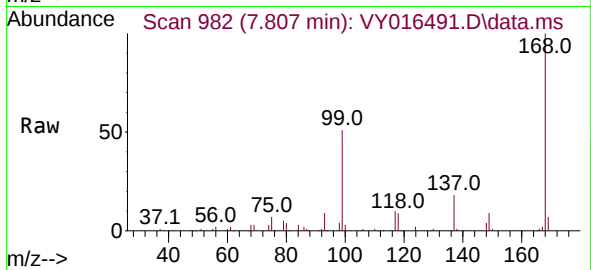
Quant Time: Nov 27 04:48:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



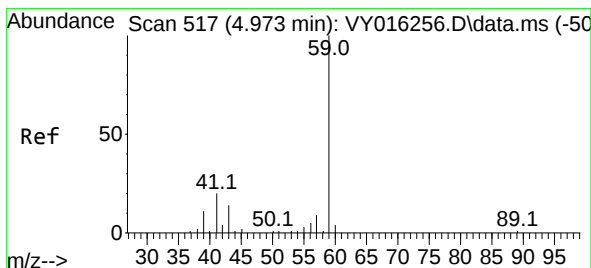
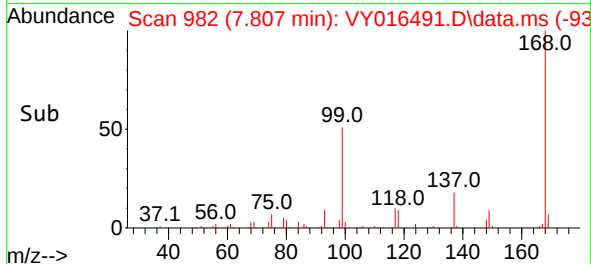
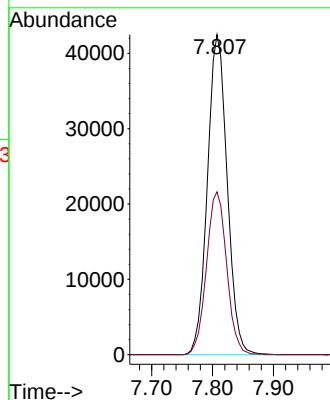


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016491.D
Acq: 24 Nov 2023 17:49

Instrument :
MSVOA_Y
ClientSampleId :

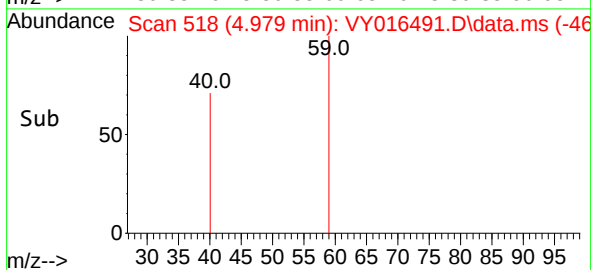
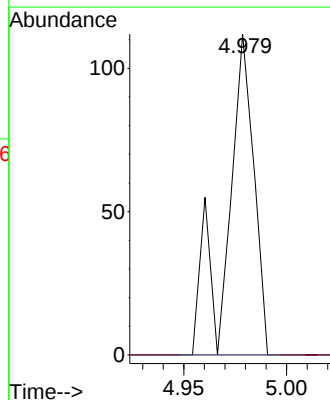
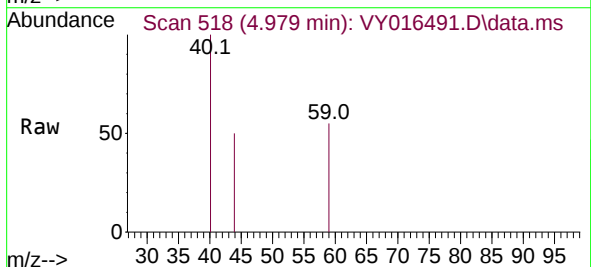


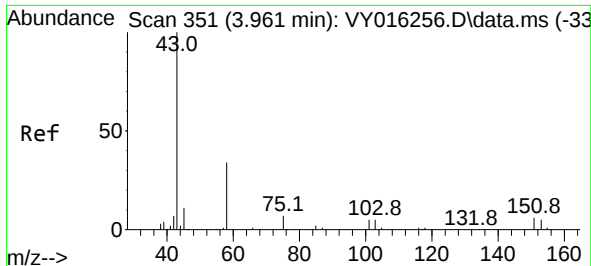
Tgt Ion:168 Resp: 95907
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.486 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY016491.D
Acq: 24 Nov 2023 17:49

Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

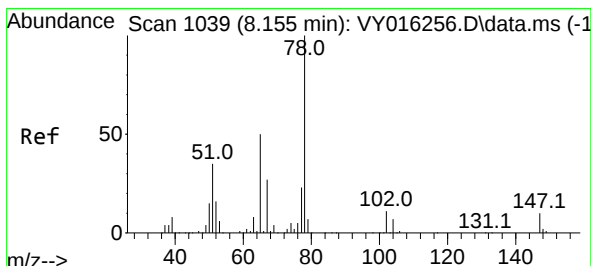
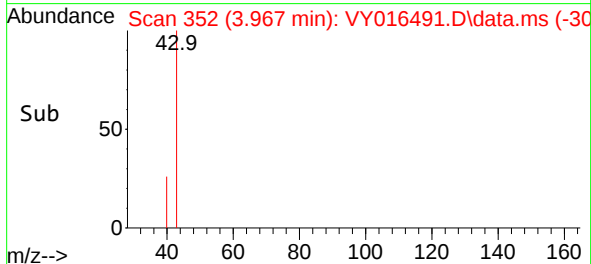
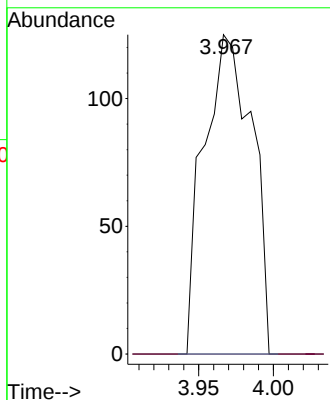
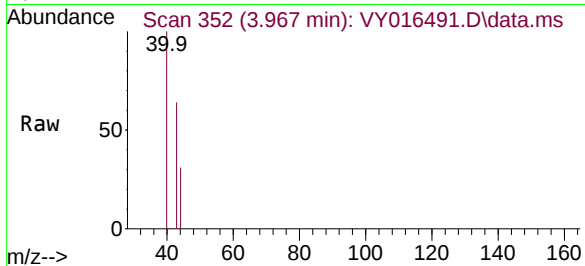




#16
Acetone
Concen: 1.924 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016491.D
Acq: 24 Nov 2023 17:49

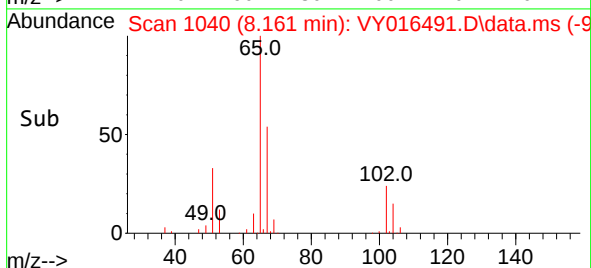
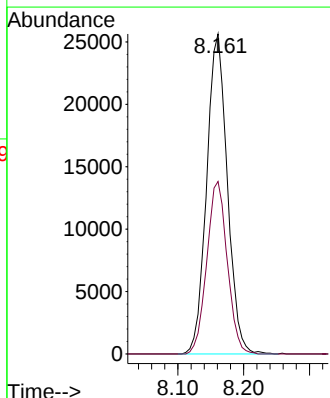
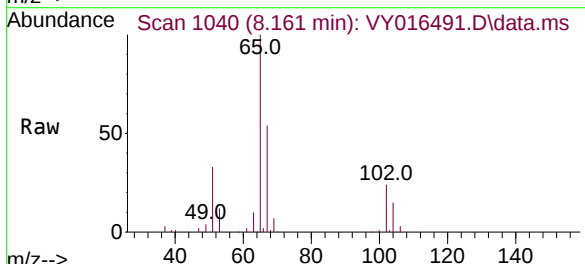
Instrument :
MSVOA_Y
ClientSampleId :

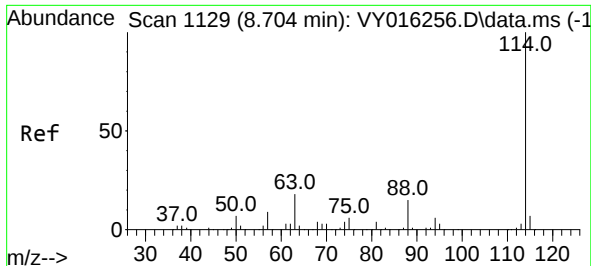
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#33
1,2-Dichloroethane-d4
Concen: 63.976 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016491.D
Acq: 24 Nov 2023 17:49

Tgt Ion: 65 Resp: 56078
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016491.D

Acq: 24 Nov 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

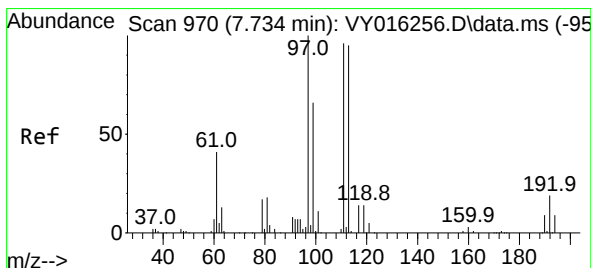
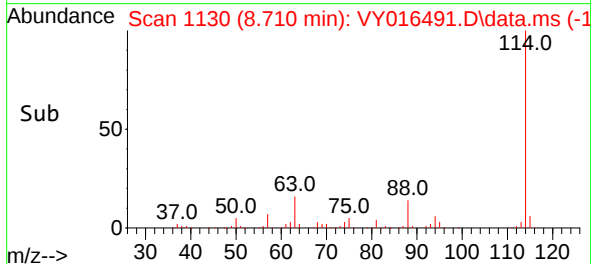
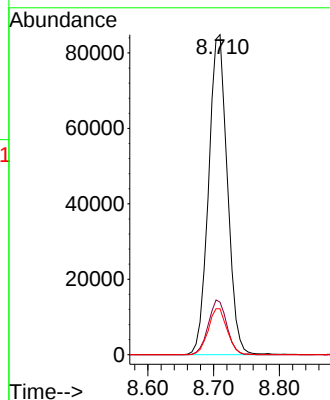
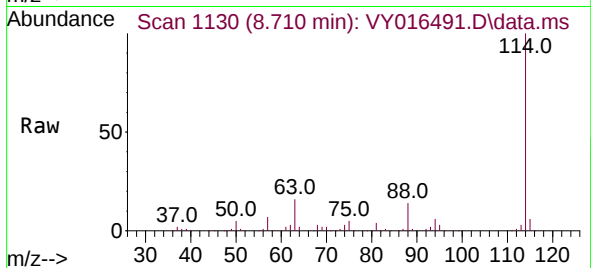
Tgt Ion:114 Resp: 168193

Ion Ratio Lower Upper

114 100

63 16.4 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.738 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY016491.D

Acq: 24 Nov 2023 17:49

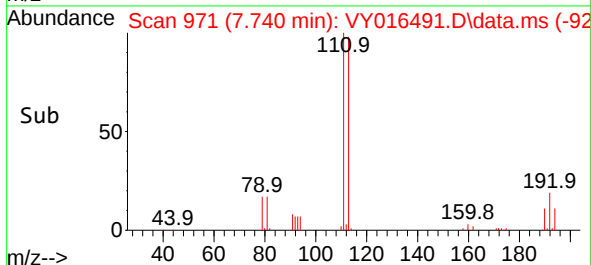
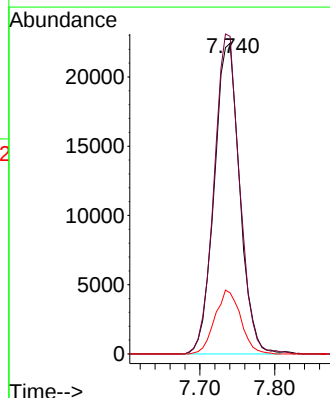
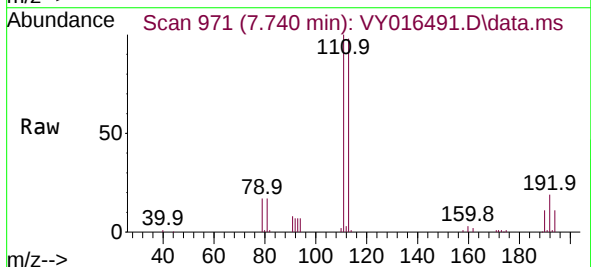
Tgt Ion:113 Resp: 53254

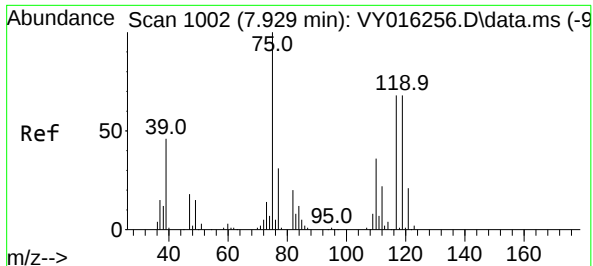
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 20.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.087 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.122 min

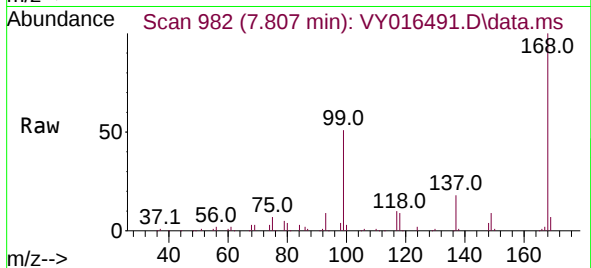
Lab File: VY016491.D

Acq: 24 Nov 2023 17:49

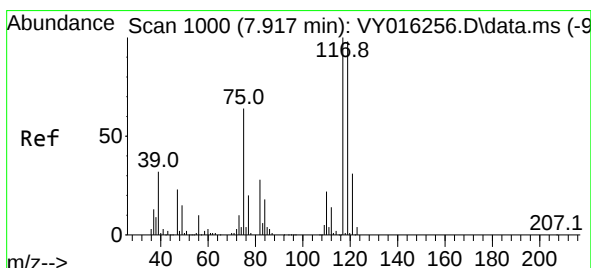
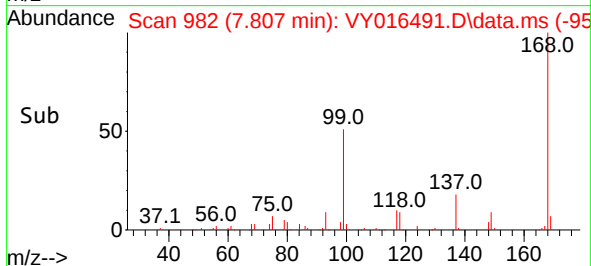
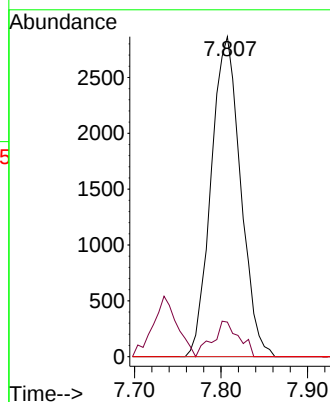
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 6781
Ion Ratio	Lower Upper
75	100
110	9.8 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.464 ug/l

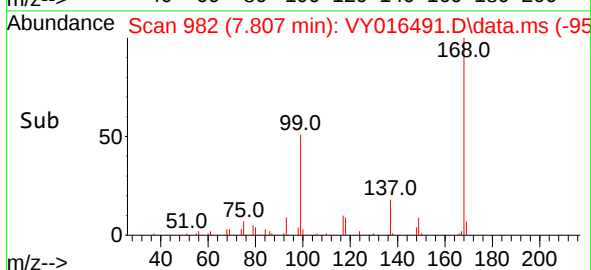
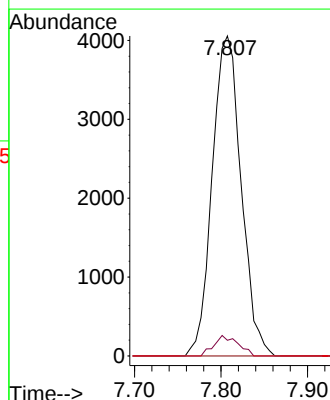
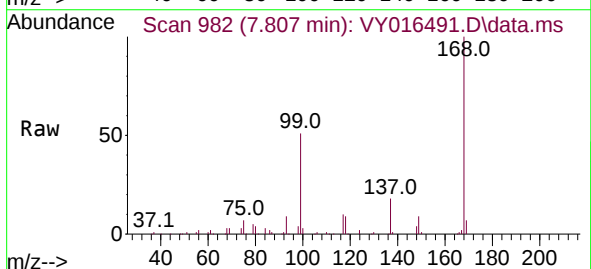
RT: 7.807 min Scan# 982

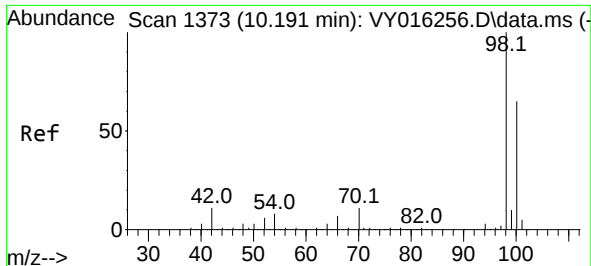
Delta R.T. -0.110 min

Lab File: VY016491.D

Acq: 24 Nov 2023 17:49

Tgt Ion: 117	Resp: 9409
Ion Ratio	Lower Upper
117	100
119	4.9 76.4 114.6#
121	0.0 25.8 38.6#

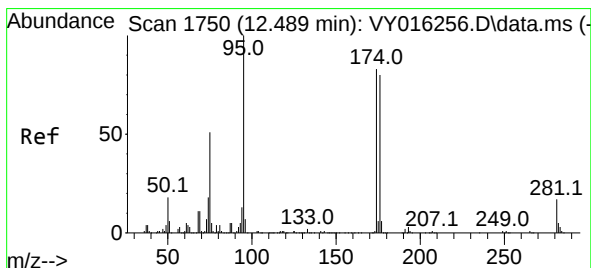
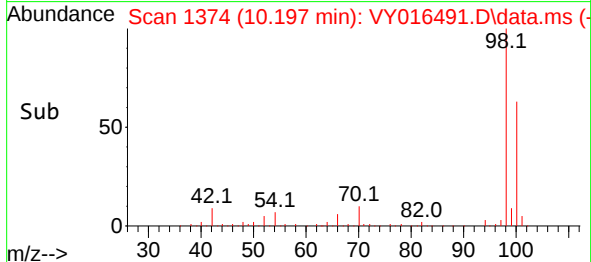
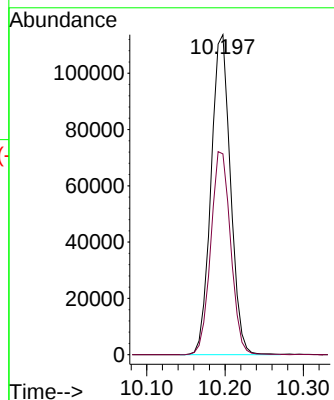
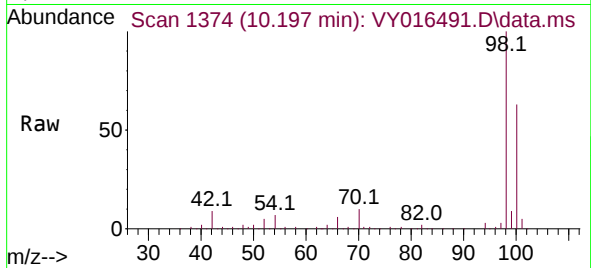




#50
Toluene-d8
Concen: 50.575 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016491.D
Acq: 24 Nov 2023 17:49

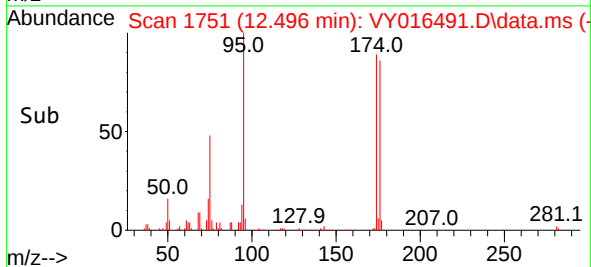
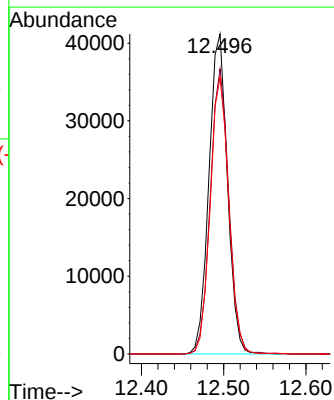
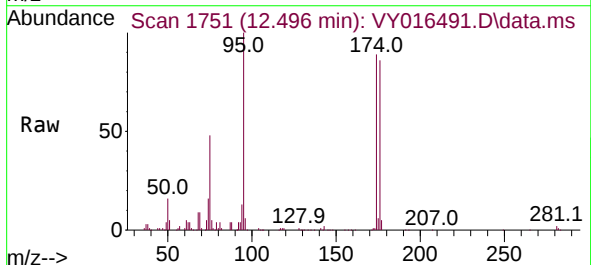
Instrument :
MSVOA_Y
ClientSampleId :

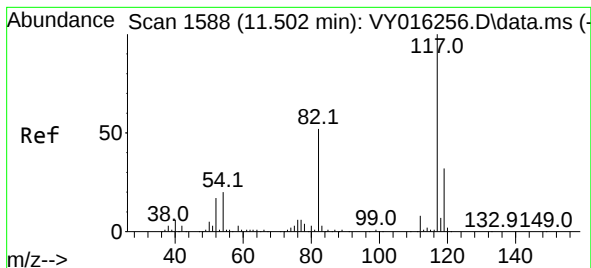
Tgt Ion: 98 Resp: 195953
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.088 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016491.D
Acq: 24 Nov 2023 17:49

Tgt Ion: 95 Resp: 64289
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.2
176 86.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016491.D

Acq: 24 Nov 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

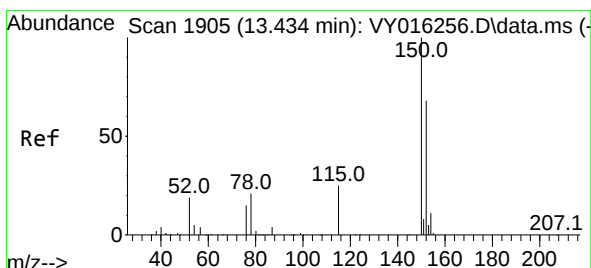
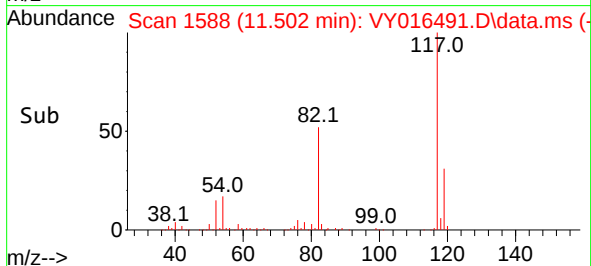
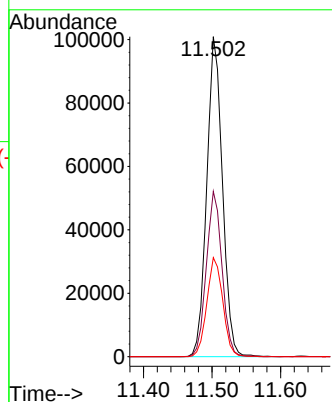
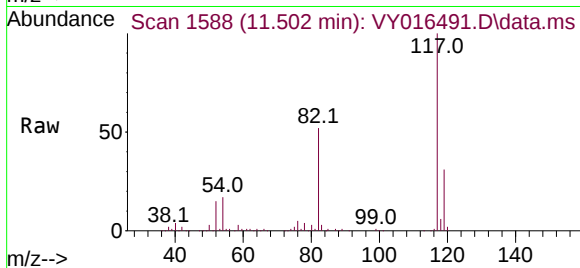
Tgt Ion:117 Resp: 160847

Ion Ratio Lower Upper

117 100

82 51.6 43.4 65.0

119 30.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016491.D

Acq: 24 Nov 2023 17:49

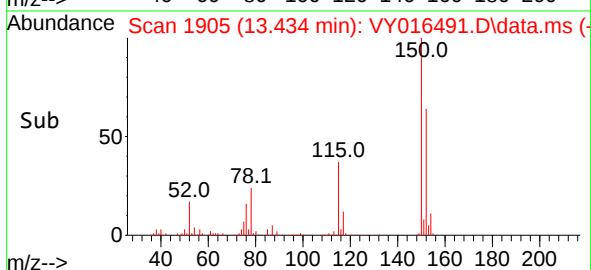
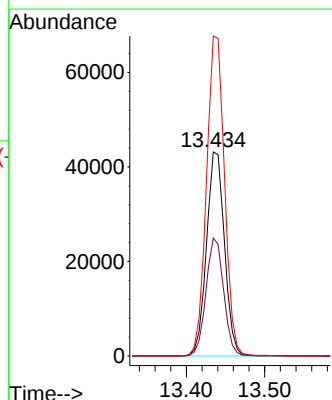
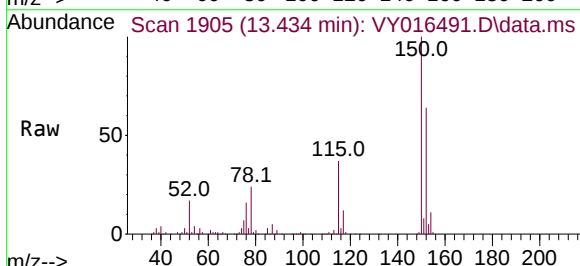
Tgt Ion:152 Resp: 68715

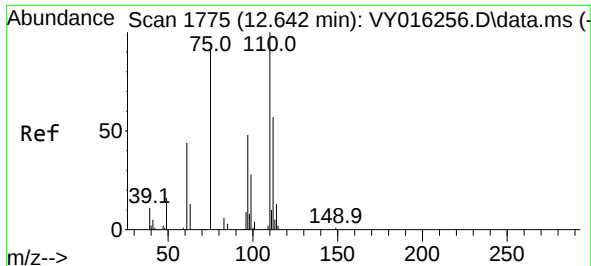
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 157.5 0.0 348.8

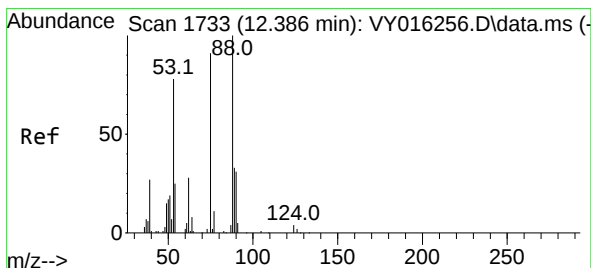
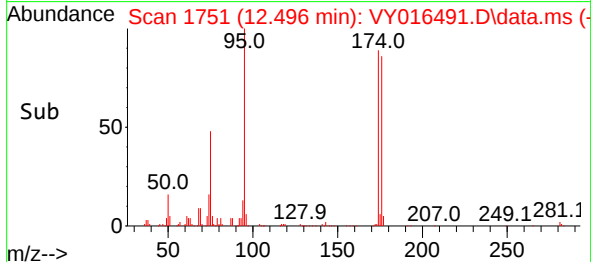
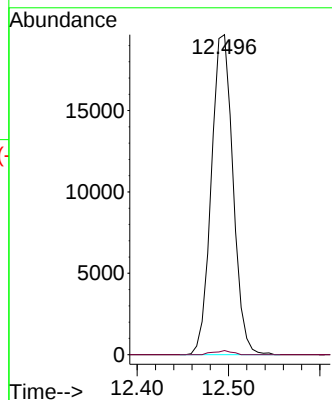
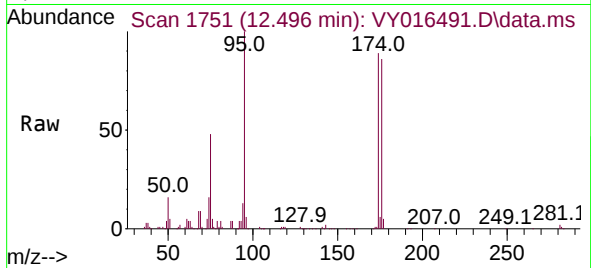




#76
1,2,3-Trichloropropane
Concen: 49.093 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016491.D
Acq: 24 Nov 2023 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32361
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.561 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016491.D
Acq: 24 Nov 2023 17:49

Tgt Ion: 75 Resp: 32361
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

