

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015629.D
 Acq On : 18 Sep 2023 20:54
 Operator : SY/MD
 Sample : 04453-07
 Misc : 4.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 02:08:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

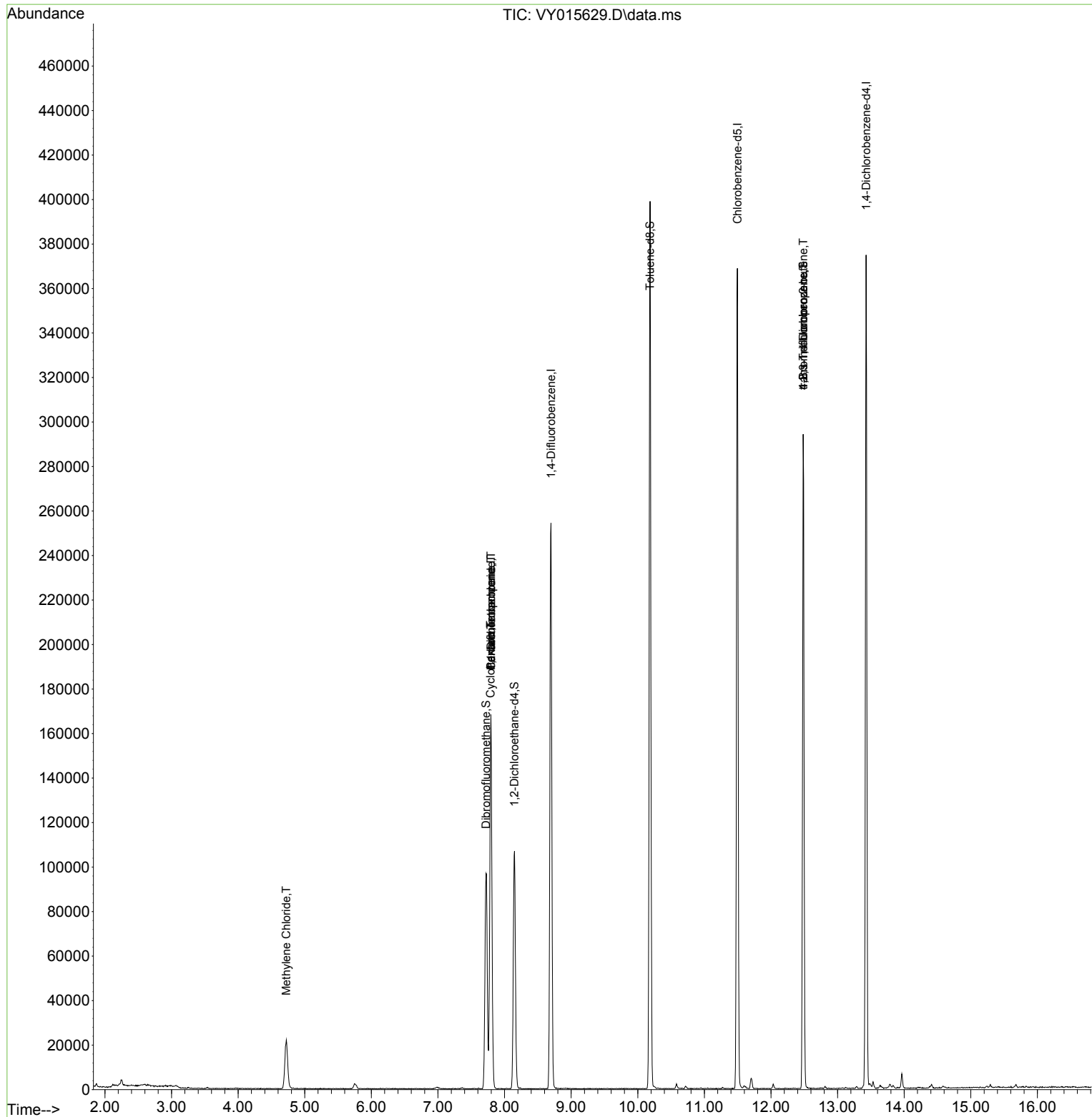
Internal Standards						
1) Pentafluorobenzene	7.795	168	129770	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	219432	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	203755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84072	60.435	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.860%	
35) Dibromofluoromethane	7.722	113	71176	56.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.640%	
50) Toluene-d8	10.185	98	258126	56.397	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.800%	
62) 4-Bromofluorobenzene	12.483	95	86161	50.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	105	Below Cal	#	89
20) Methylene Chloride	4.723	84	16270	2.953	ug/l	96
31) Cyclohexane	7.789	56	2806	1.136	ug/l #	5
36) 1,1-Dichloropropene	7.795	75	9913	4.467	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12424	5.420	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	46143	36.832	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46143	81.248	ug/l #	11

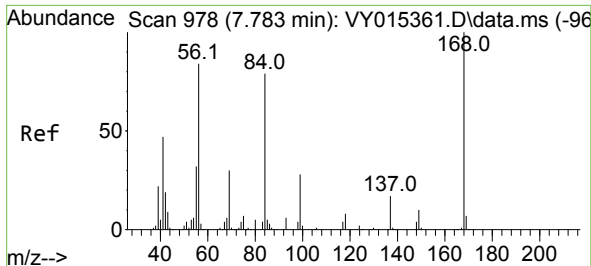
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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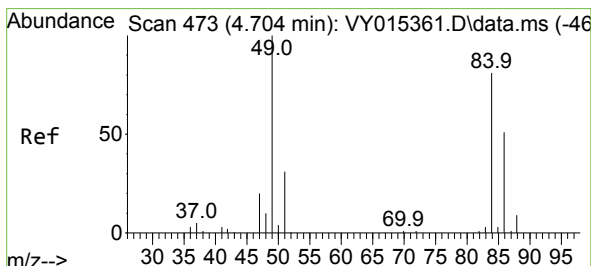
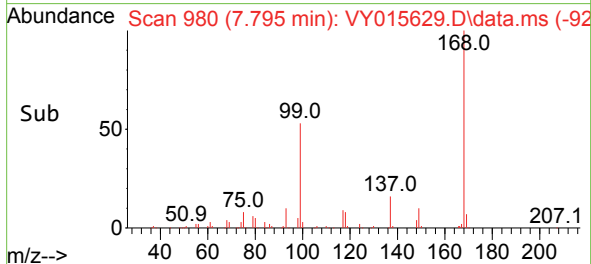
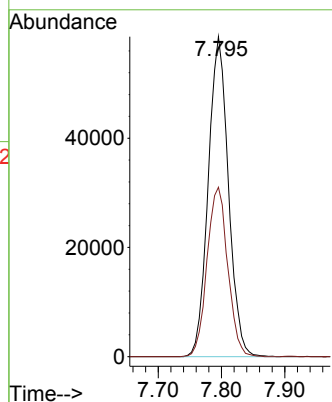
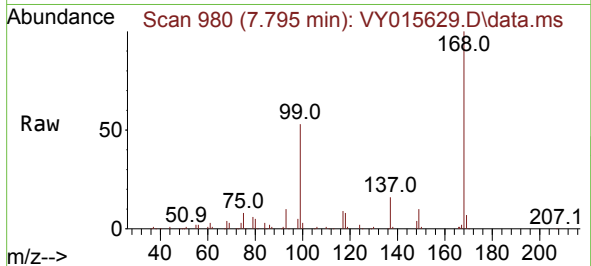




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015629.D
Acq: 18 Sep 2023 20:54

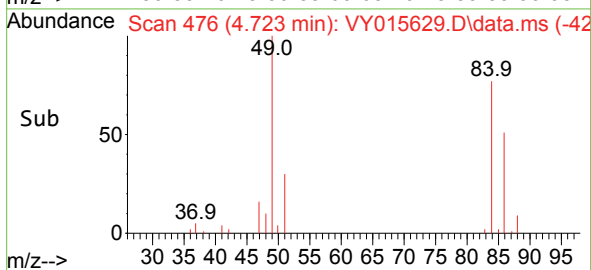
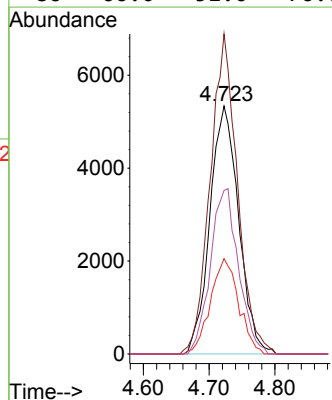
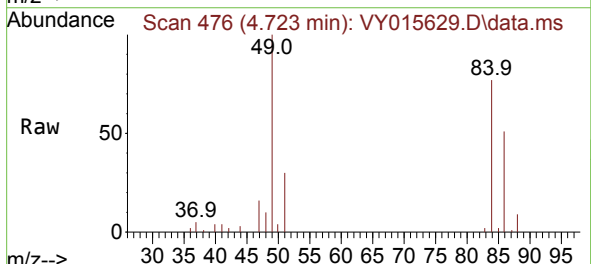
Instrument :
MSVOA_Y
ClientSampleId :

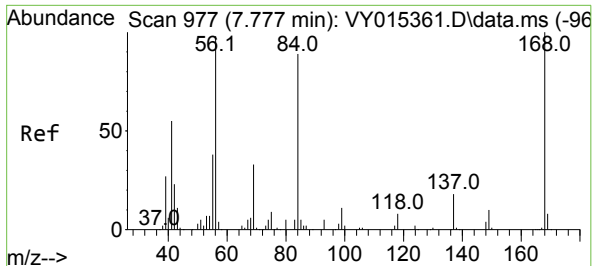
Tgt Ion:168 Resp: 129770
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#20
Methylene Chloride
Concen: 2.953 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.019 min
Lab File: VY015629.D
Acq: 18 Sep 2023 20:54

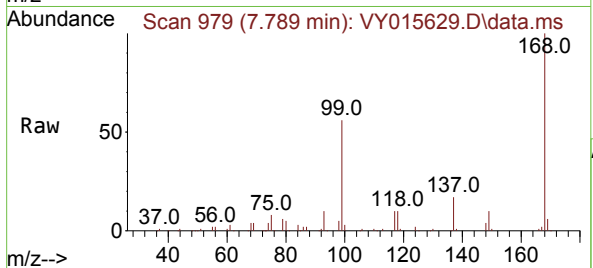
Tgt Ion: 84 Resp: 16270
Ion Ratio Lower Upper
84 100
49 129.1 106.9 160.3
51 38.5 33.2 49.8
86 66.0 51.0 76.6



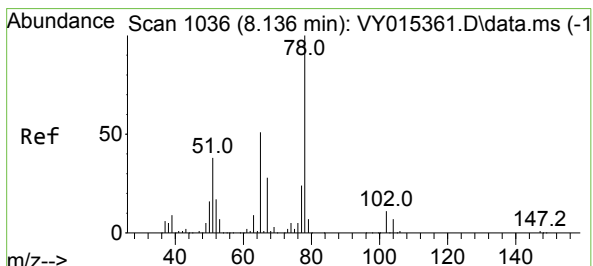
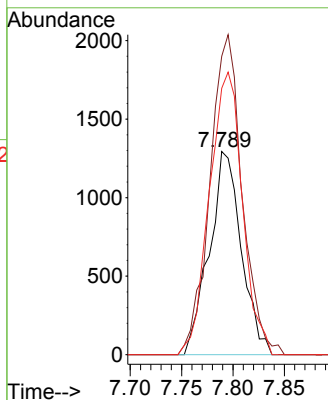
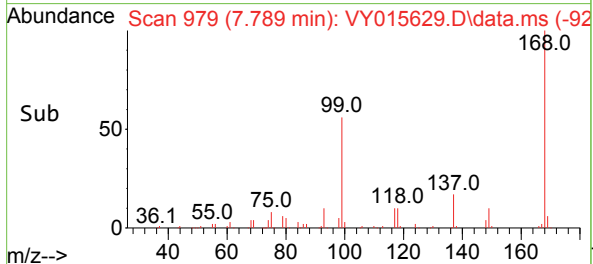


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015629.D
Acq: 18 Sep 2023 20:54

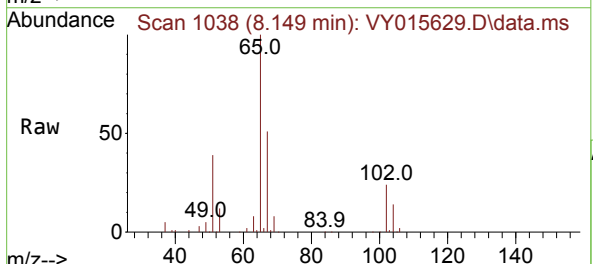
Instrument :
MSVOA_Y
ClientSampleId :



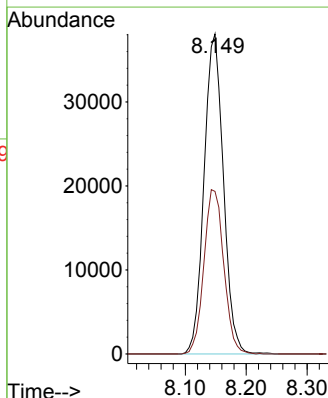
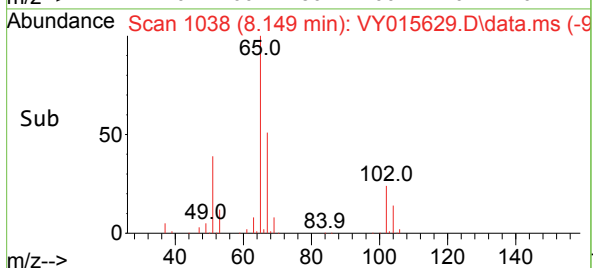
Tgt Ion: 56 Resp: 2806
Ion Ratio Lower Upper
56 100
69 146.8 27.8 41.6#
84 131.1 66.4 99.6#

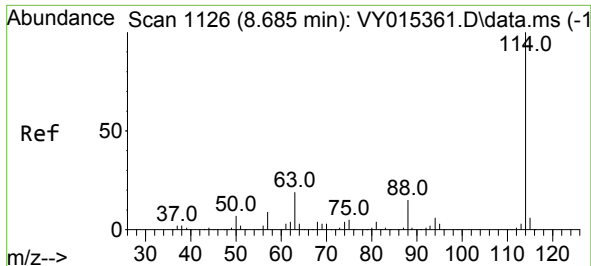


#33
1,2-Dichloroethane-d4
Concen: 60.435 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015629.D
Acq: 18 Sep 2023 20:54



Tgt Ion: 65 Resp: 84072
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015629.D

Acq: 18 Sep 2023 20:54

Instrument :

MSVOA_Y

ClientSampleId :

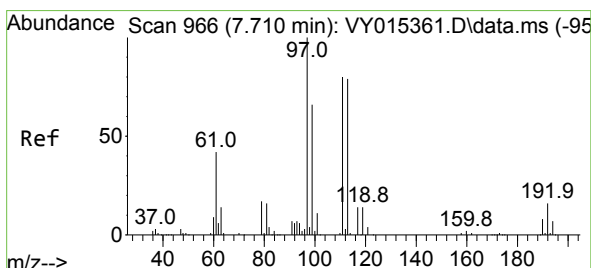
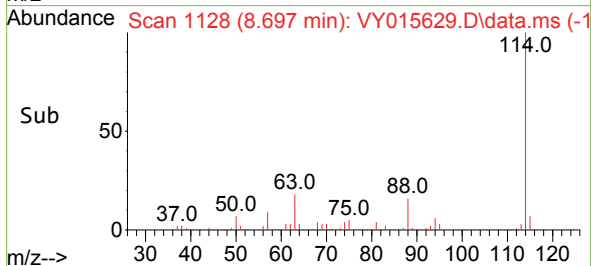
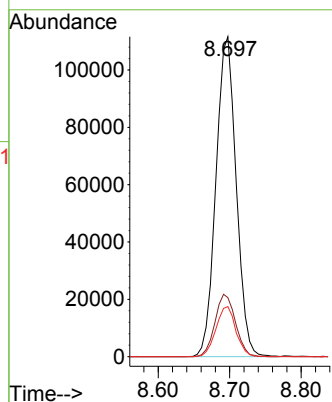
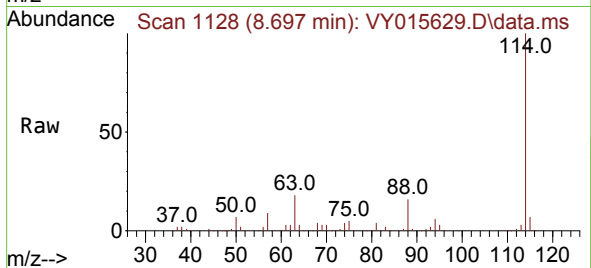
Tgt Ion:114 Resp: 219432

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.315 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015629.D

Acq: 18 Sep 2023 20:54

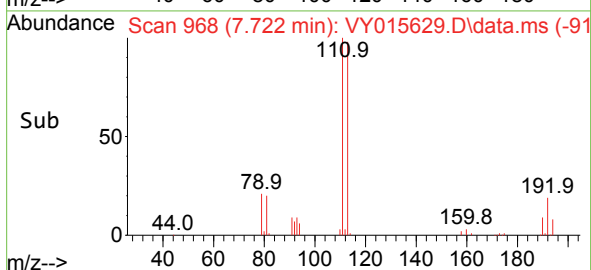
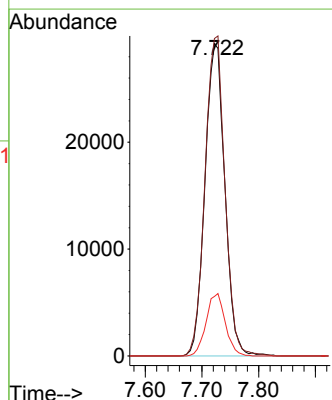
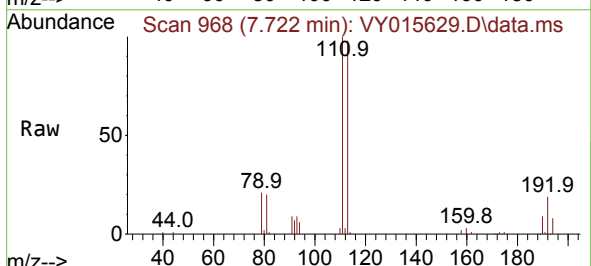
Tgt Ion:113 Resp: 71176

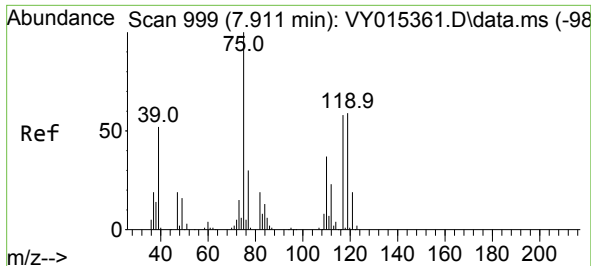
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

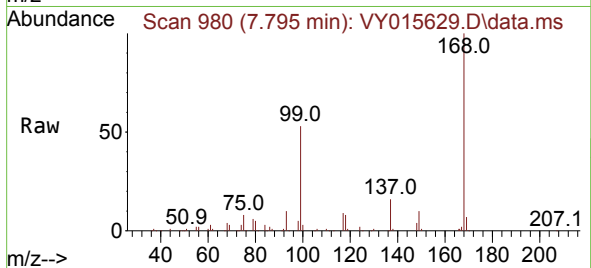
192 19.3 16.9 25.3



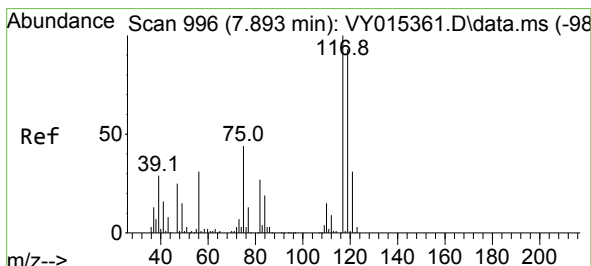
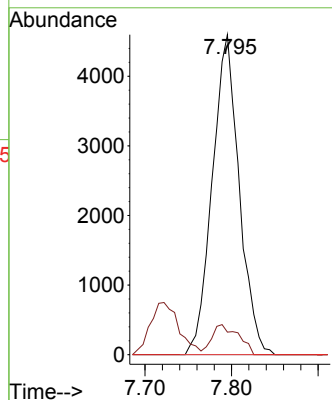
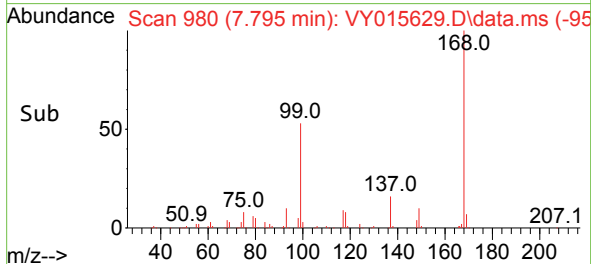


#36
 1,1-Dichloropropene
 Concen: 4.467 ug/l
 RT: 7.795 min Scan# 991
 Delta R.T. -0.116 min
 Lab File: VY015629.D
 Acq: 18 Sep 2023 20:54

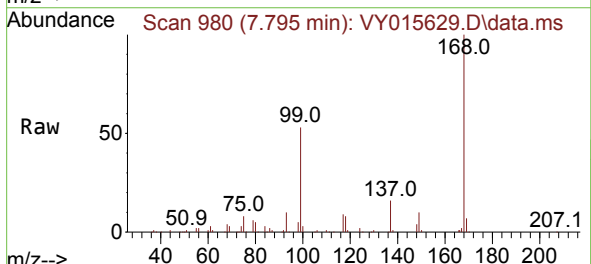
Instrument :
 MSVOA_Y
 ClientSampleId :



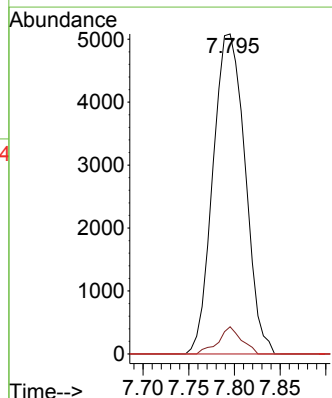
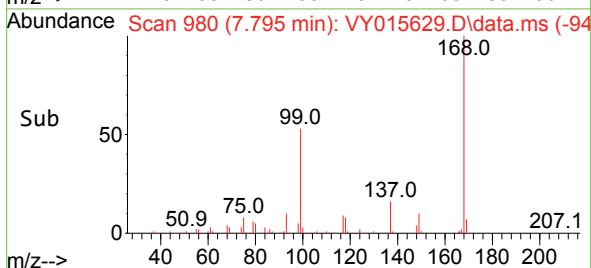
Tgt Ion: 75 Resp: 9913
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.8 53.5#
 77 0.0 24.4 36.6#

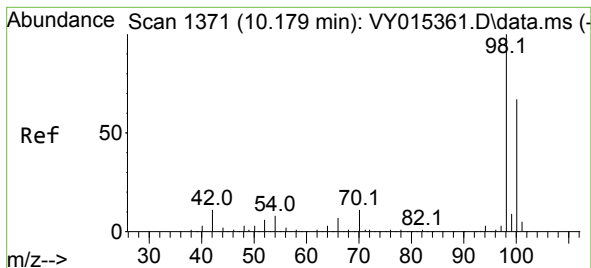


#38
 Carbon Tetrachloride
 Concen: 5.420 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.097 min
 Lab File: VY015629.D
 Acq: 18 Sep 2023 20:54



Tgt Ion: 117 Resp: 12424
 Ion Ratio Lower Upper
 117 100
 119 8.5 76.4 114.6#
 121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 56.397 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015629.D

Acq: 18 Sep 2023 20:54

Instrument :

MSVOA_Y

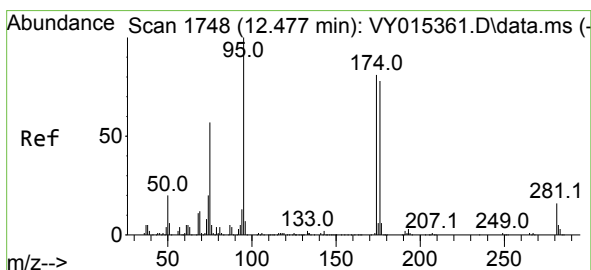
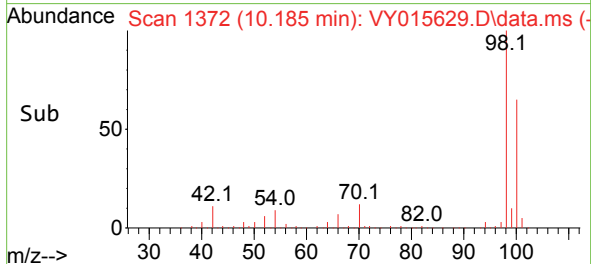
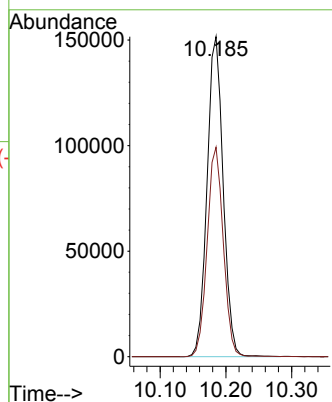
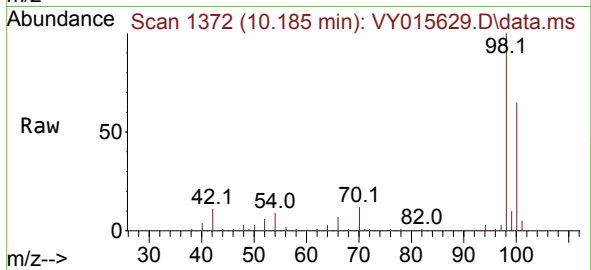
ClientSampleId :

Tgt Ion: 98 Resp: 258126

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.708 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015629.D

Acq: 18 Sep 2023 20:54

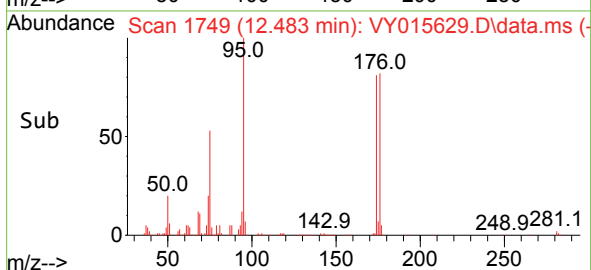
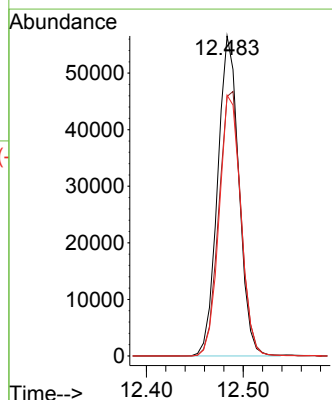
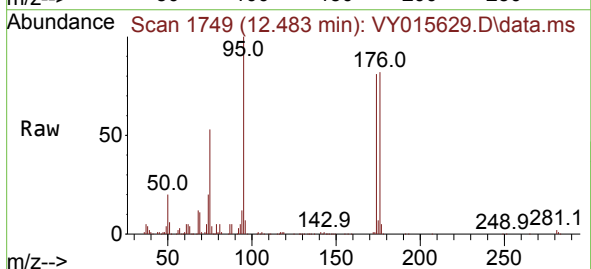
Tgt Ion: 95 Resp: 86161

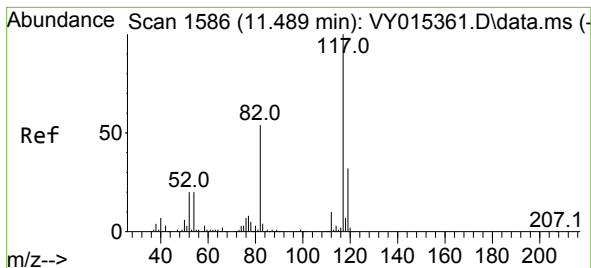
Ion Ratio Lower Upper

95 100

174 86.3 0.0 178.2

176 83.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015629.D

Acq: 18 Sep 2023 20:54

Instrument :

MSVOA_Y

ClientSampleId :

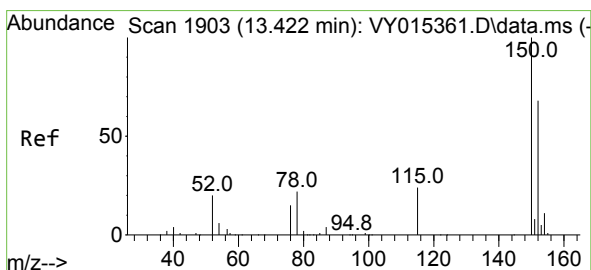
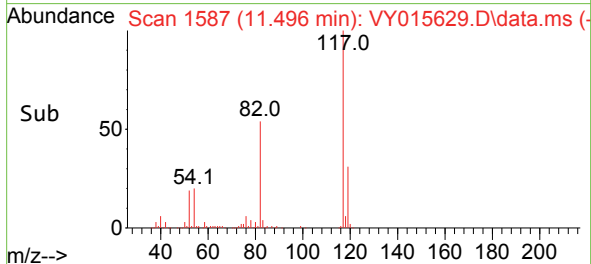
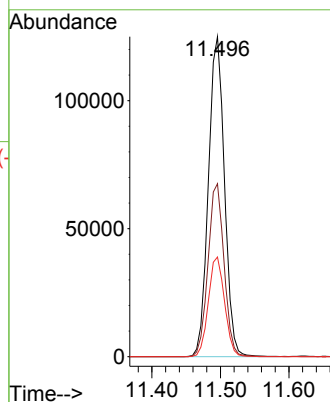
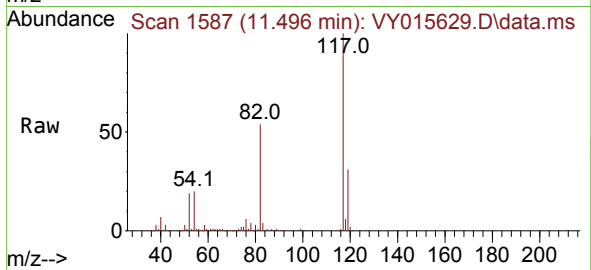
Tgt Ion:117 Resp: 203755

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 31.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015629.D

Acq: 18 Sep 2023 20:54

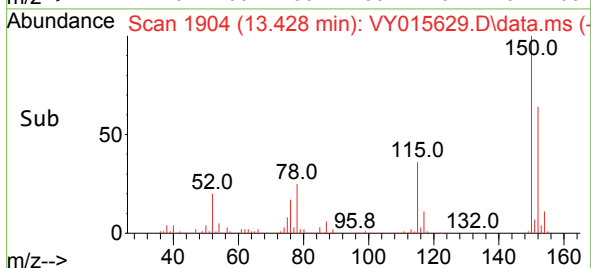
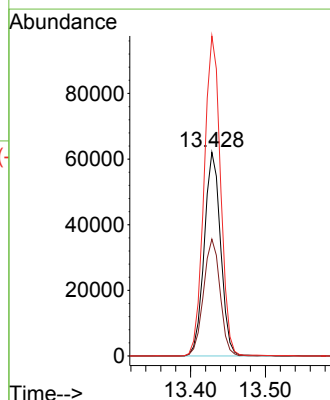
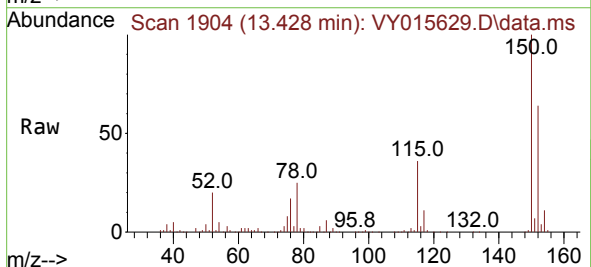
Tgt Ion:152 Resp: 94471

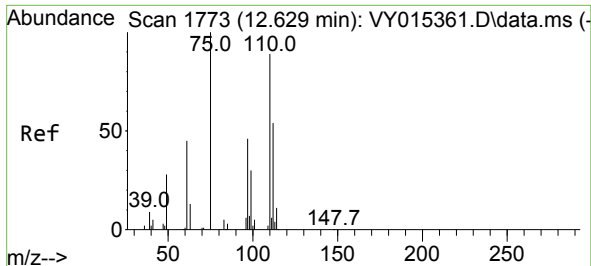
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 157.5 0.0 348.8

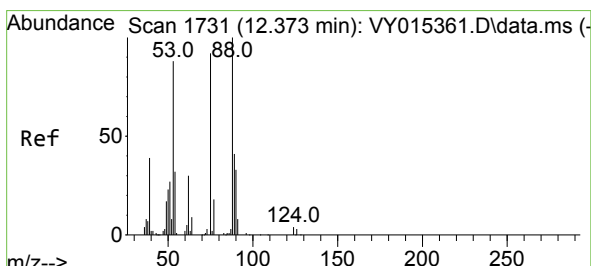
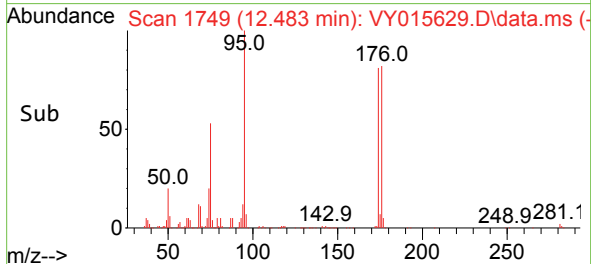
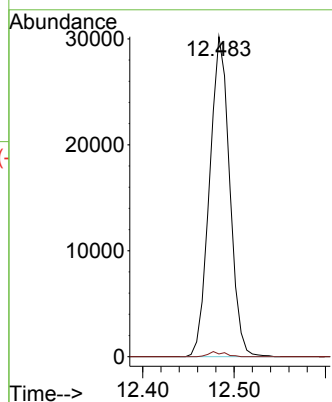
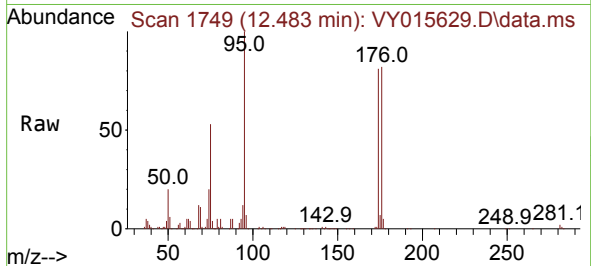




#76
1,2,3-Trichloropropane
Concen: 36.832 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015629.D
Acq: 18 Sep 2023 20:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 46143
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.248 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015629.D
Acq: 18 Sep 2023 20:54

Tgt Ion: 75 Resp: 46143
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

