

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015751.D
 Acq On : 28 Sep 2023 18:18
 Operator : SY/MD
 Sample : 04627-17
 Misc : 3.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 29 01:27:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

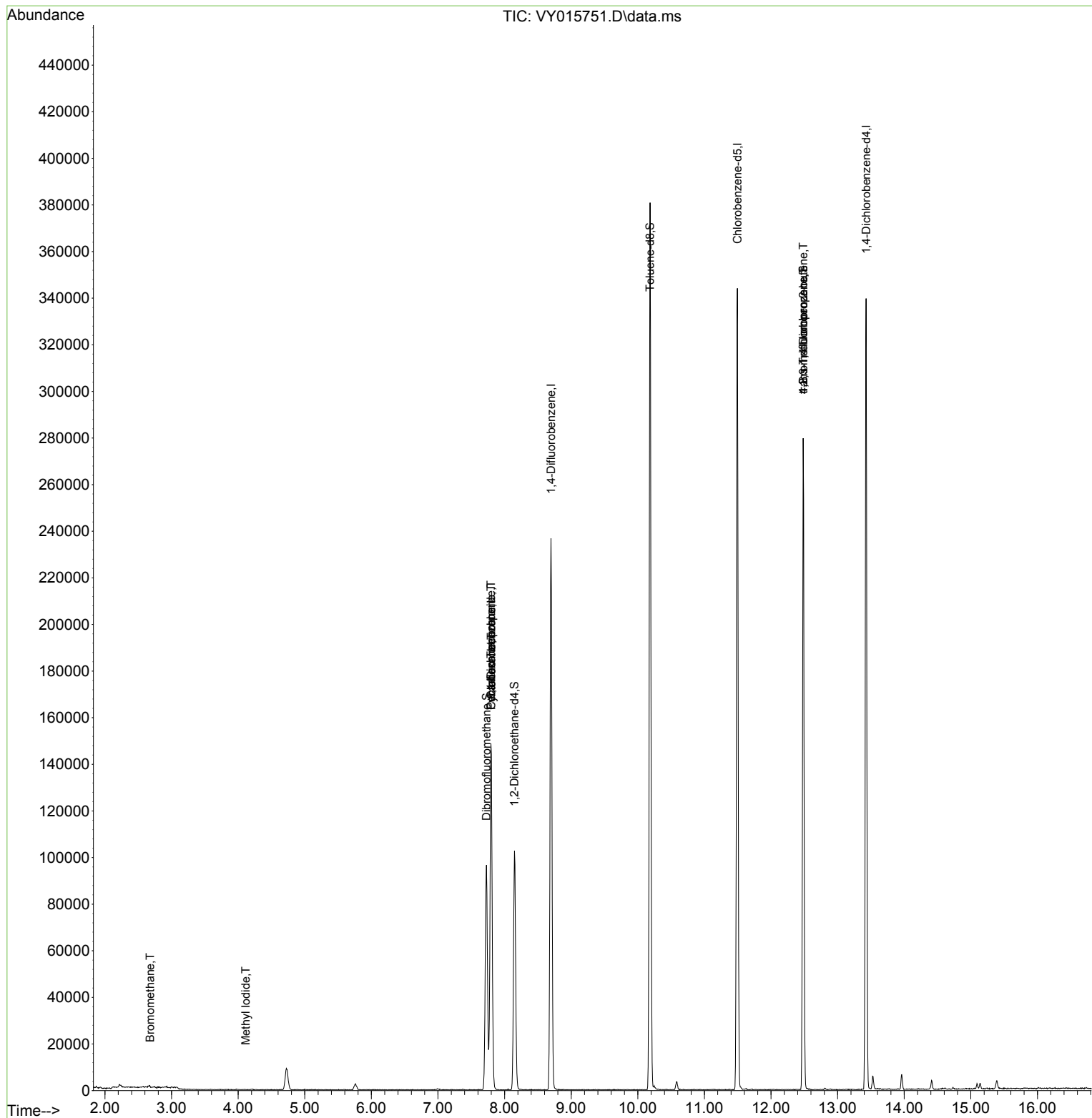
Internal Standards						
1) Pentafluorobenzene	7.801	168	113875	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	203234	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	191845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80000	63.850	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.700%	
35) Dibromofluoromethane	7.728	113	68148	56.023	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.040%	
50) Toluene-d8	10.185	98	243554	59.051	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 118.100%	
62) 4-Bromofluorobenzene	12.483	95	80346	49.640	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.280%	
Target Compounds						Qvalue
5) Bromomethane	2.680	94	174	2.710	ug/l #	2
10) Methyl Iodide	4.113	142	83	2.787	ug/l #	38
31) Cyclohexane	7.801	56	2356	1.357	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8598	4.780	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11428	5.854	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	42144	30.252	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42144	68.126	ug/l #	10

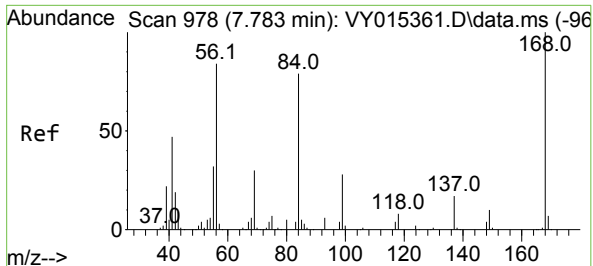
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
Data File : VY015751.D
Acq On : 28 Sep 2023 18:18
Operator : SY/MD
Sample : 04627-17
Misc : 3.67g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

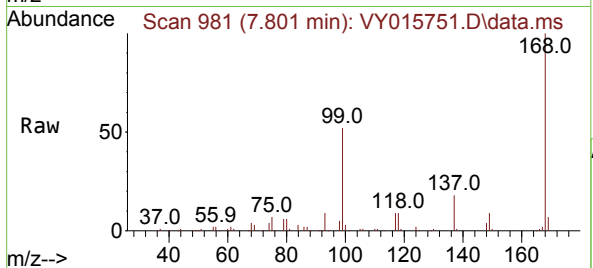
Quant Time: Sep 29 01:27:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration



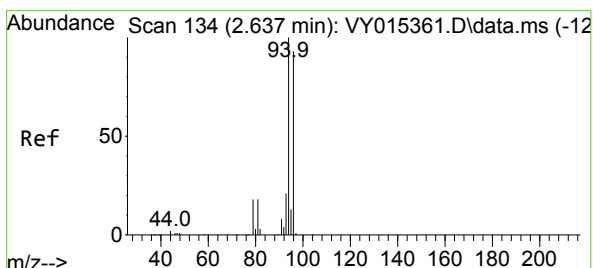
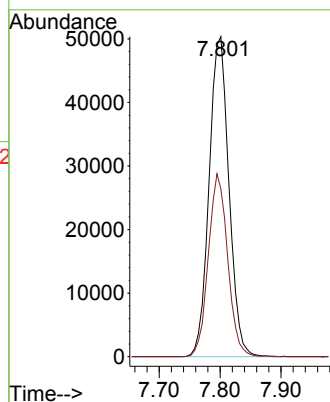
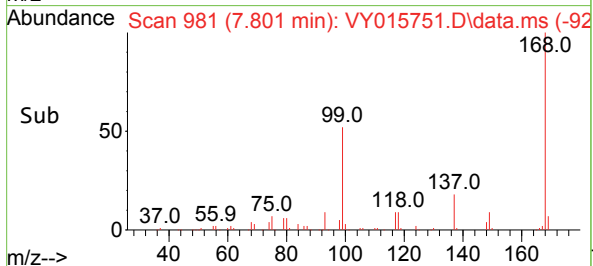


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015751.D
Acq: 28 Sep 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :

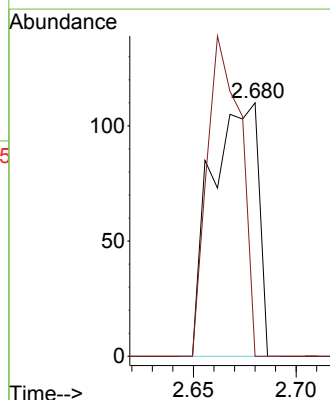
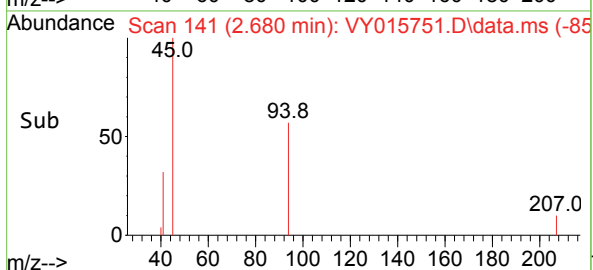
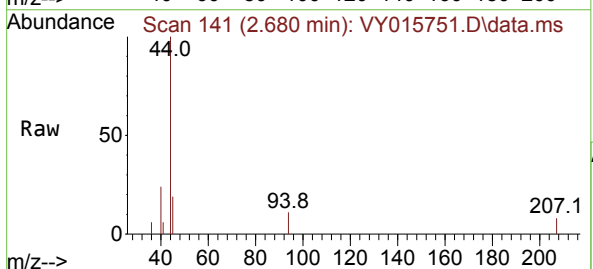


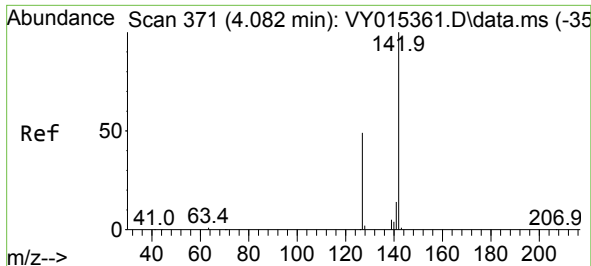
Tgt Ion:168 Resp: 113875
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#5
Bromomethane
Concen: 2.710 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.043 min
Lab File: VY015751.D
Acq: 28 Sep 2023 18:18

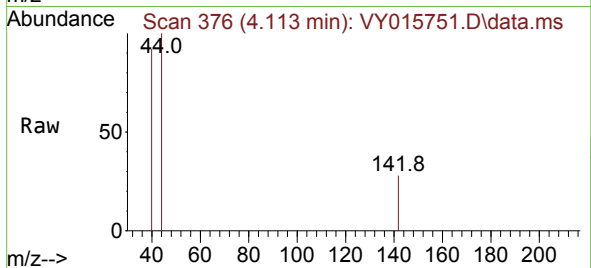
Tgt Ion: 94 Resp: 174
Ion Ratio Lower Upper
94 100
96 0.0 75.8 113.6#



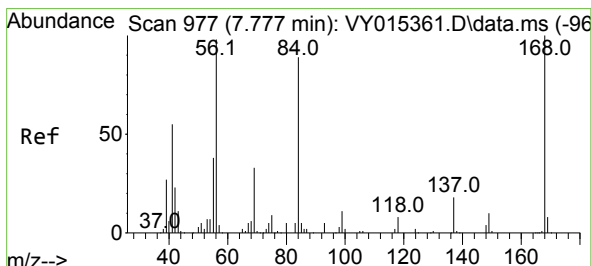
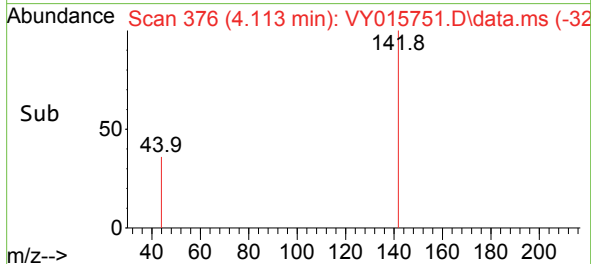
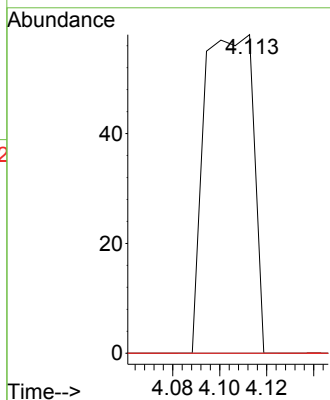


#10
Methyl Iodide
Concen: 2.787 ug/l
RT: 4.113 min Scan# 31
Delta R.T. 0.031 min
Lab File: VY015751.D
Acq: 28 Sep 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :

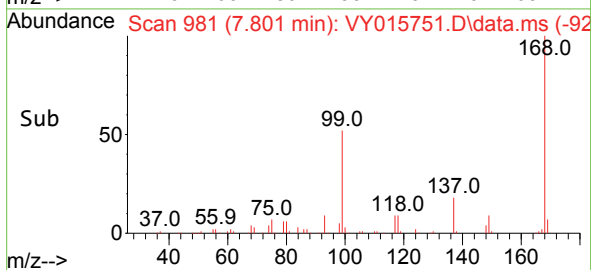
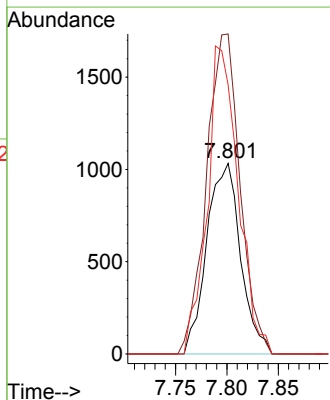
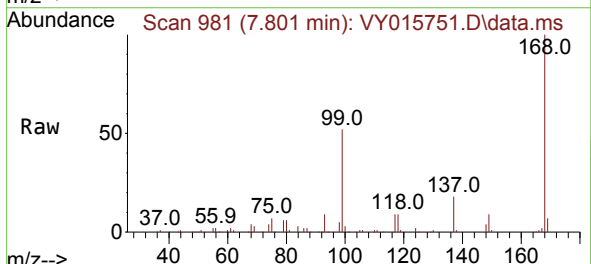


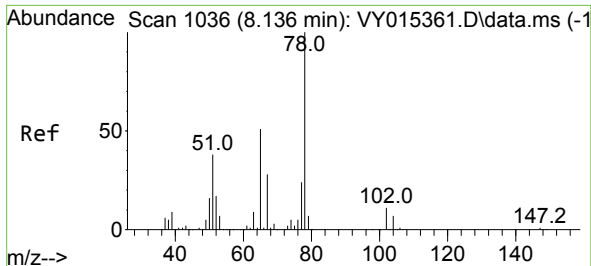
Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY015751.D
Acq: 28 Sep 2023 18:18

Tgt Ion: 56 Resp: 2356
Ion Ratio Lower Upper
56 100
69 167.9 27.8 41.6#
84 141.1 66.4 99.6#

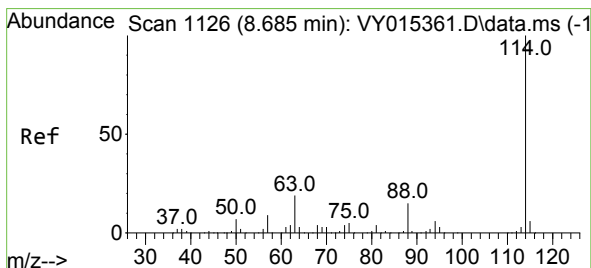
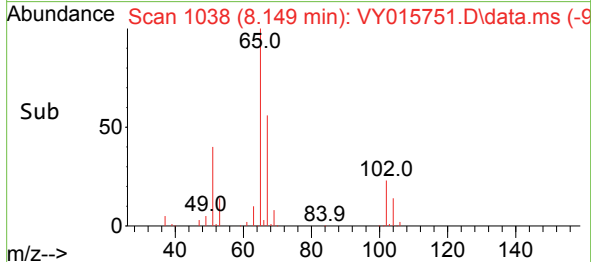
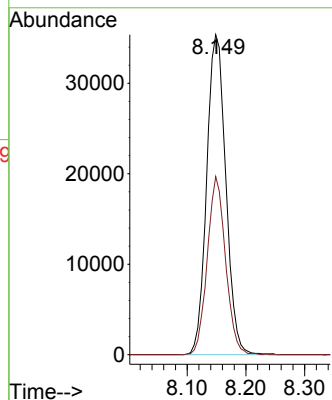
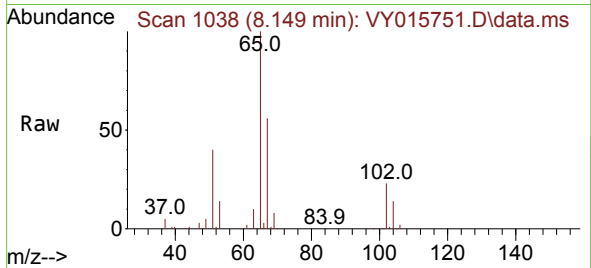




#33
 1,2-Dichloroethane-d4
 Concen: 63.850 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.013 min
 Lab File: VY015751.D
 Acq: 28 Sep 2023 18:18

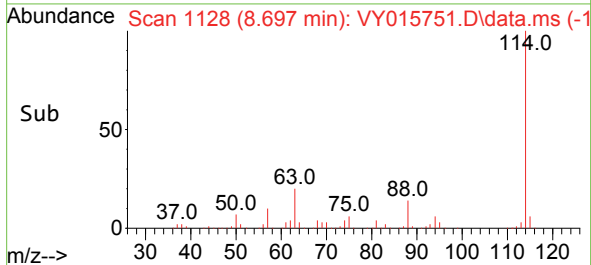
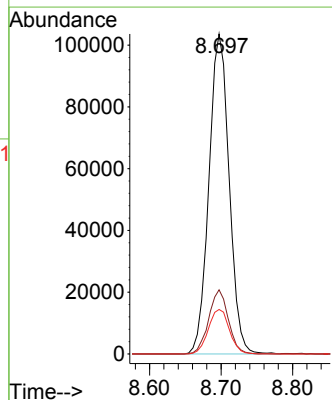
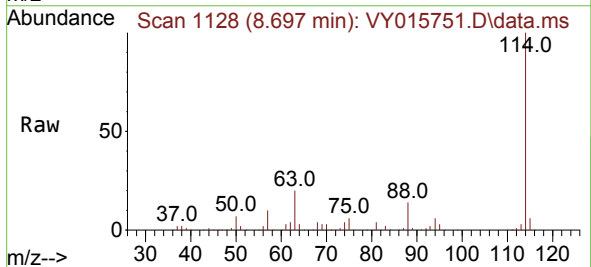
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 80000
 Ion Ratio Lower Upper
 65 100
 67 53.3 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: VY015751.D
 Acq: 28 Sep 2023 18:18

Tgt Ion:114 Resp: 203234
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 13.9 0.0 30.6

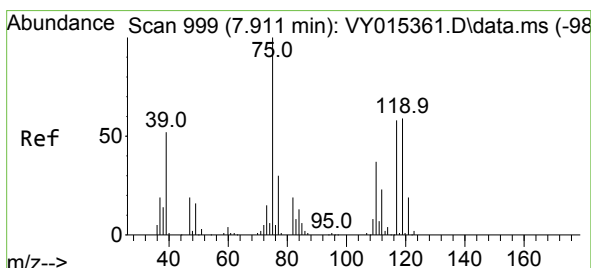
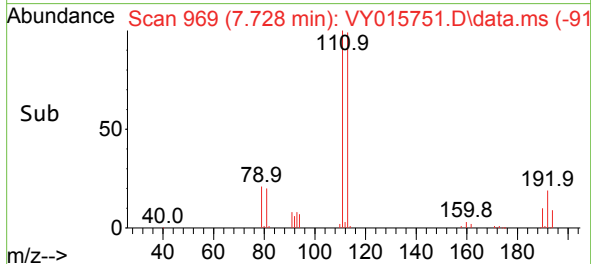
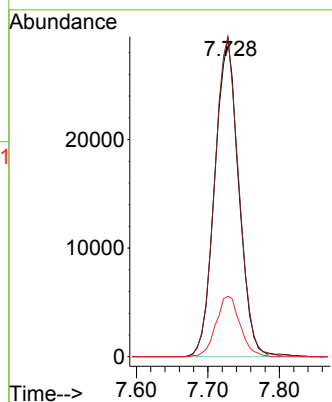
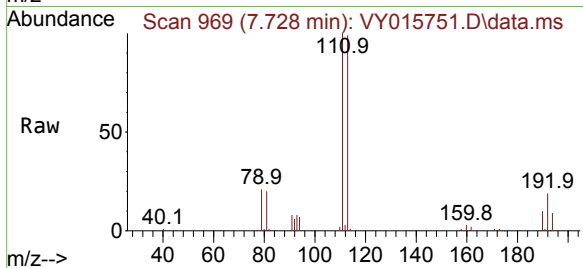




#35
Dibromofluoromethane
Concen: 56.023 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY015751.D
Acq: 28 Sep 2023 18:18

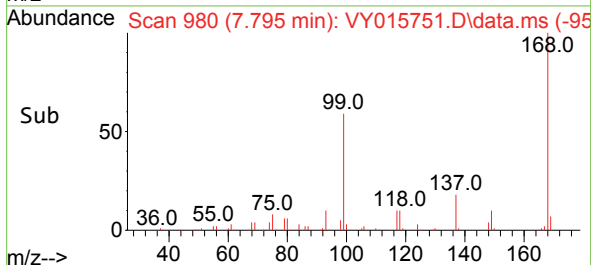
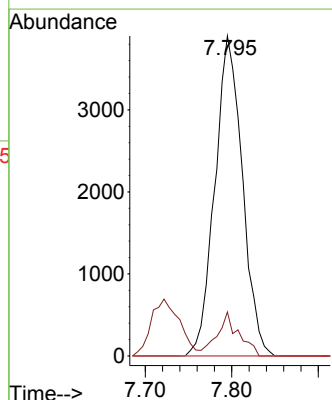
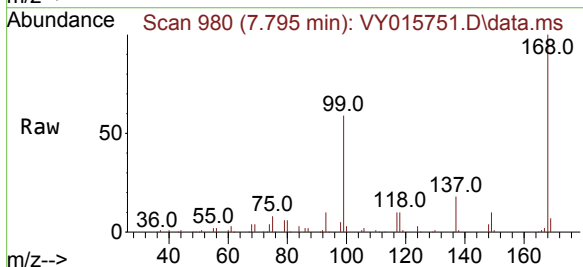
Instrument :
MSVOA_Y
ClientSampleId :

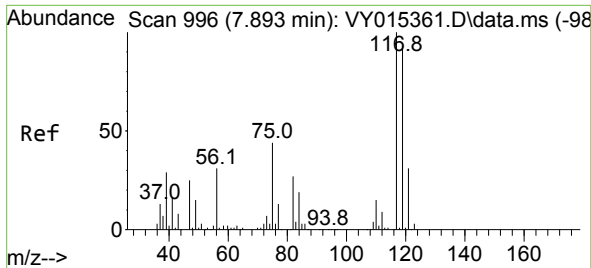
Tgt Ion:113 Resp: 68148
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.780 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY015751.D
Acq: 28 Sep 2023 18:18

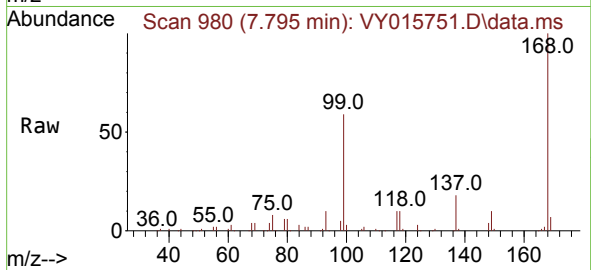
Tgt Ion: 75 Resp: 8598
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.5#
77 0.0 24.4 36.6#



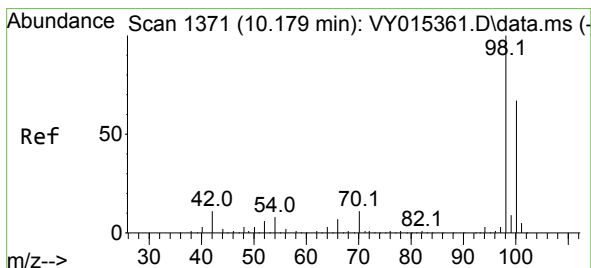
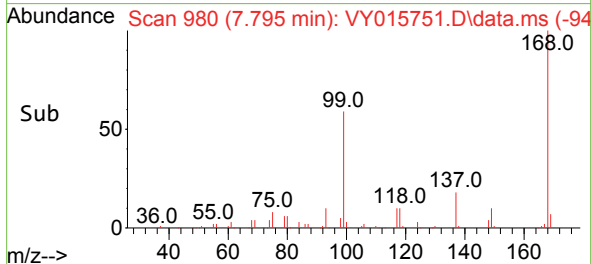
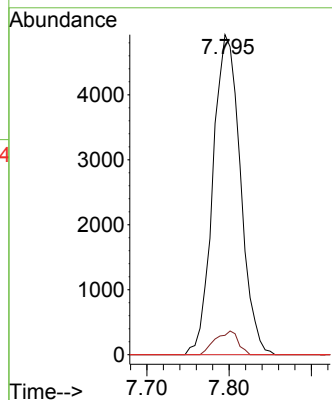


#38
Carbon Tetrachloride
Concen: 5.854 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015751.D
Acq: 28 Sep 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :

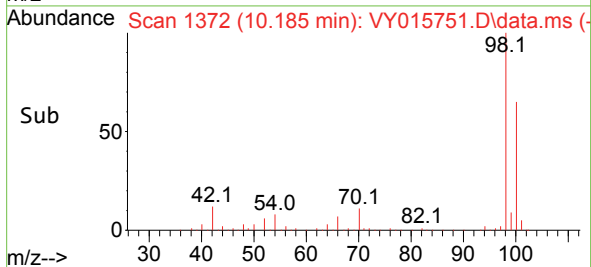
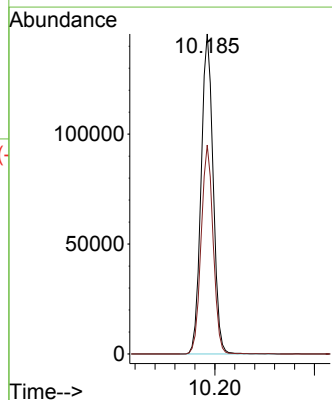
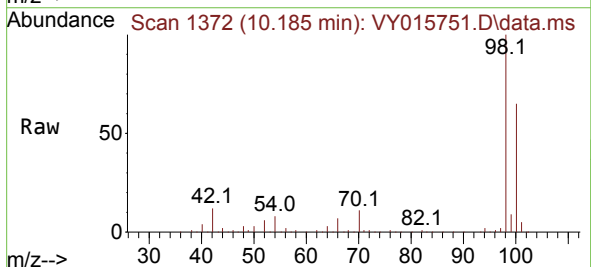


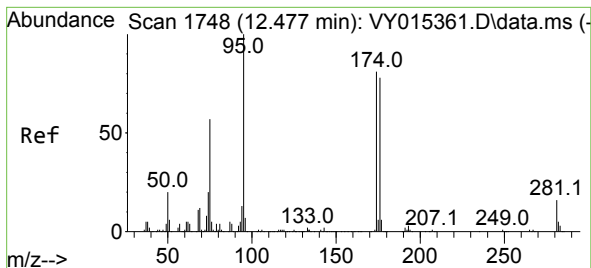
Tgt Ion:117 Resp: 11428
Ion Ratio Lower Upper
117 100
119 6.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 59.051 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015751.D
Acq: 28 Sep 2023 18:18

Tgt Ion: 98 Resp: 243554
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

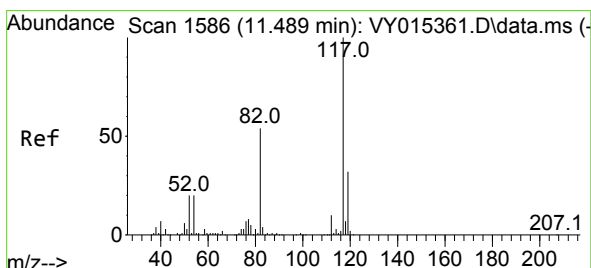
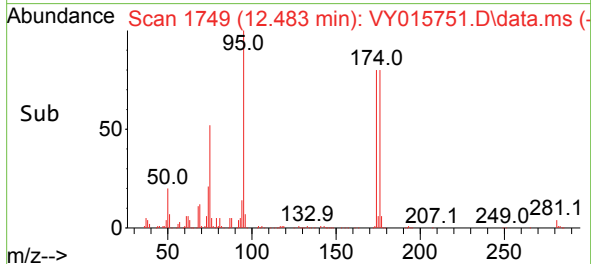
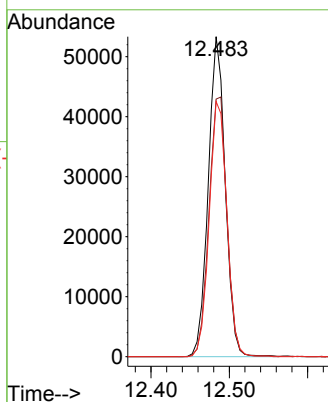
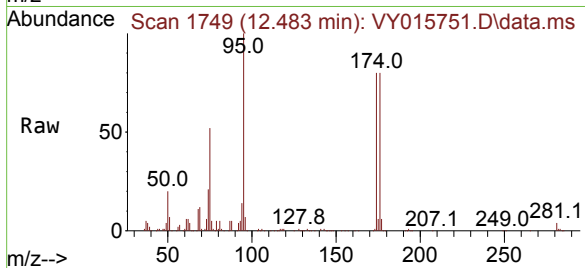




#62
4-Bromofluorobenzene
Concen: 49.640 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015751.D
Acq: 28 Sep 2023 18:18

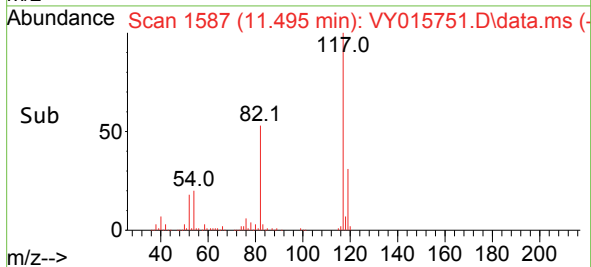
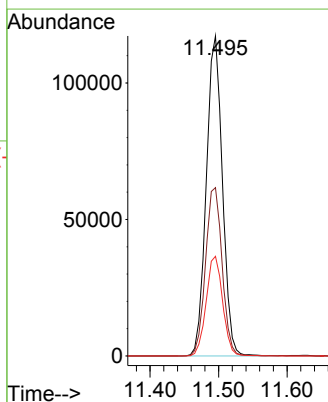
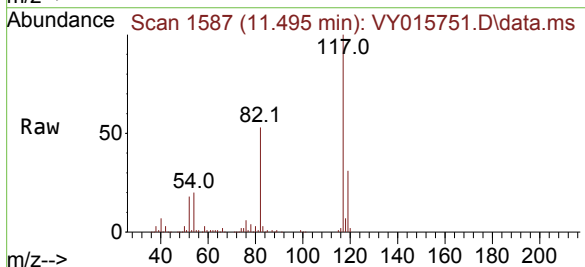
Instrument :
MSVOA_Y
ClientSampleId :

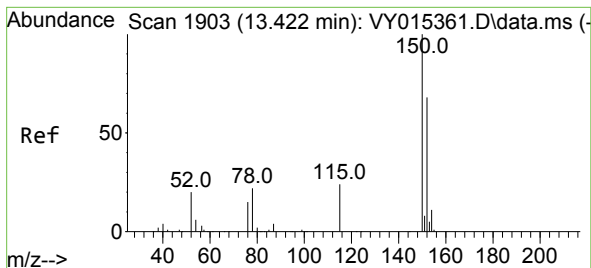
Tgt Ion: 95 Resp: 80346
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015751.D
Acq: 28 Sep 2023 18:18

Tgt Ion: 117 Resp: 191845
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 31.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015751.D

Acq: 28 Sep 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

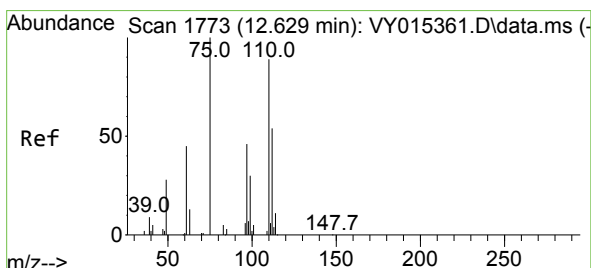
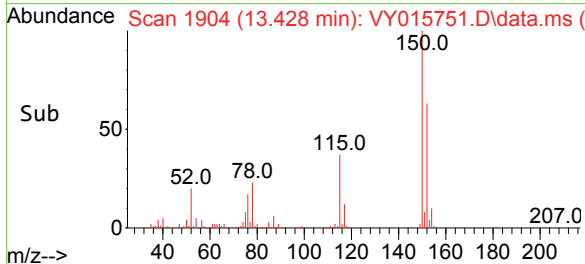
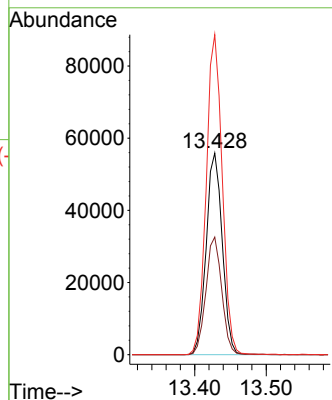
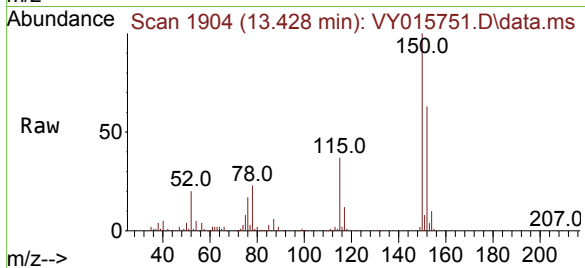
Tgt Ion:152 Resp: 87322

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 157.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 30.252 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015751.D

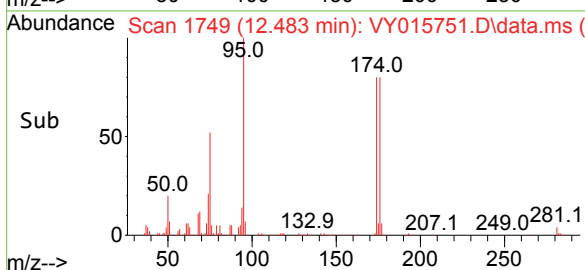
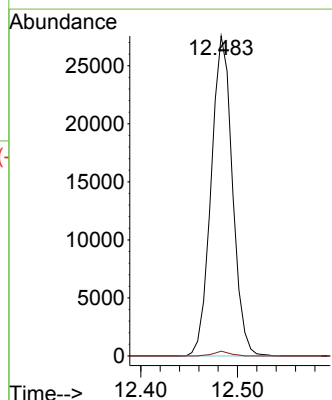
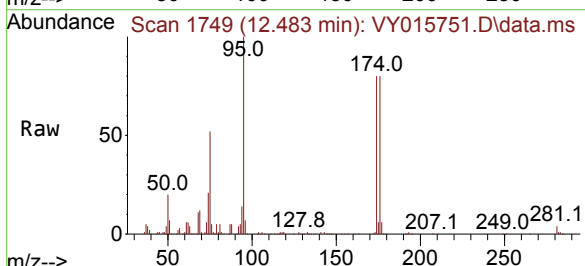
Acq: 28 Sep 2023 18:18

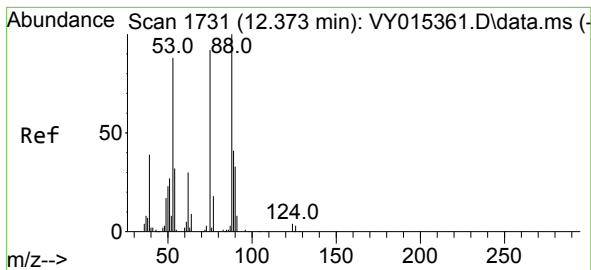
Tgt Ion: 75 Resp: 42144

Ion Ratio Lower Upper

75 100

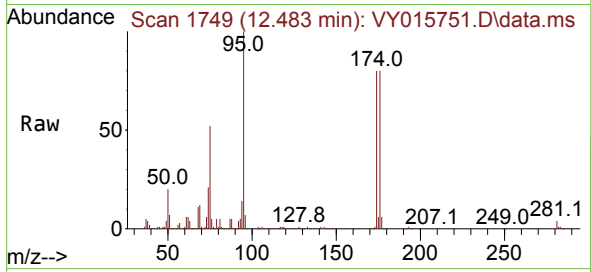
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.126 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015751.D
 Acq: 28 Sep 2023 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :



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

