

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015628.D
 Acq On : 18 Sep 2023 20:30
 Operator : SY/MD
 Sample : 04451-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

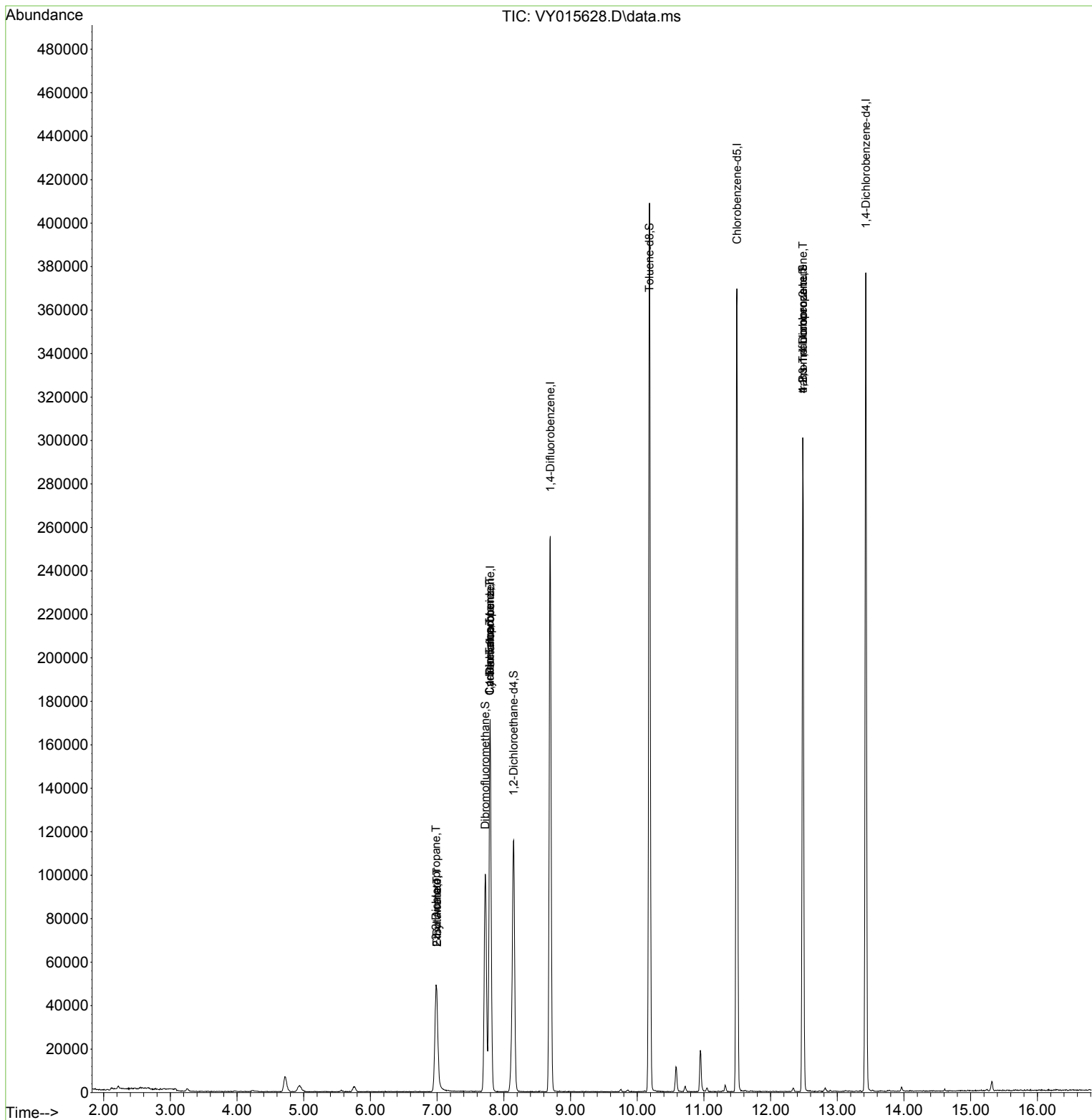
Quant Time: Sep 19 02:07:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

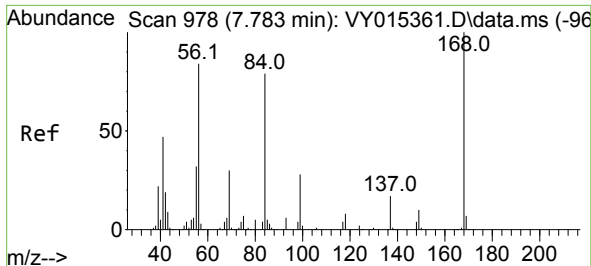
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	132598	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	225722	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	203610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86107	60.578	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.160%	
35) Dibromofluoromethane	7.722	113	72369	55.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.320%	
50) Toluene-d8	10.185	98	263365	55.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.880%	
62) 4-Bromofluorobenzene	12.483	95	87691	50.171	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	3549	Below Cal	#	89
20) Methylene Chloride	4.722	84	5376	Below Cal		85
25) 2-Butanone	6.996	43	2636	3.133	ug/l #	73
26) 2,2-Dichloropropane	6.984	77	4028	1.787	ug/l #	54
31) Cyclohexane	7.789	56	2748	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10164	4.452	ug/l #	49
37) Ethyl Acetate	6.996	43	2636	1.497	ug/l #	1
38) Carbon Tetrachloride	7.789	117	12872	5.459	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47449	38.020	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47449	83.869	ug/l #	10

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

Quant Time: Sep 19 02:07:55 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

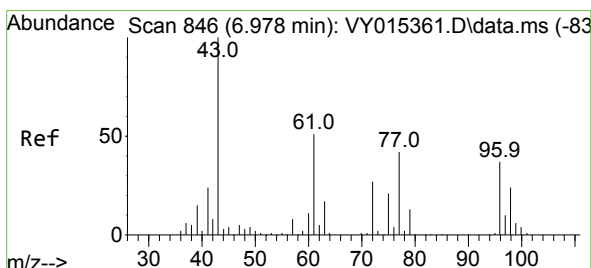
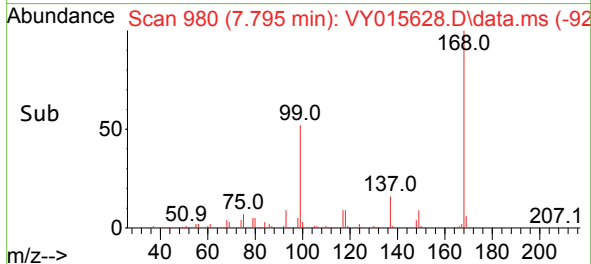
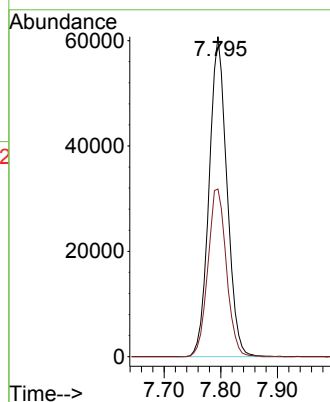
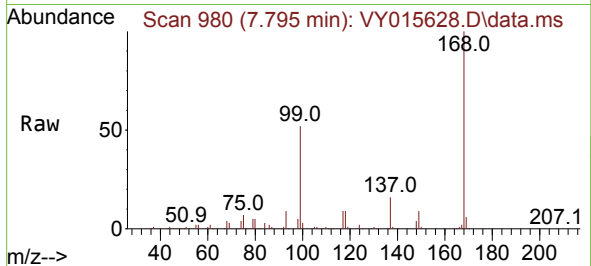




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015628.D
Acq: 18 Sep 2023 20:30

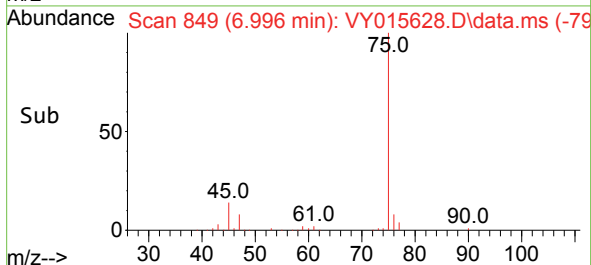
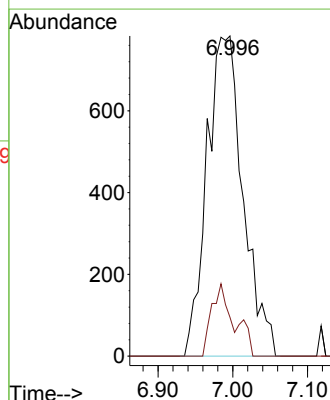
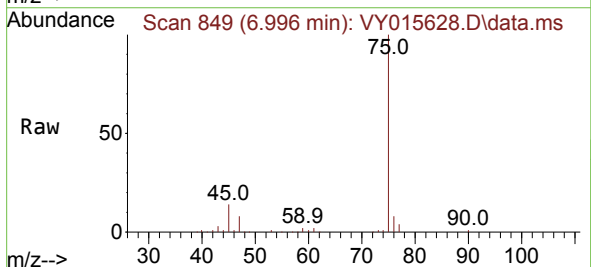
Instrument :
MSVOA_Y
ClientSampleId :

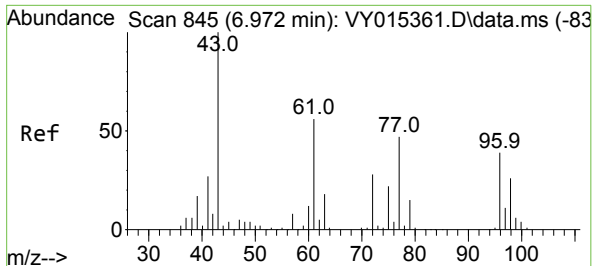
Tgt Ion:168 Resp: 132598
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#25
2-Butanone
Concen: 3.133 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY015628.D
Acq: 18 Sep 2023 20:30

Tgt Ion: 43 Resp: 2636
Ion Ratio Lower Upper
43 100
72 12.1 20.5 30.7#

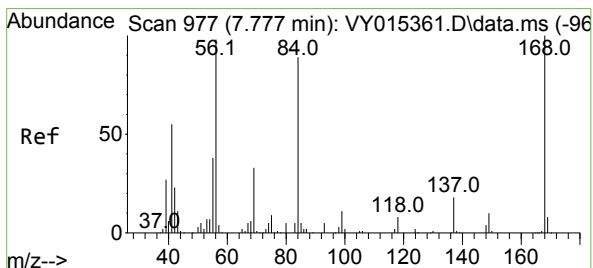
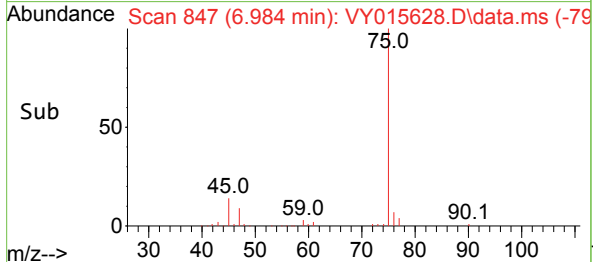
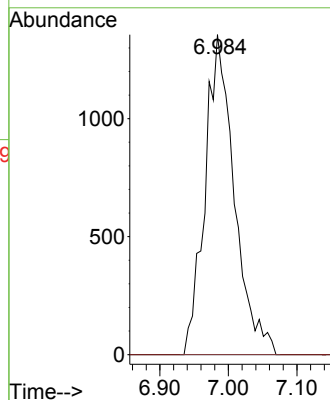
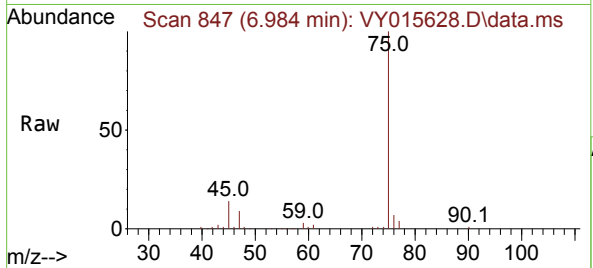




#26
2,2-Dichloropropane
Concen: 1.787 ug/l
RT: 6.984 min Scan# 845
Delta R.T. 0.012 min
Lab File: VY015628.D
Acq: 18 Sep 2023 20:30

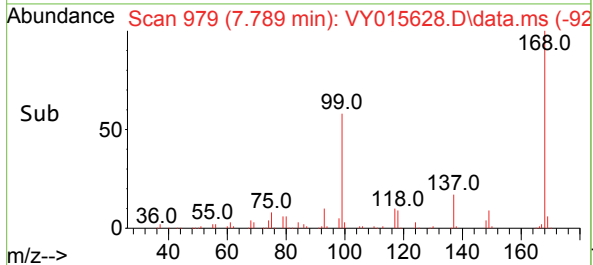
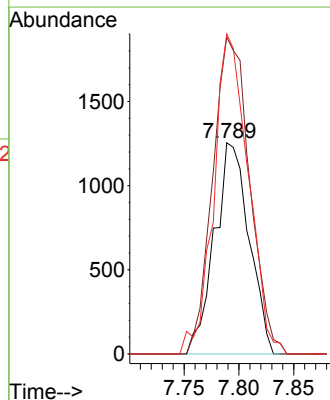
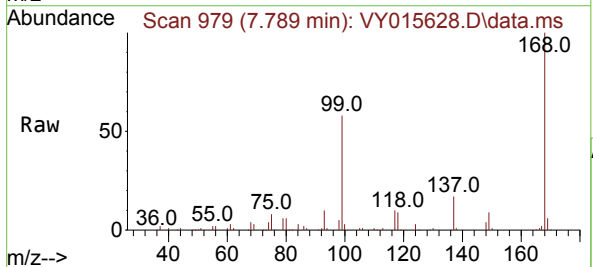
Instrument :
MSVOA_Y
ClientSampleId :

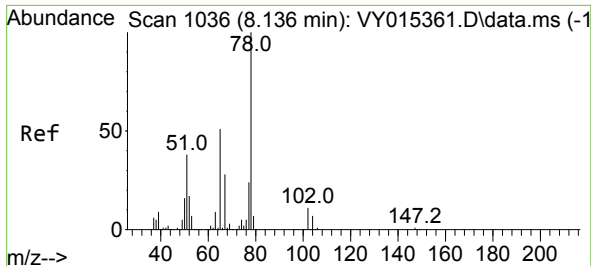
Tgt Ion: 77 Resp: 4028
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015628.D
Acq: 18 Sep 2023 20:30

Tgt Ion: 56 Resp: 2748
Ion Ratio Lower Upper
56 100
69 150.0 27.8 41.6#
84 151.5 66.4 99.6#

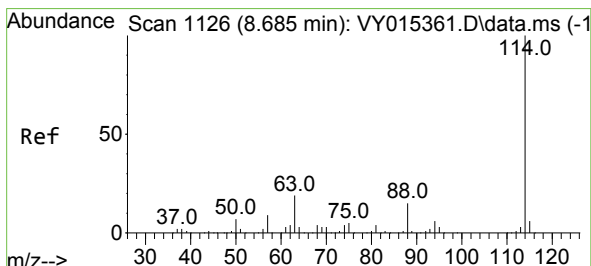
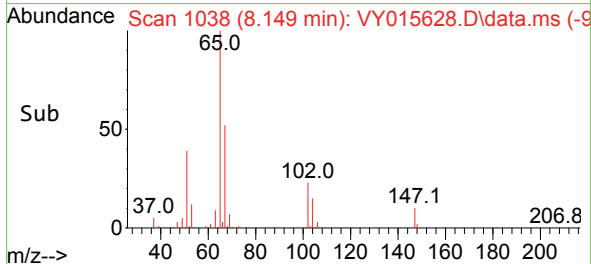
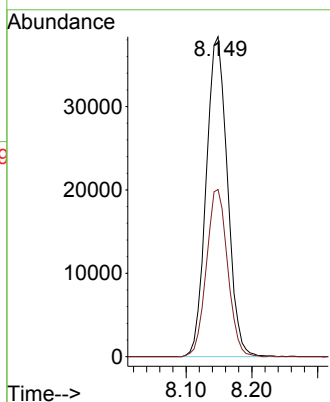
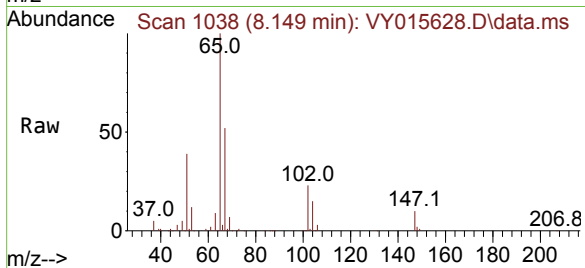




#33
 1,2-Dichloroethane-d4
 Concen: 60.578 ug/l
 RT: 8.149 min Scan# 1107
 Delta R.T. 0.012 min
 Lab File: VY015628.D
 Acq: 18 Sep 2023 20:30

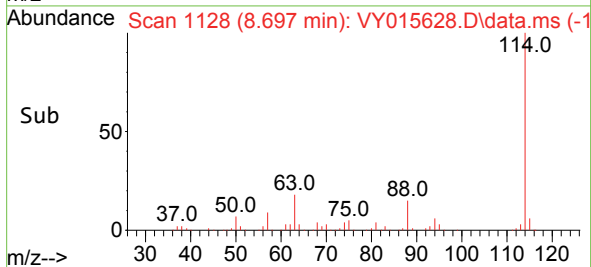
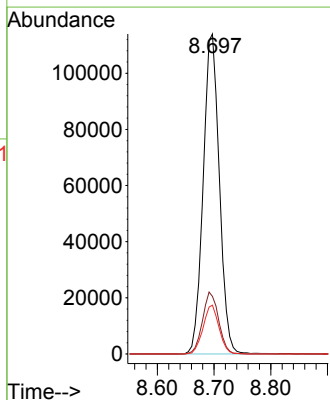
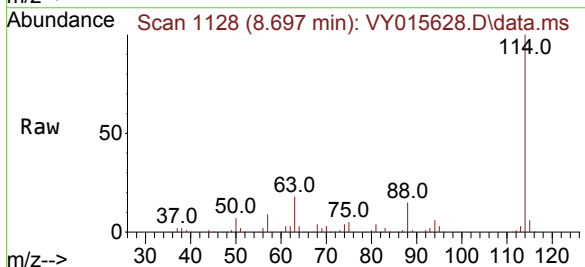
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 86107
 Ion Ratio Lower Upper
 65 100
 67 52.3 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: VY015628.D
 Acq: 18 Sep 2023 20:30

Tgt Ion: 114 Resp: 225722
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 42.4
 88 15.2 0.0 30.6

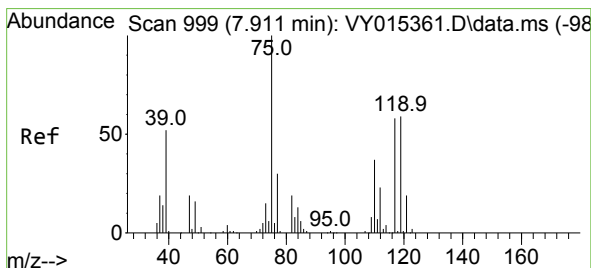
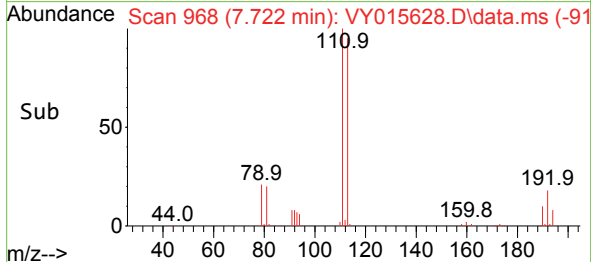
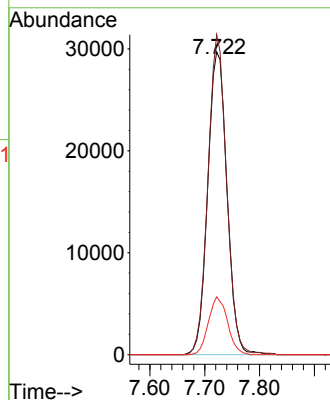
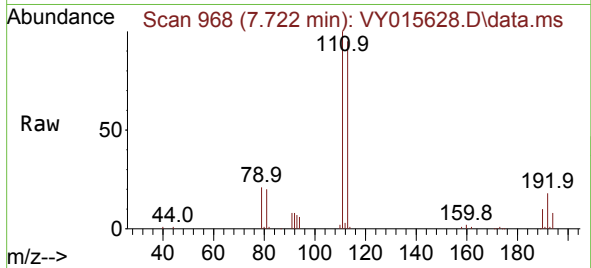




#35
Dibromofluoromethane
Concen: 55.664 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY015628.D
Acq: 18 Sep 2023 20:30

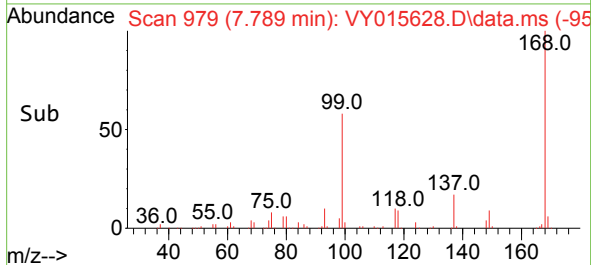
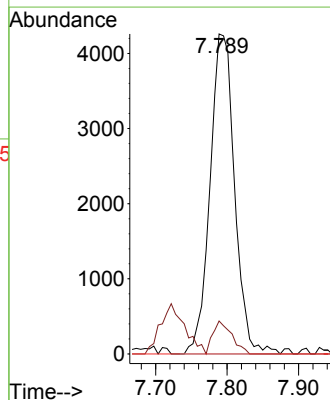
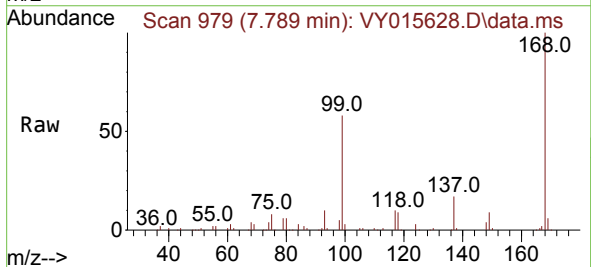
Instrument :
MSVOA_Y
ClientSampleId :

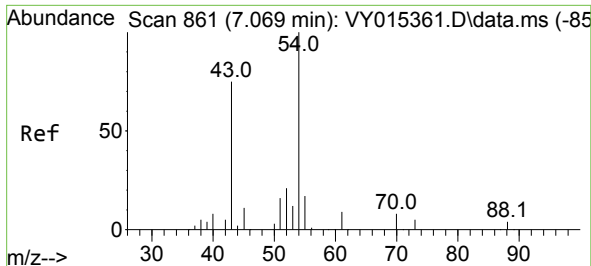
Tgt Ion:113 Resp: 72369
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.452 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015628.D
Acq: 18 Sep 2023 20:30

Tgt Ion: 75 Resp: 10164
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.5#
77 0.0 24.4 36.6#

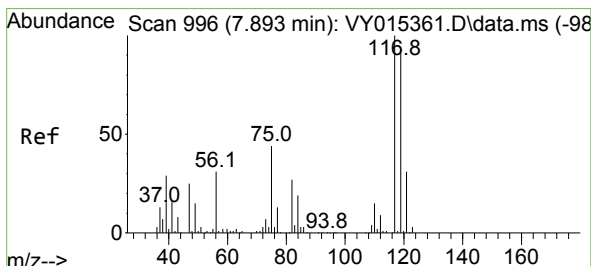
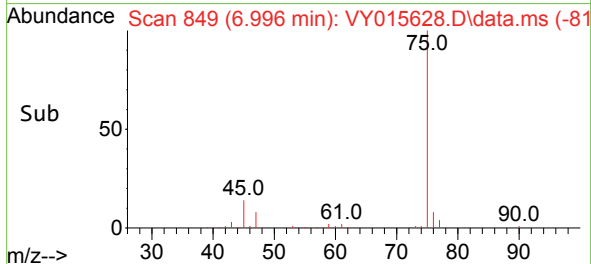
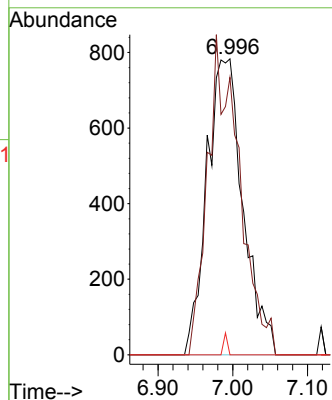
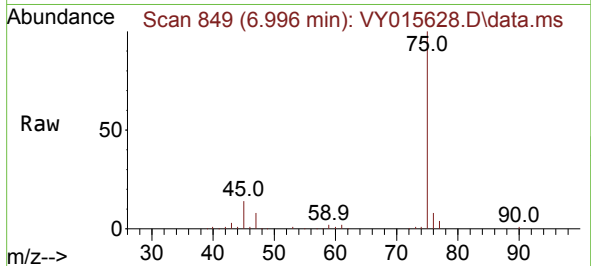




#37
Ethyl Acetate
Concen: 1.497 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.067 min
Lab File: VY015628.D
Acq: 18 Sep 2023 20:30

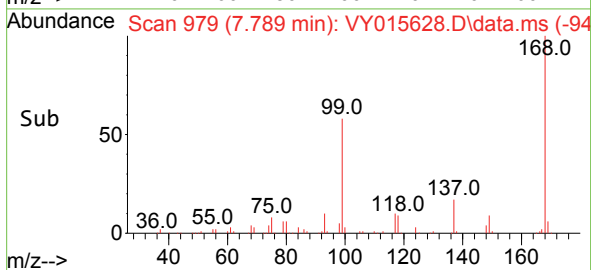
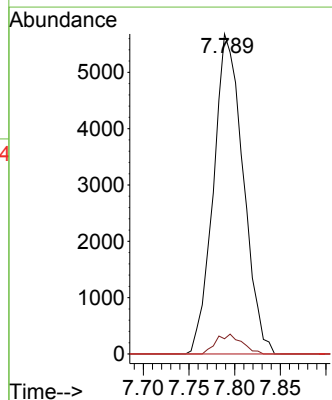
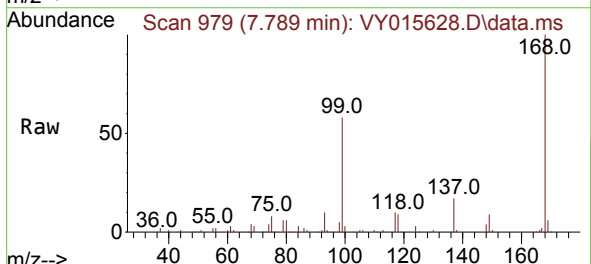
Instrument :
MSVOA_Y
ClientSampleId :

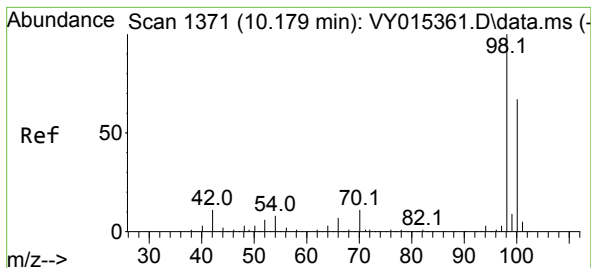
Tgt Ion: 43 Resp: 2636
Ion Ratio Lower Upper
43 100
61 94.7 10.1 15.1#
70 0.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.459 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY015628.D
Acq: 18 Sep 2023 20:30

Tgt Ion: 117 Resp: 12872
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 55.938 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015628.D

Acq: 18 Sep 2023 20:30

Instrument :

MSVOA_Y

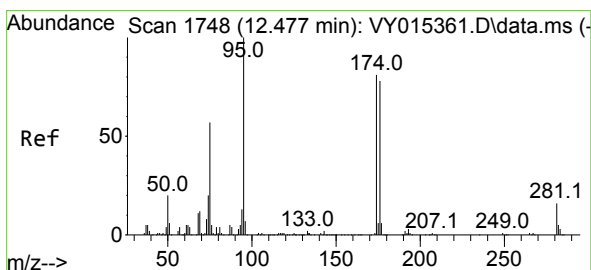
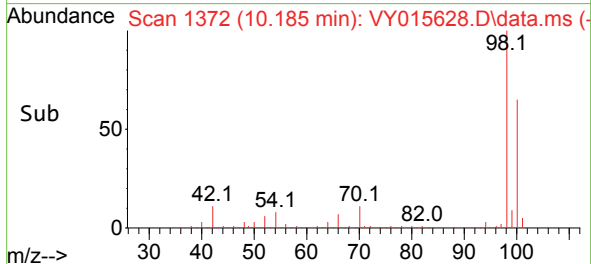
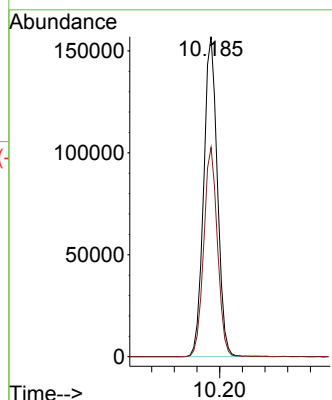
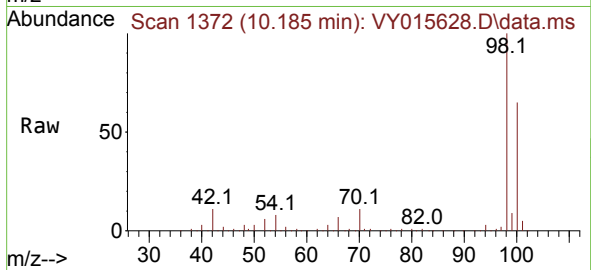
ClientSampleId :

Tgt Ion: 98 Resp: 263365

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.171 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015628.D

Acq: 18 Sep 2023 20:30

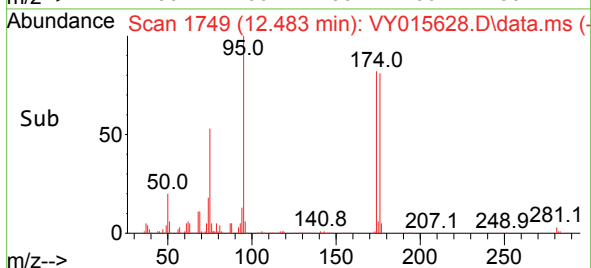
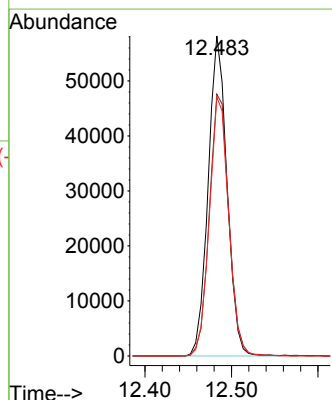
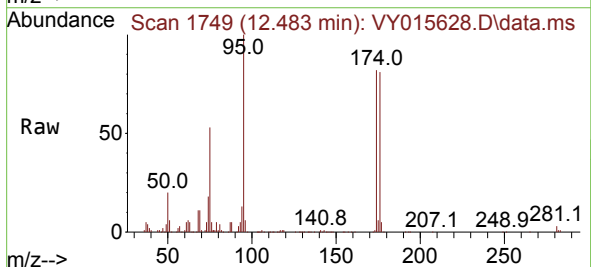
Tgt Ion: 95 Resp: 87691

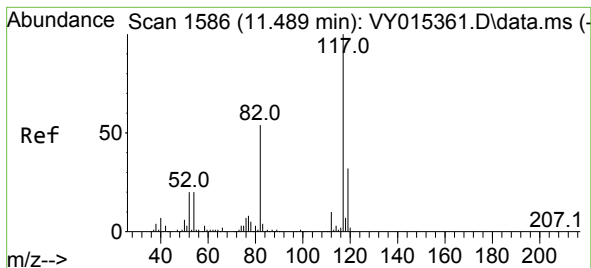
Ion Ratio Lower Upper

95 100

174 85.1 0.0 178.2

176 82.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015628.D

Acq: 18 Sep 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

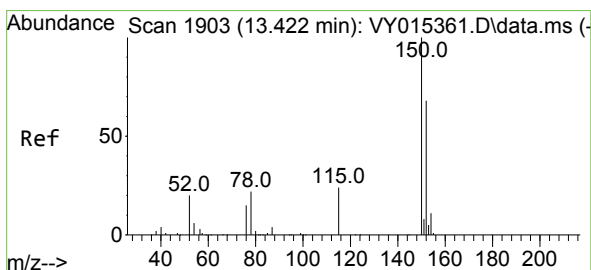
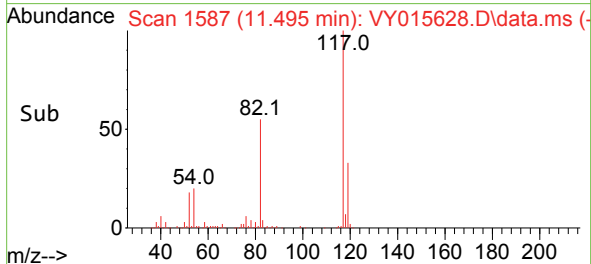
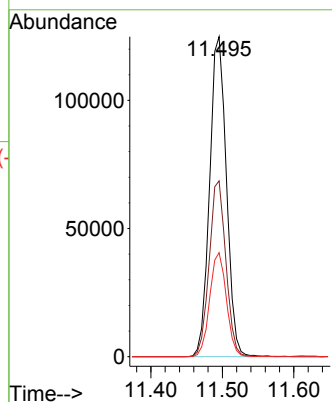
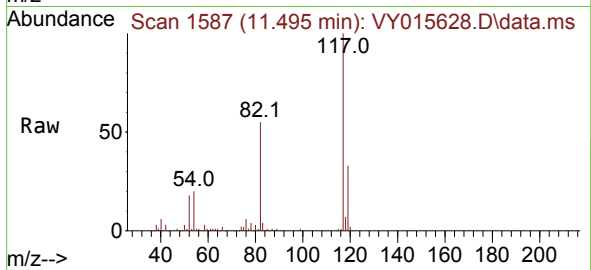
Tgt Ion:117 Resp: 203610

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 32.5 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: VY015628.D

Acq: 18 Sep 2023 20:30

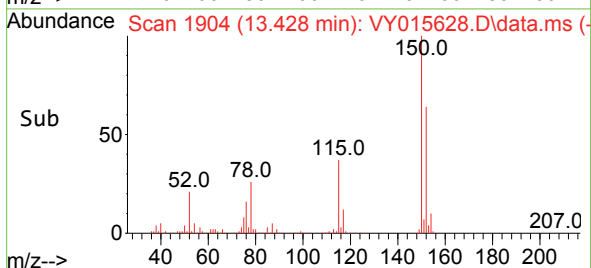
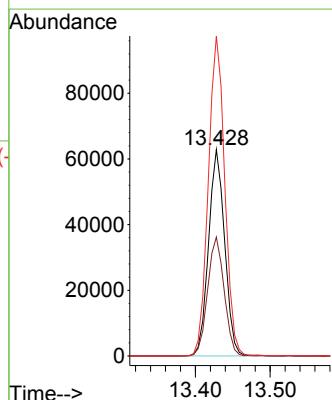
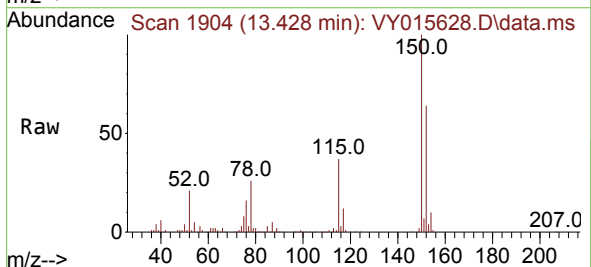
Tgt Ion:152 Resp: 94109

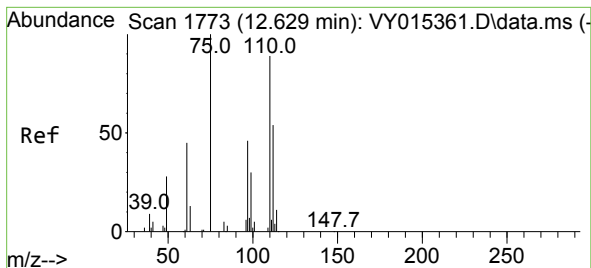
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 158.1 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 38.020 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015628.D

Acq: 18 Sep 2023 20:30

Instrument :

MSVOA_Y

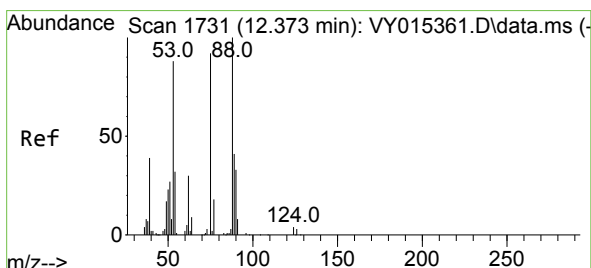
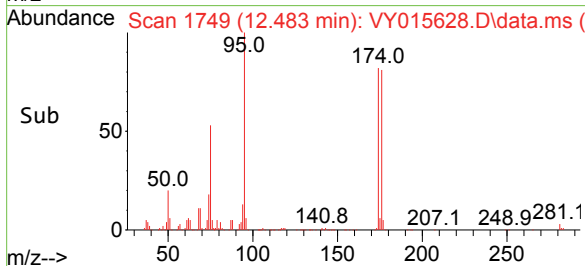
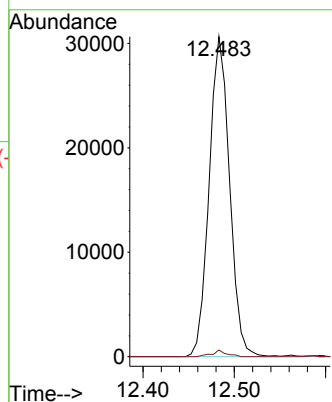
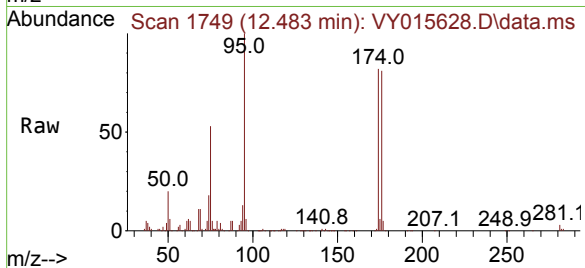
ClientSampleId :

Tgt Ion: 75 Resp: 47449

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.869 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY015628.D

Acq: 18 Sep 2023 20:30

Tgt Ion: 75 Resp: 47449

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

