

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015459.D
 Acq On : 07 Sep 2023 10:09
 Operator : SY/MD
 Sample : VY0907SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:05:41 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)

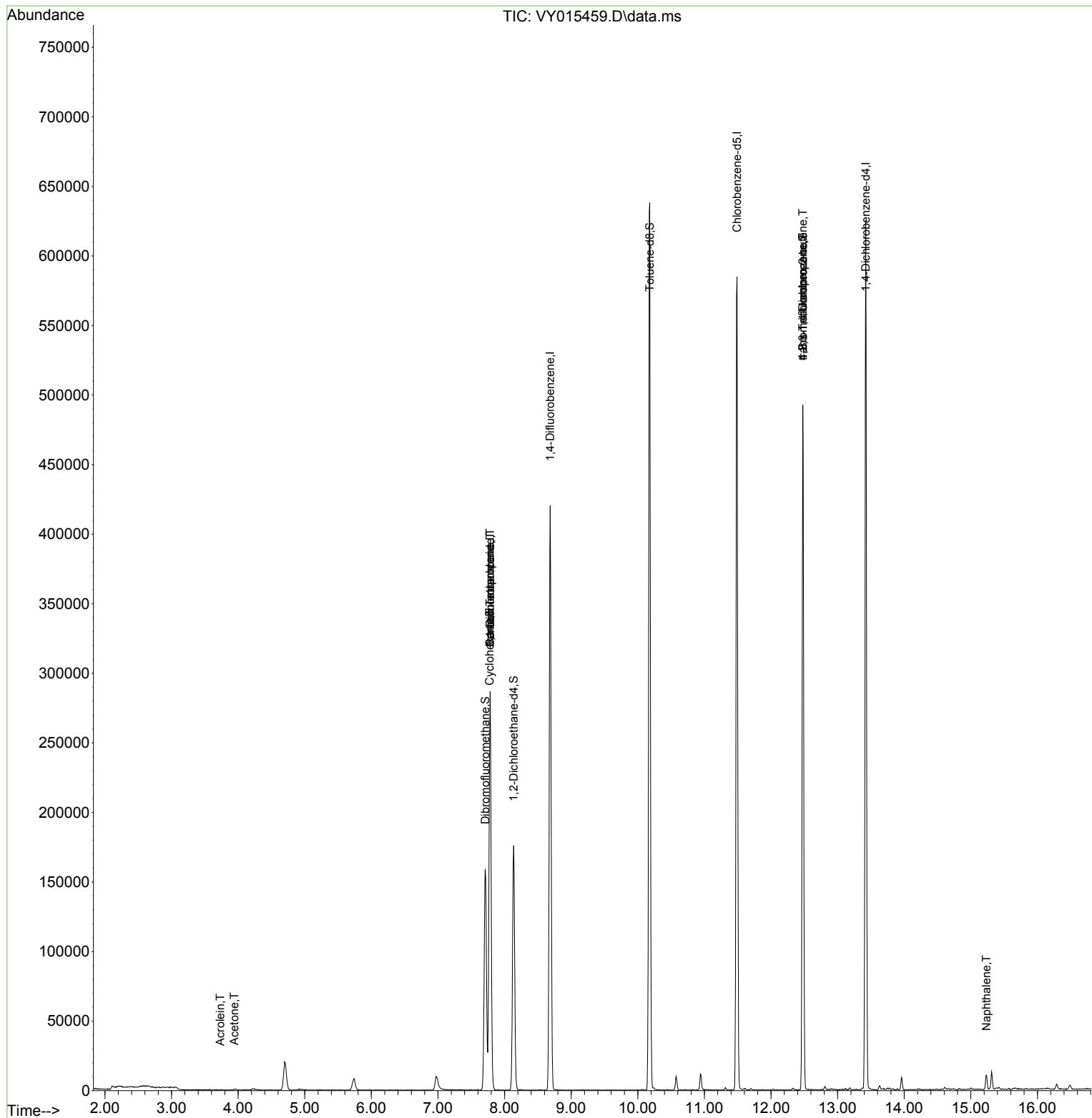
Internal Standards						
1) Pentafluorobenzene	7.783	168	219270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	361156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	325085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138136	58.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.540%	
35) Dibromofluoromethane	7.710	113	114170	54.885	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.760%	
50) Toluene-d8	10.179	98	420032	55.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.520%	
62) 4-Bromofluorobenzene	12.477	95	144721	51.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	312	Below Cal	#	89
13) Acrolein	3.729	56	25	11.682	ug/l #	14
16) Acetone	3.942	43	1276	1.301	ug/l	92
20) Methylene Chloride	4.704	84	15341	Below Cal		91
31) Cyclohexane	7.777	56	4460	1.068	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16782	4.595	ug/l #	50
38) Carbon Tetrachloride	7.783	117	21254	5.634	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	78741	37.942	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	78741	83.696	ug/l #	10
95) Naphthalene	15.233	128	9173	1.176	ug/l	99

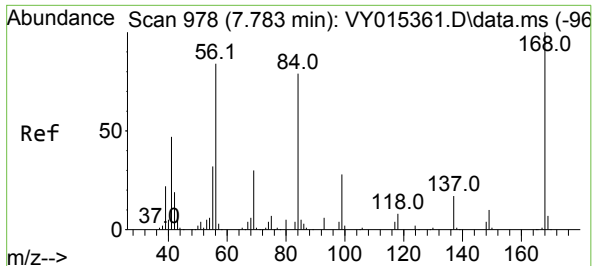
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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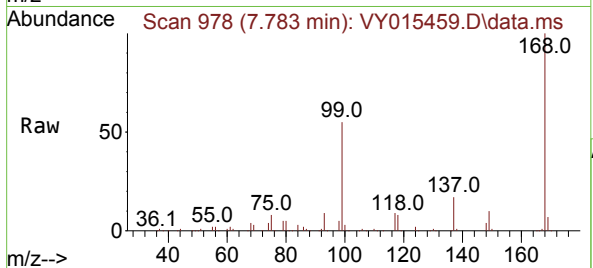
Quant Time: Sep 07 23:05:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



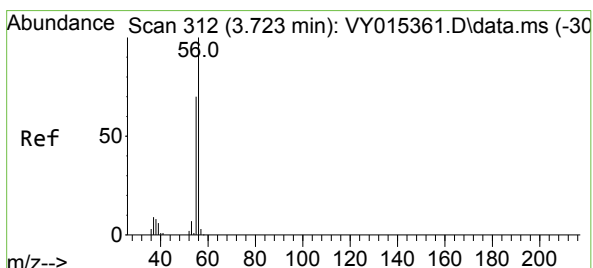
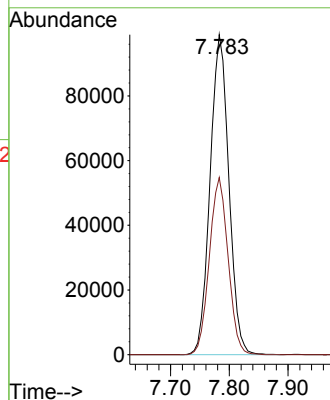
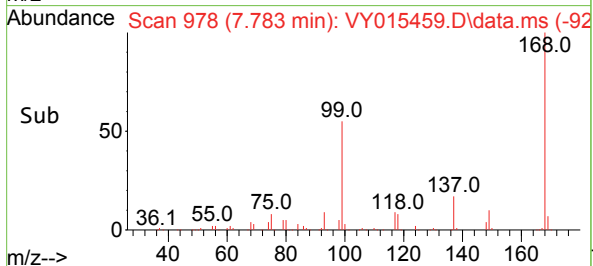


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015459.D
Acq: 07 Sep 2023 10:09

Instrument :
MSVOA_Y
ClientSampleId :

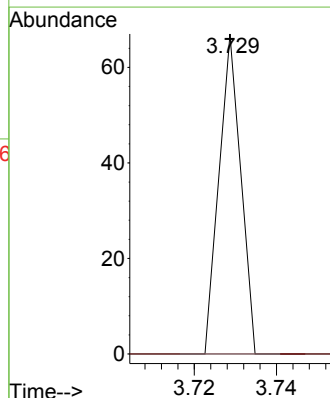
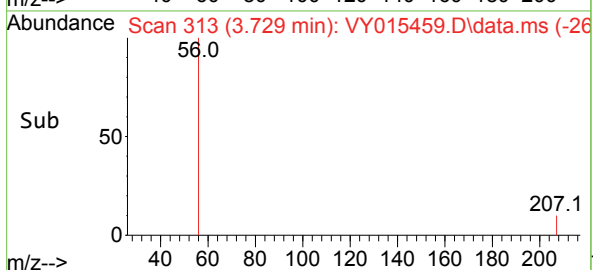
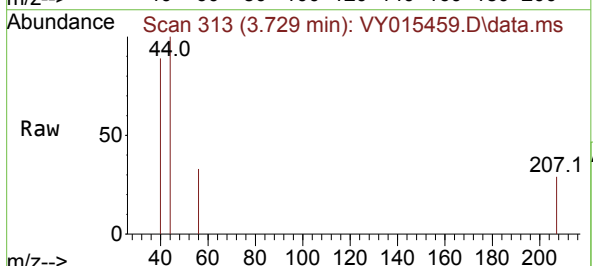


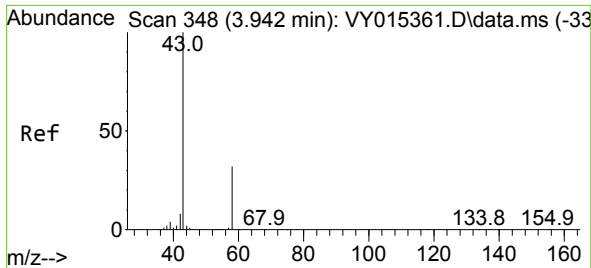
Tgt Ion:168 Resp: 219270
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#13
Acrolein
Concen: 11.682 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY015459.D
Acq: 07 Sep 2023 10:09

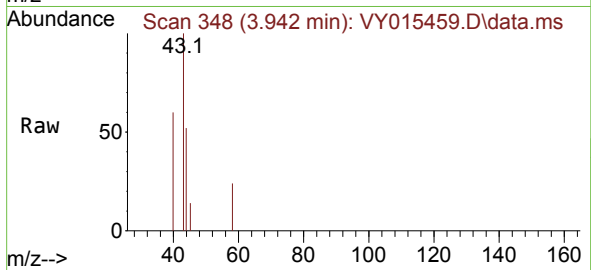
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



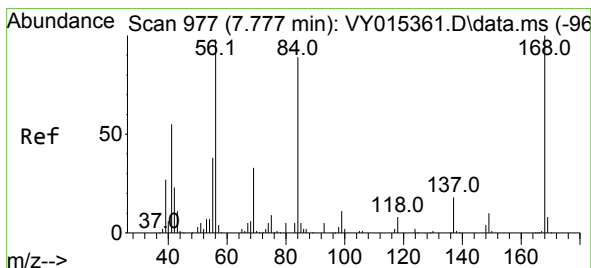
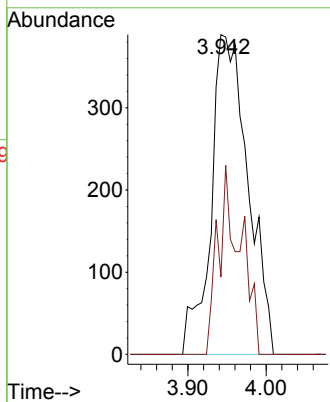
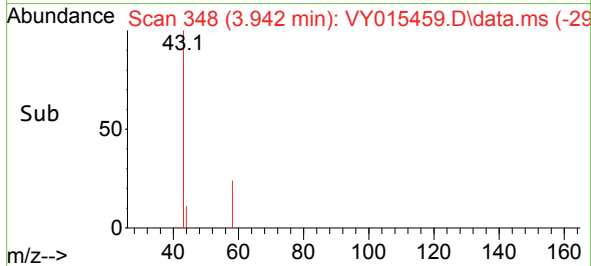


#16
Acetone
Concen: 1.301 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015459.D
Acq: 07 Sep 2023 10:09

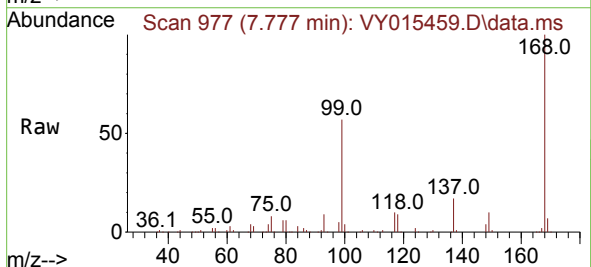
Instrument :
MSVOA_Y
ClientSampleId :



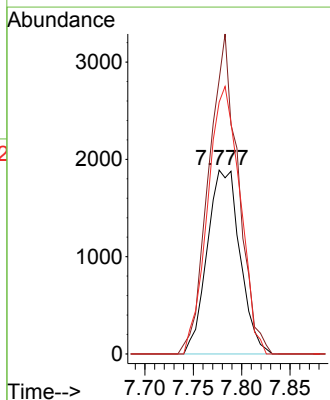
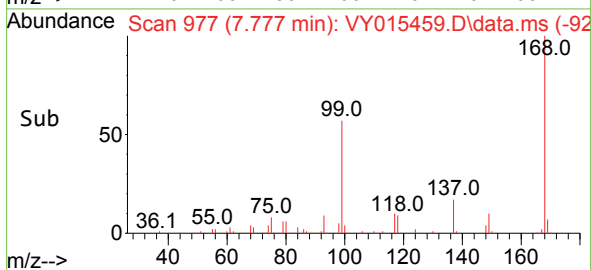
Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
58 24.2 22.7 34.1

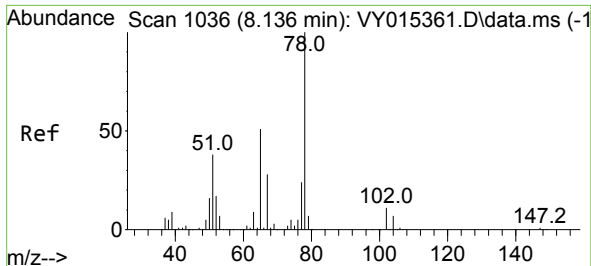


#31
Cyclohexane
Concen: 1.068 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY015459.D
Acq: 07 Sep 2023 10:09



Tgt Ion: 56 Resp: 4460
Ion Ratio Lower Upper
56 100
69 149.2 27.8 41.6#
84 137.0 66.4 99.6#

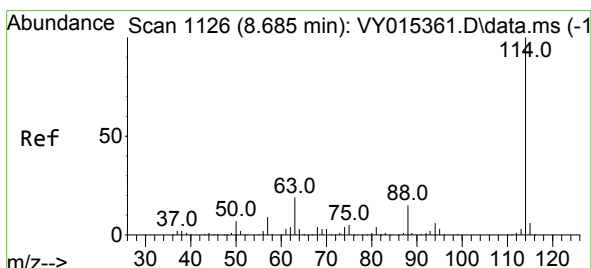
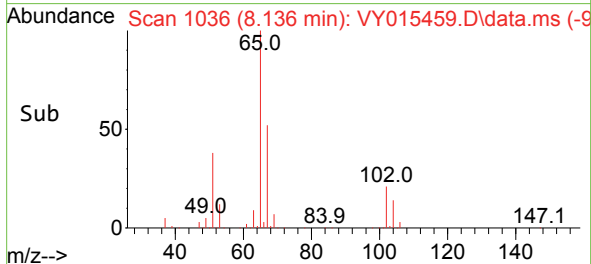
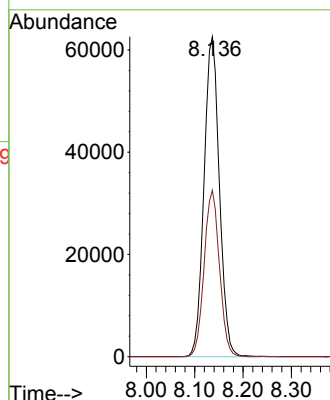
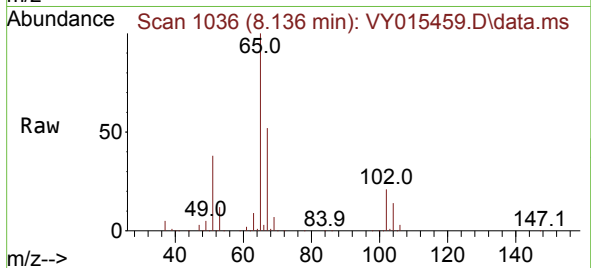




#33
 1,2-Dichloroethane-d4
 Concen: 58.768 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015459.D
 Acq: 07 Sep 2023 10:09

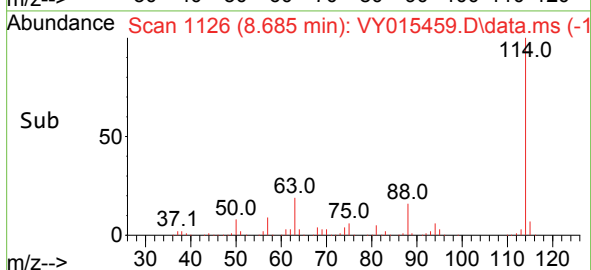
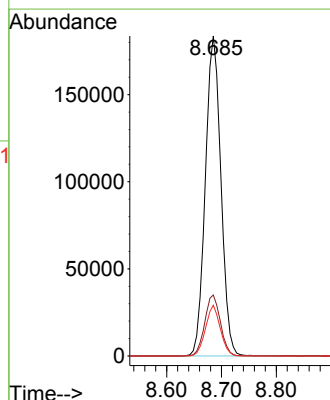
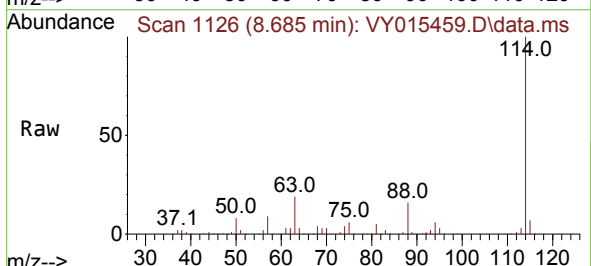
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 138136
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015459.D
 Acq: 07 Sep 2023 10:09

Tgt Ion:114 Resp: 361156
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.885 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.006 min

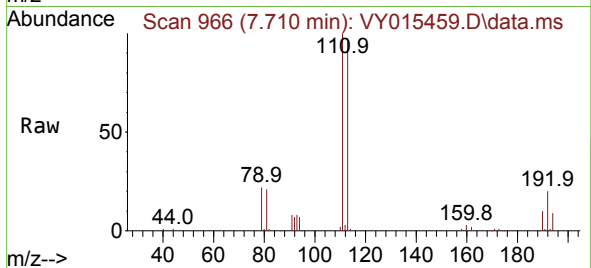
Lab File: VY015459.D

Acq: 07 Sep 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :



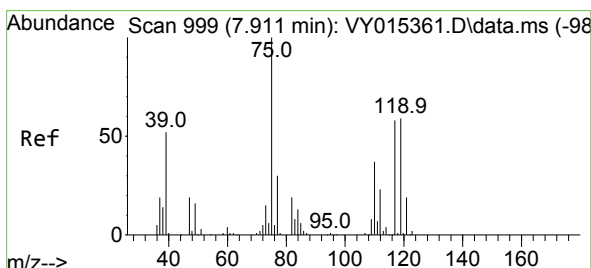
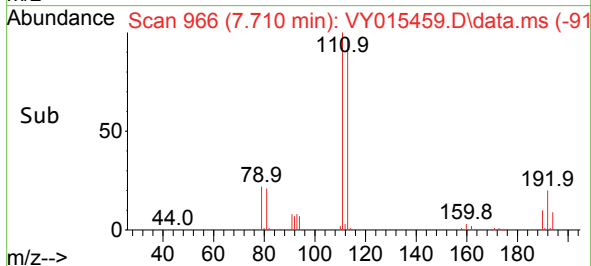
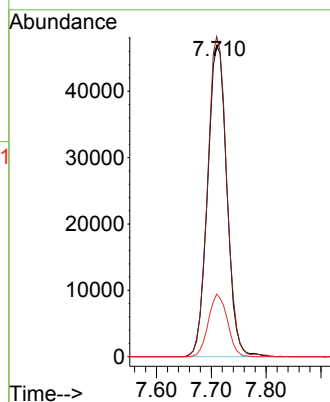
Tgt Ion:113 Resp: 114170

Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 19.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.595 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY015459.D

Acq: 07 Sep 2023 10:09

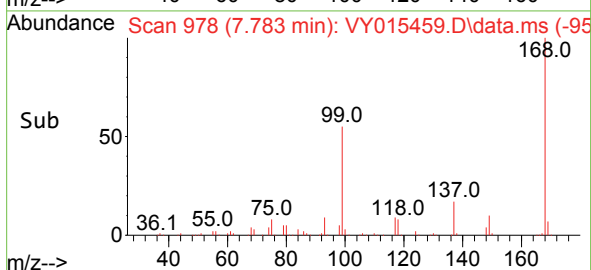
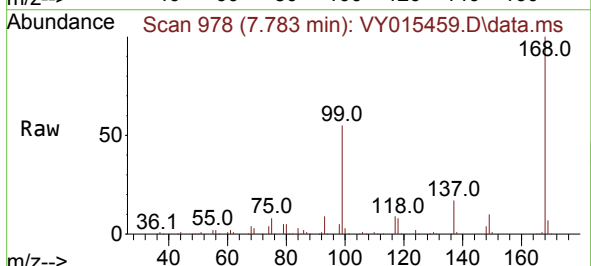
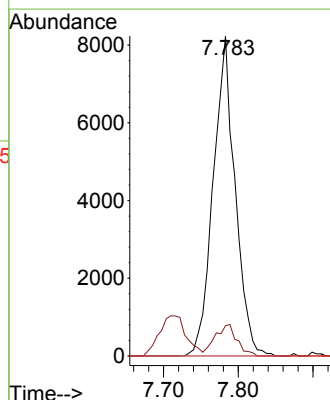
Tgt Ion: 75 Resp: 16782

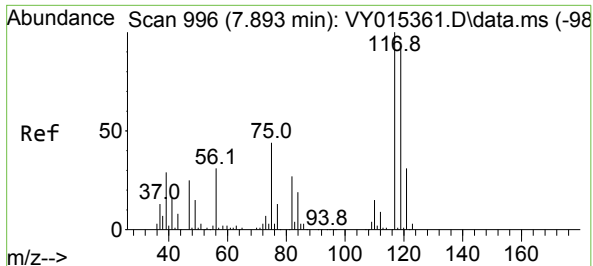
Ion Ratio Lower Upper

75 100

110 9.8 17.8 53.5#

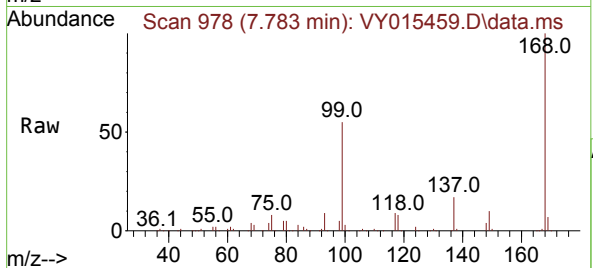
77 0.0 24.4 36.6#



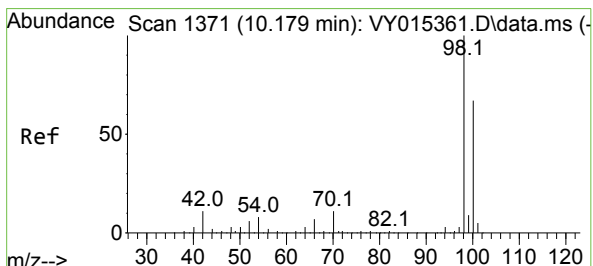
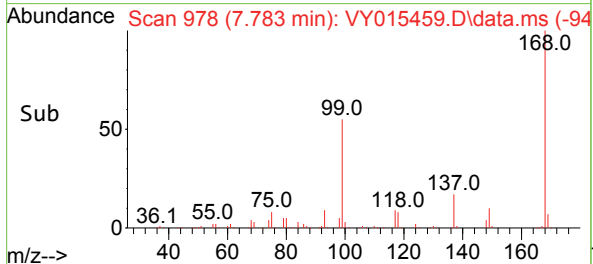
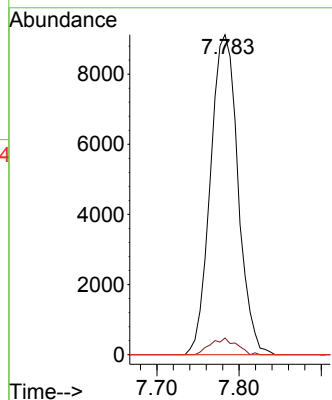


#38
Carbon Tetrachloride
Concen: 5.634 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015459.D
Acq: 07 Sep 2023 10:09

Instrument :
MSVOA_Y
ClientSampleId :

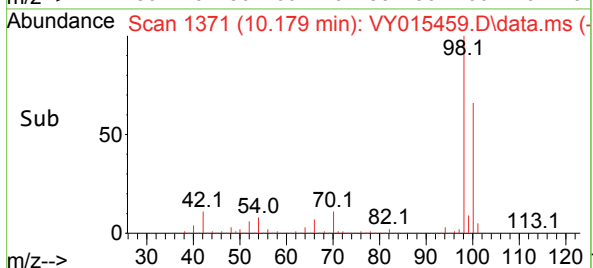
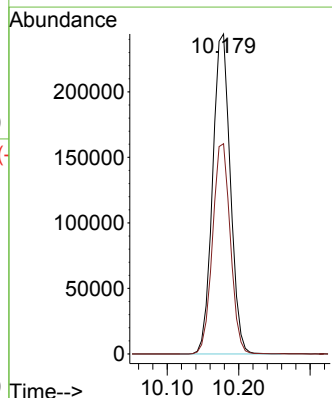
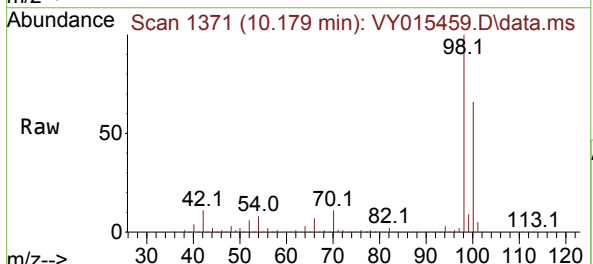


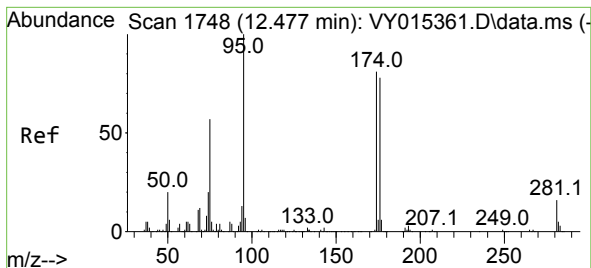
Tgt Ion:117 Resp: 21254
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.758 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015459.D
Acq: 07 Sep 2023 10:09

Tgt Ion: 98 Resp: 420032
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

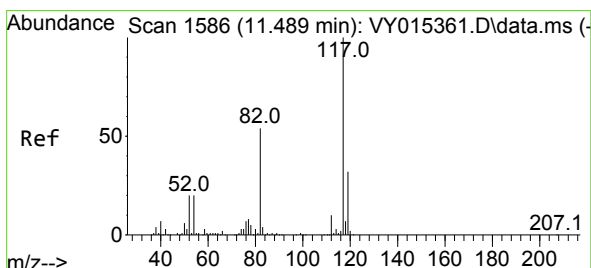
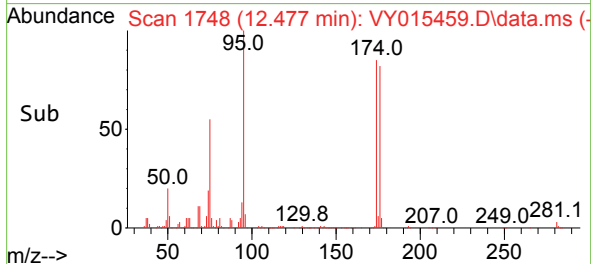
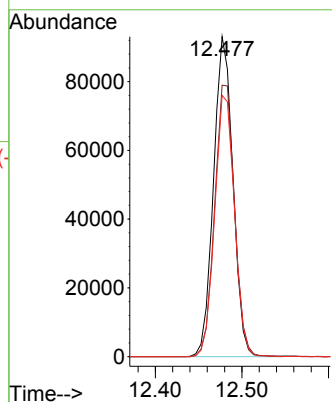
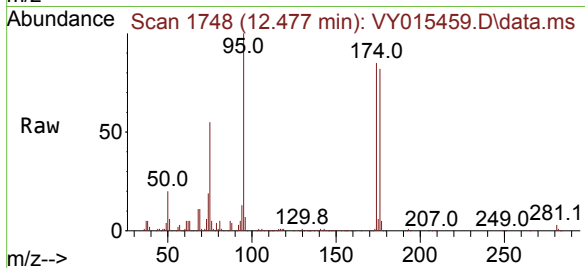




#62
4-Bromofluorobenzene
Concen: 51.750 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015459.D
Acq: 07 Sep 2023 10:09

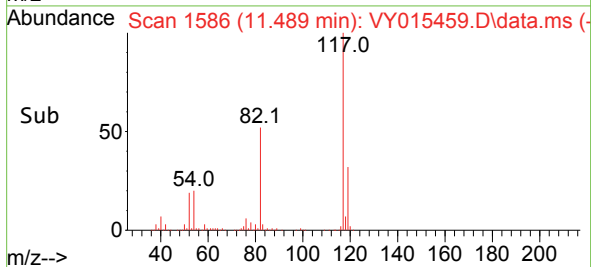
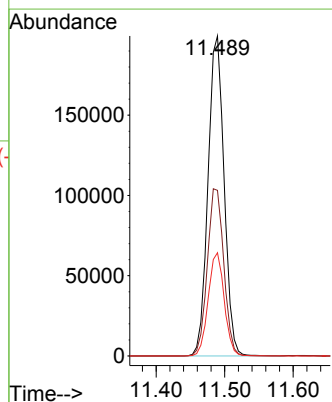
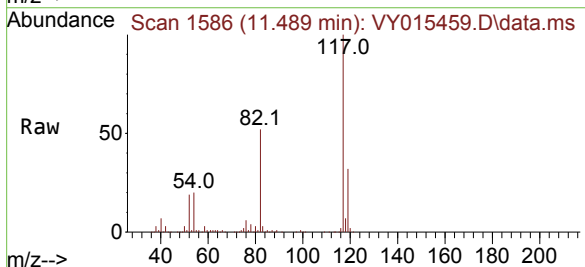
Instrument :
MSVOA_Y
ClientSampleId :

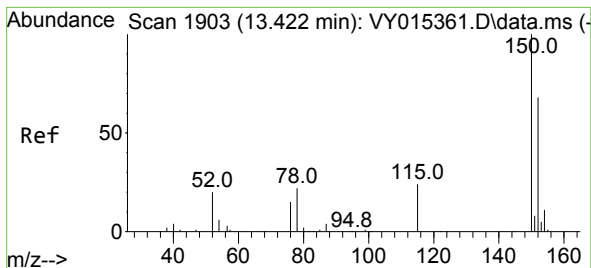
Tgt Ion: 95 Resp: 144721
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015459.D
Acq: 07 Sep 2023 10:09

Tgt Ion: 117 Resp: 325085
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

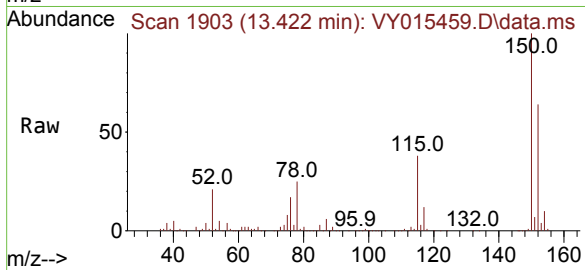
Lab File: VY015459.D

Acq: 07 Sep 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :



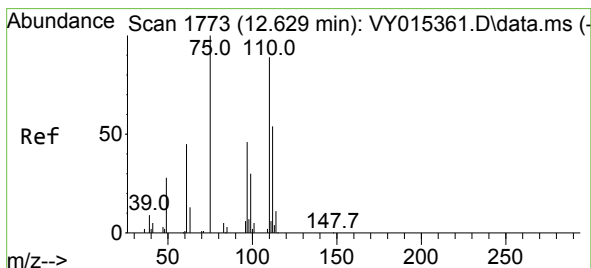
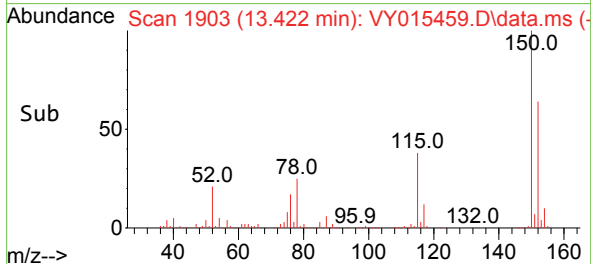
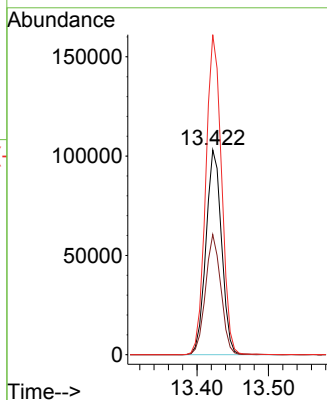
Tgt Ion:152 Resp: 156496

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 157.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.942 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015459.D

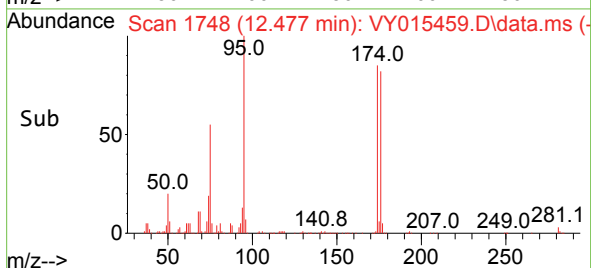
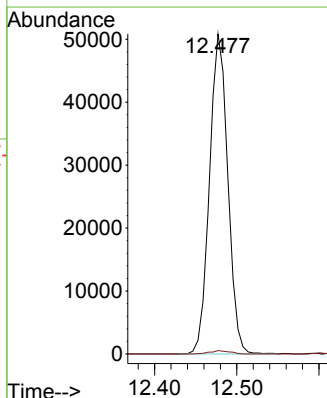
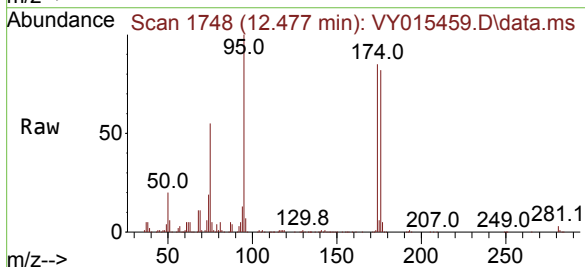
Acq: 07 Sep 2023 10:09

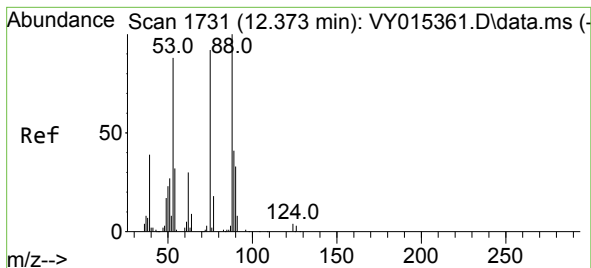
Tgt Ion: 75 Resp: 78741

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

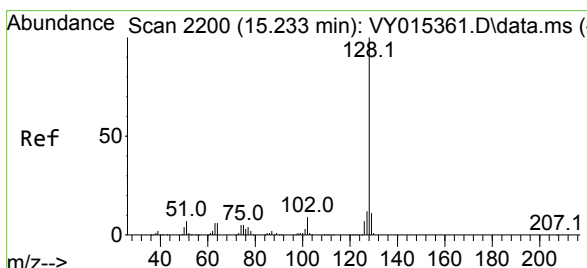
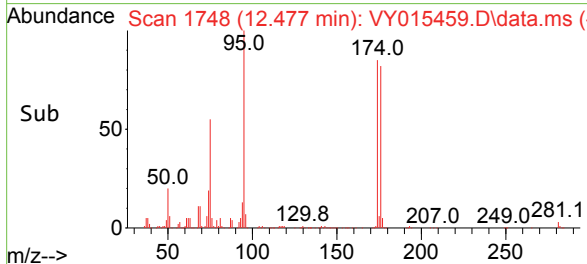
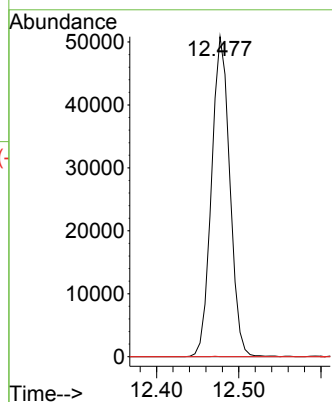
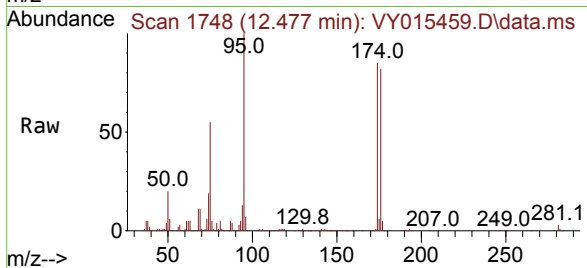




#81
trans-1,4-Dichloro-2-butene
Concen: 83.696 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY015459.D
Acq: 07 Sep 2023 10:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 78741
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.176 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015459.D
Acq: 07 Sep 2023 10:09

Tgt Ion: 128 Resp: 9173
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.8 8.6 13.0

