

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015501.D
 Acq On : 11 Sep 2023 20:49
 Operator : SY/MD
 Sample : 04351-01
 Misc : 4.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:23:10 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)

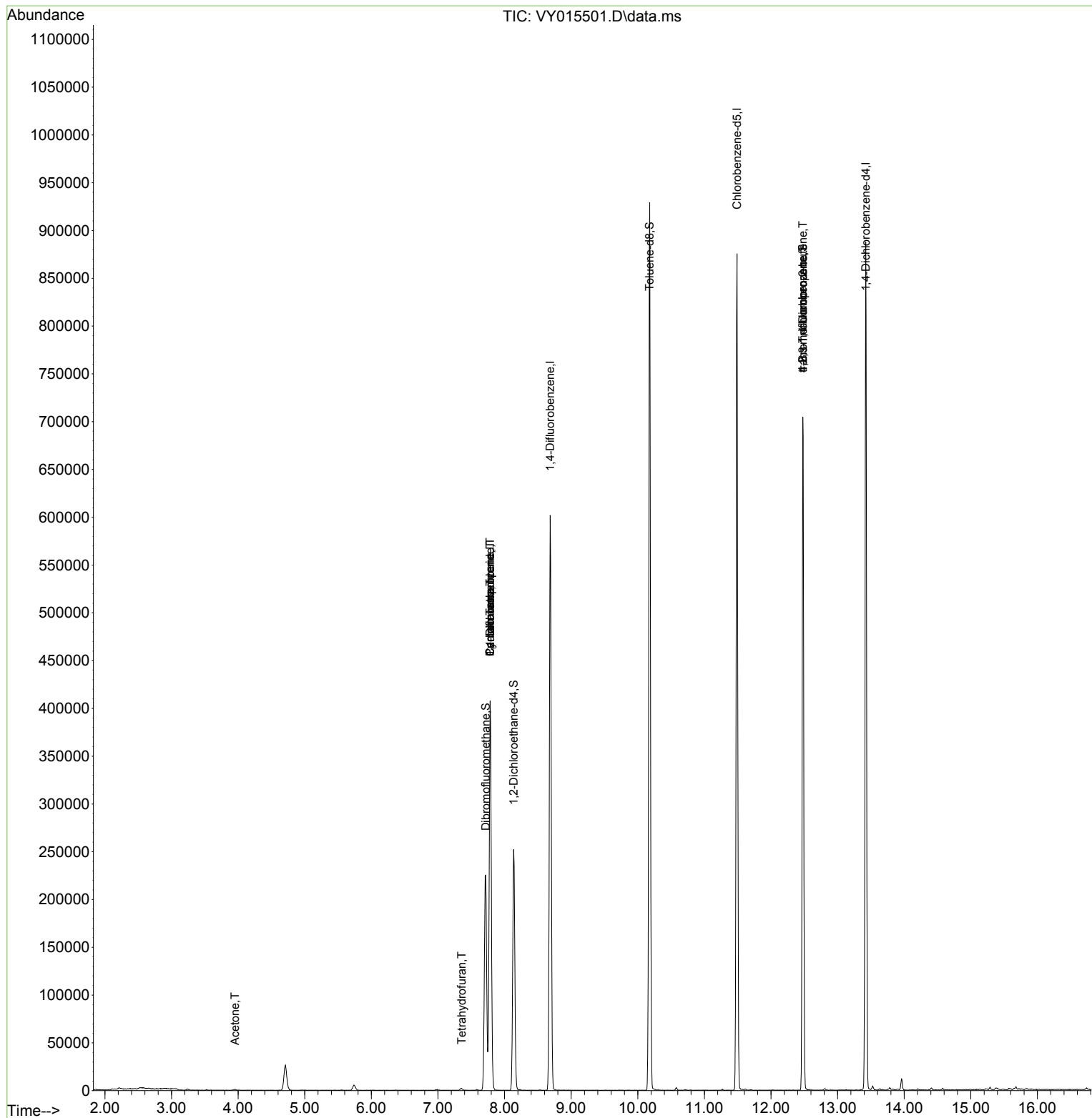
Internal Standards						
1) Pentafluorobenzene	7.783	168	313024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	514655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	465973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	196562	58.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.160%	
35) Dibromofluoromethane	7.716	113	161332	54.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.840%	
50) Toluene-d8	10.179	98	604852	56.345	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.680%	
62) 4-Bromofluorobenzene	12.477	95	207889	52.166	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	282	Below Cal	#	89
16) Acetone	3.954	43	1649	1.177	ug/l #	88
20) Methylene Chloride	4.710	84	19904	Below Cal		89
29) Tetrahydrofuran	7.356	42	1485	1.190	ug/l	93
31) Cyclohexane	7.783	56	6580	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	23170	4.452	ug/l #	50
38) Carbon Tetrachloride	7.783	117	30768	5.723	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	112078	37.784	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	112078	83.347	ug/l #	10

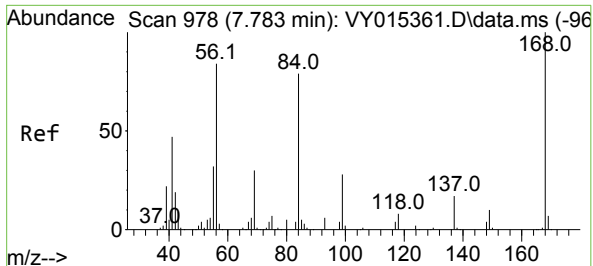
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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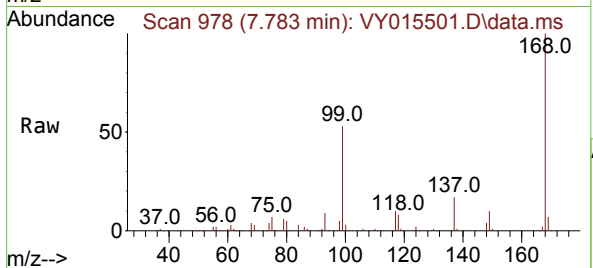
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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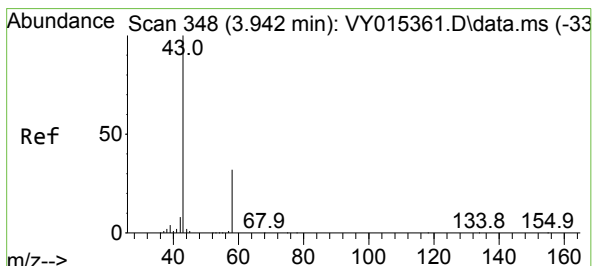
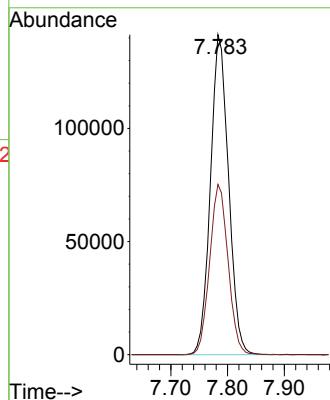
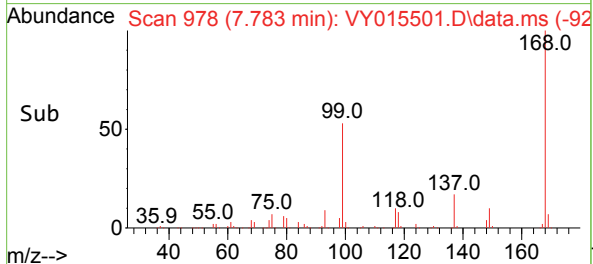


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015501.D
Acq: 11 Sep 2023 20:49

Instrument :
MSVOA_Y
ClientSampleId :

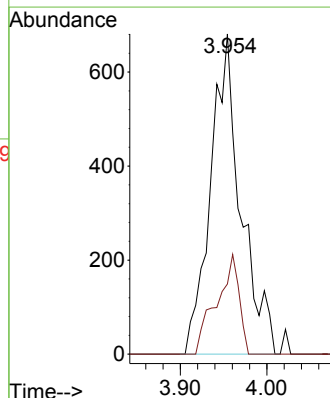
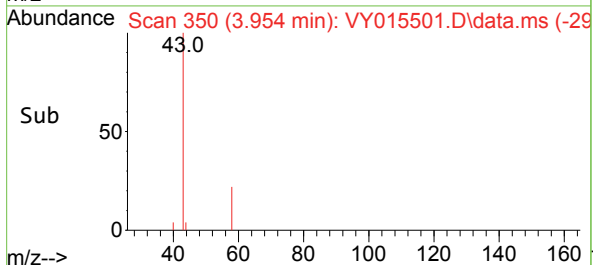
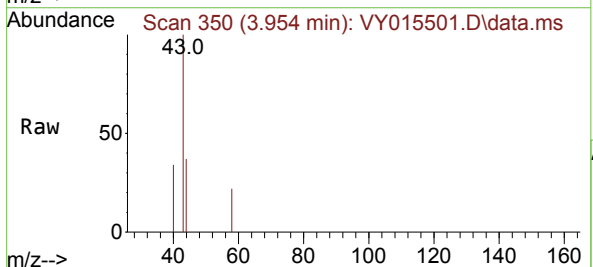


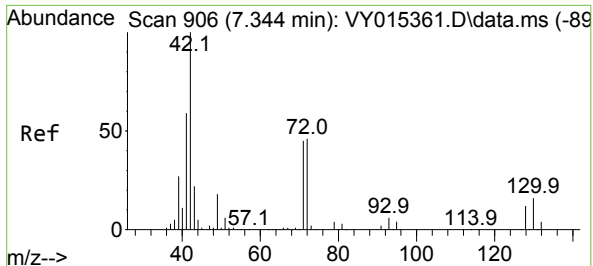
Tgt Ion:168 Resp: 313024
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#16
Acetone
Concen: 1.177 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015501.D
Acq: 11 Sep 2023 20:49

Tgt Ion: 43 Resp: 1649
Ion Ratio Lower Upper
43 100
58 21.9 22.7 34.1#





#29

Tetrahydrofuran

Concen: 1.190 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

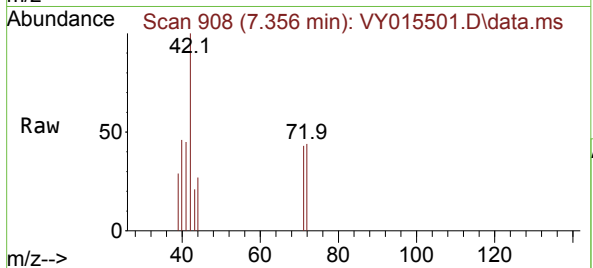
Lab File: VY015501.D

Acq: 11 Sep 2023 20:49

Instrument :

MSVOA_Y

ClientSampleId :



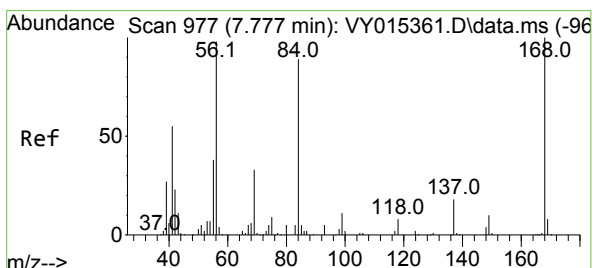
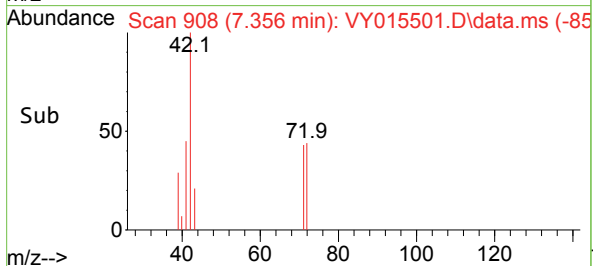
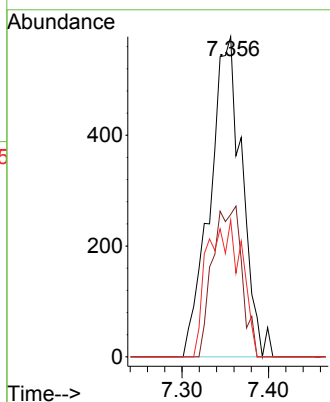
Tgt Ion: 42 Resp: 1485

Ion Ratio Lower Upper

42 100

72 42.9 32.8 49.2

71 45.7 31.0 46.4



#31

Cyclohexane

Concen: 1.104 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY015501.D

Acq: 11 Sep 2023 20:49

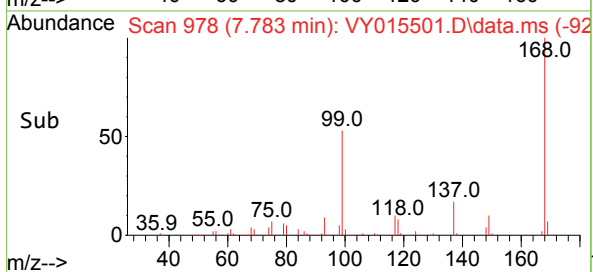
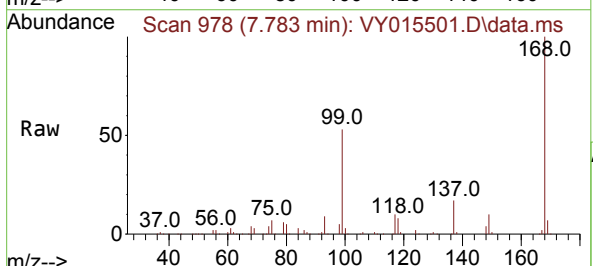
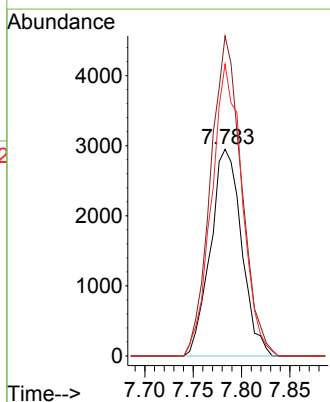
Tgt Ion: 56 Resp: 6580

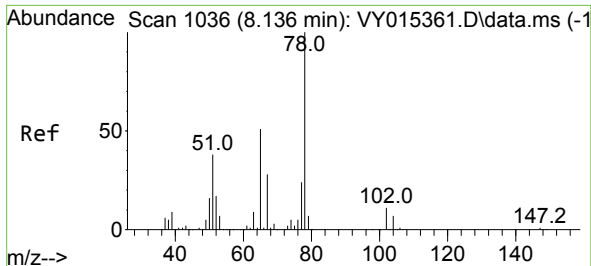
Ion Ratio Lower Upper

56 100

69 154.8 27.8 41.6#

84 141.2 66.4 99.6#

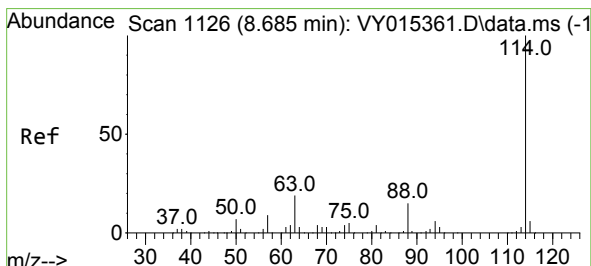
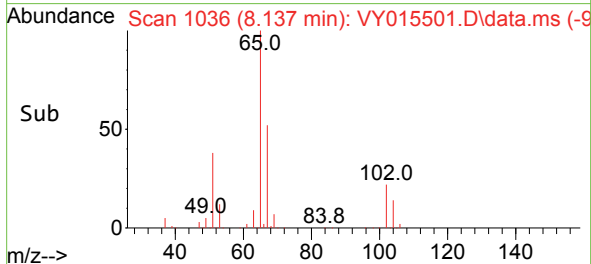
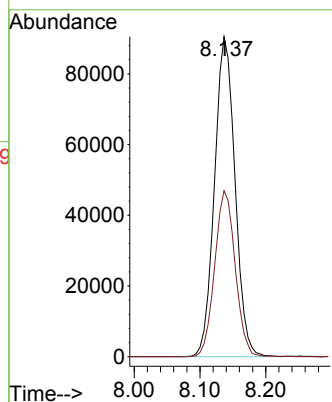
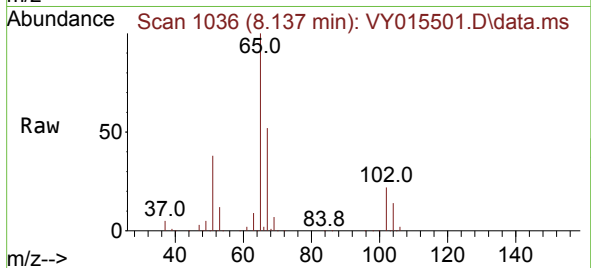




#33
 1,2-Dichloroethane-d4
 Concen: 58.578 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015501.D
 Acq: 11 Sep 2023 20:49

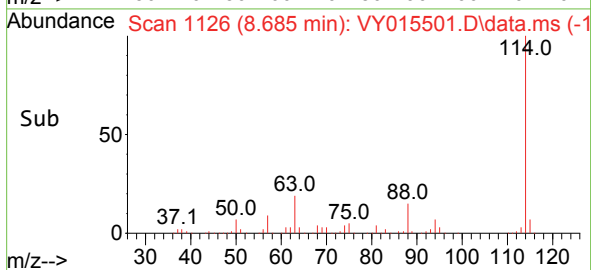
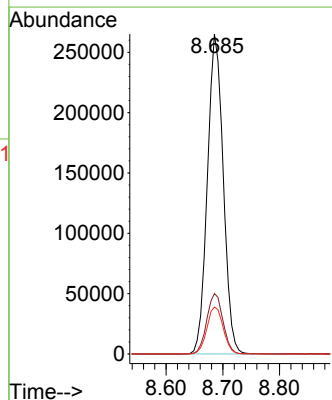
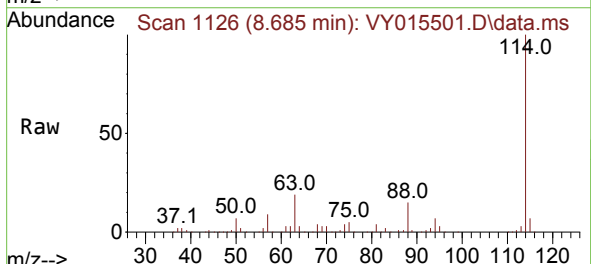
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 196562
 Ion Ratio Lower Upper
 65 100
 67 51.9 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: VY015501.D
 Acq: 11 Sep 2023 20:49

Tgt Ion: 114 Resp: 514655
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 14.7 0.0 30.6

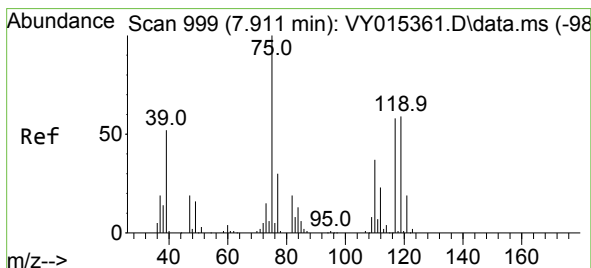
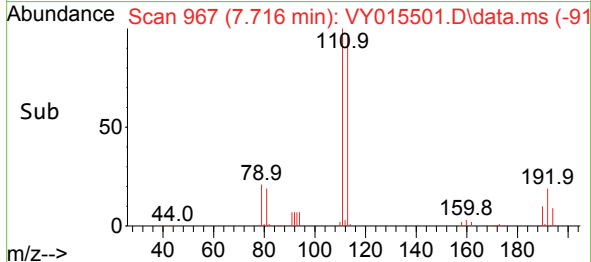
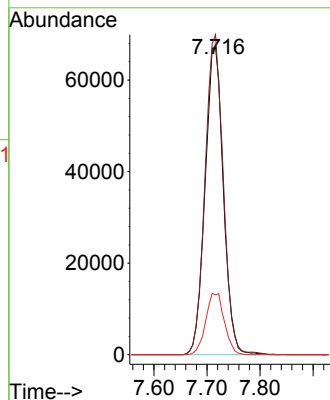
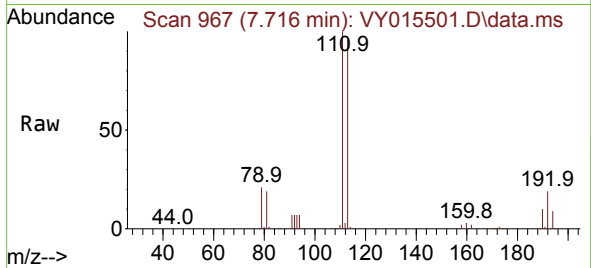




#35
Dibromofluoromethane
Concen: 54.425 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015501.D
Acq: 11 Sep 2023 20:49

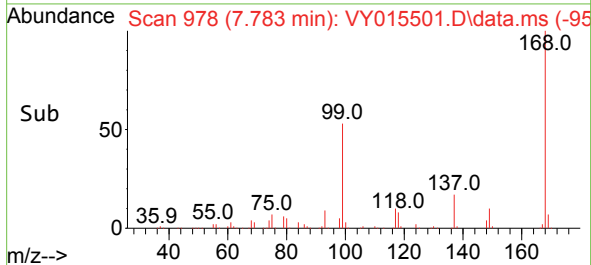
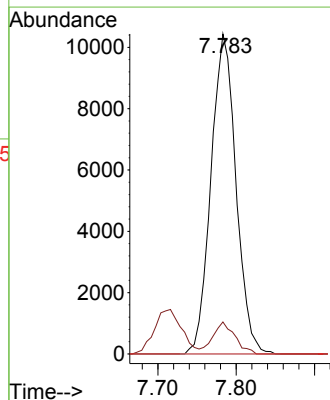
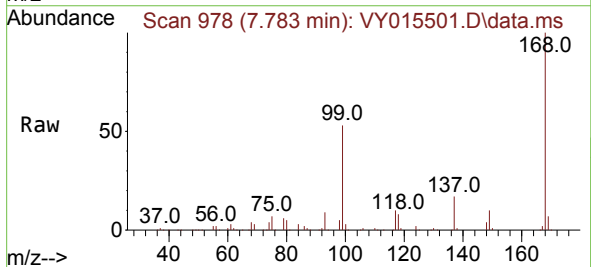
Instrument :
MSVOA_Y
ClientSampleId :

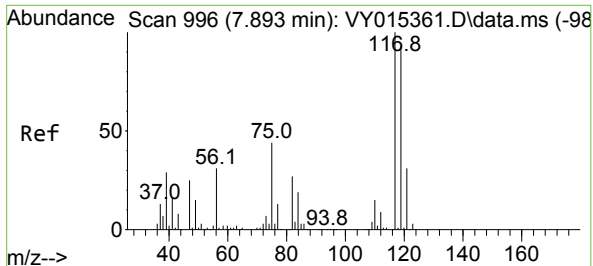
Tgt Ion:113 Resp: 161332
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.452 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015501.D
Acq: 11 Sep 2023 20:49

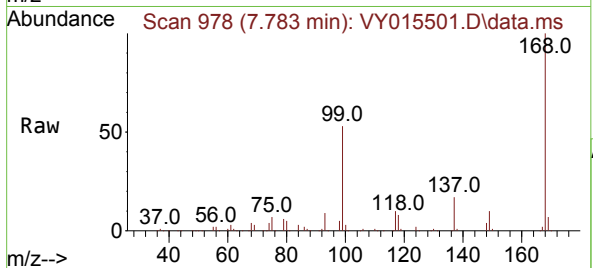
Tgt Ion: 75 Resp: 23170
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#



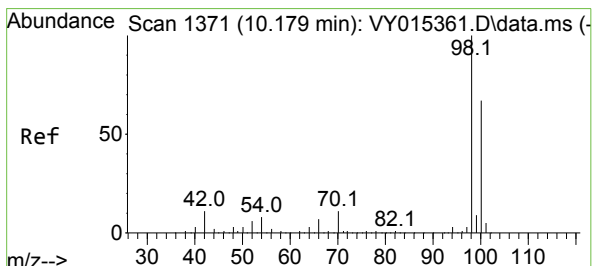
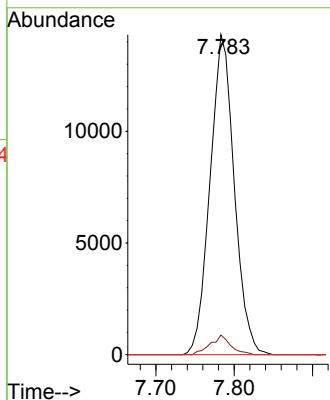
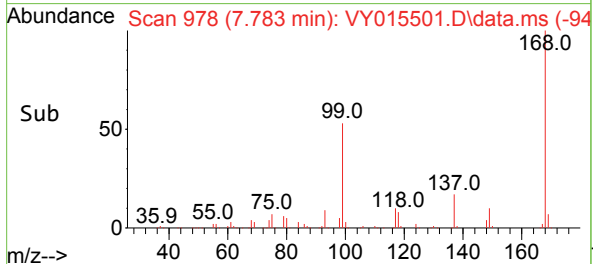


#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015501.D
Acq: 11 Sep 2023 20:49

Instrument :
MSVOA_Y
ClientSampleId :

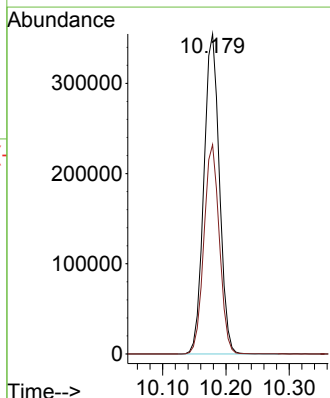
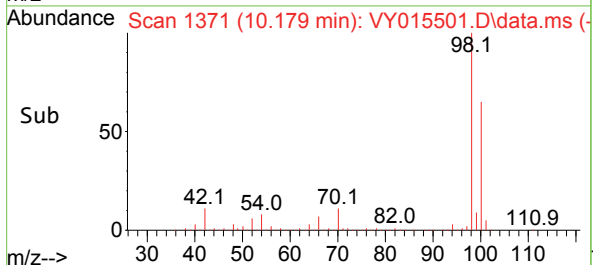
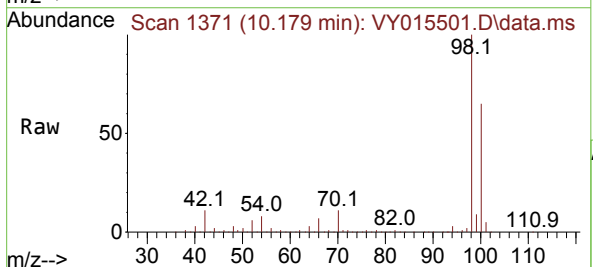


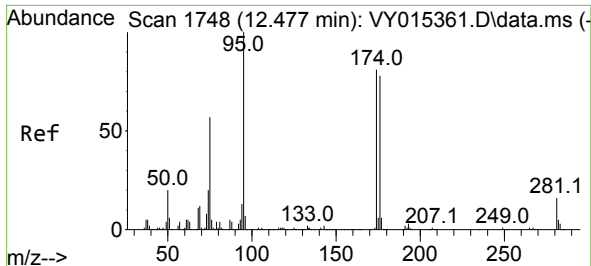
Tgt Ion:117 Resp: 30768
Ion Ratio Lower Upper
117 100
119 6.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.345 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015501.D
Acq: 11 Sep 2023 20:49

Tgt Ion: 98 Resp: 604852
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

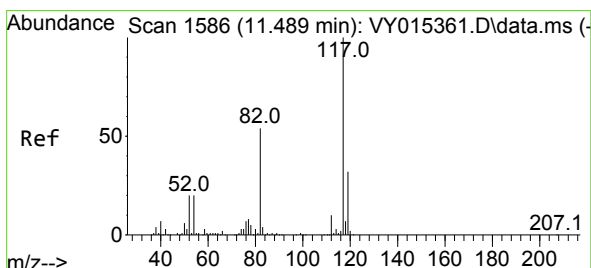
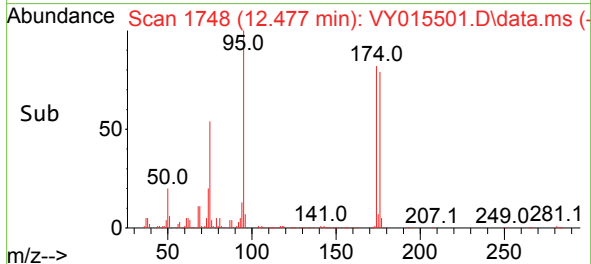
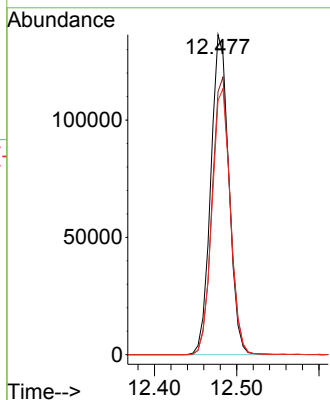
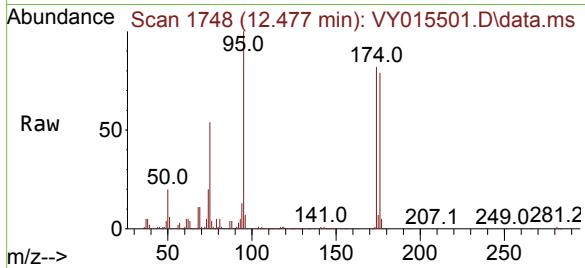




#62
4-Bromofluorobenzene
Concen: 52.166 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015501.D
Acq: 11 Sep 2023 20:49

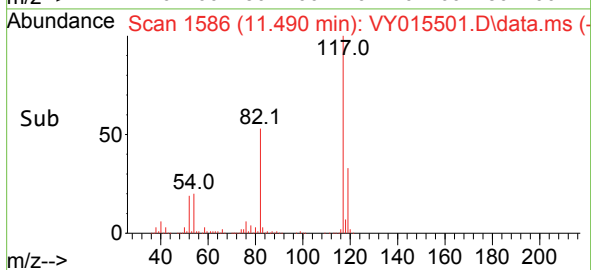
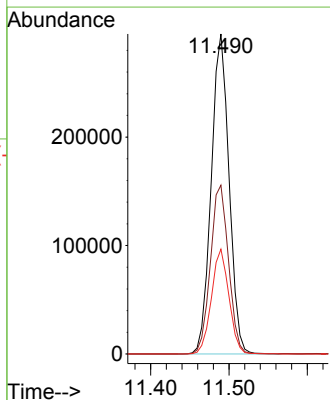
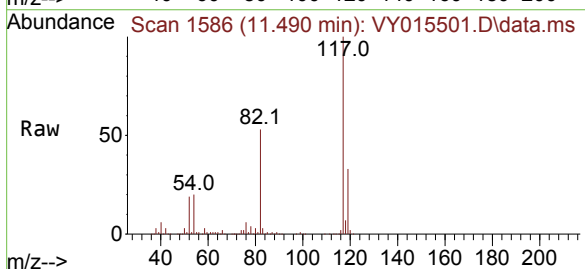
Instrument :
MSVOA_Y
ClientSampleId :

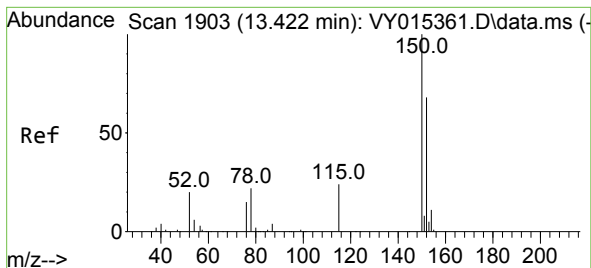
Tgt Ion: 95 Resp: 207889
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 84.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015501.D
Acq: 11 Sep 2023 20:49

Tgt Ion: 117 Resp: 465973
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.8 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: VY015501.D

Acq: 11 Sep 2023 20:49

Instrument :

MSVOA_Y

ClientSampleId :

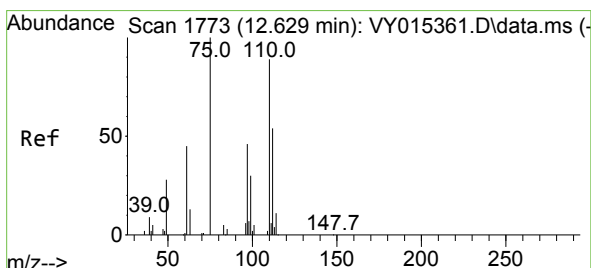
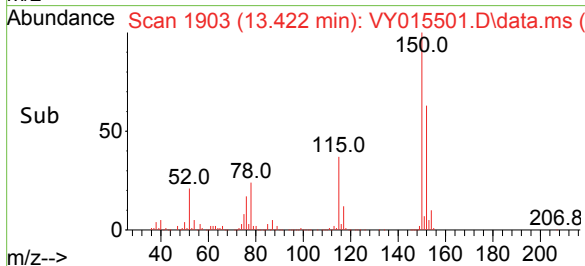
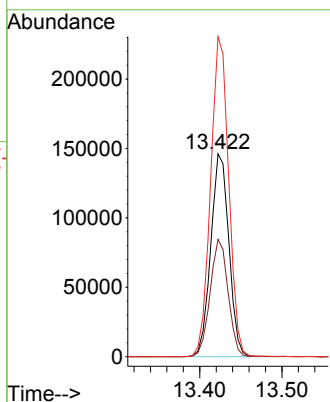
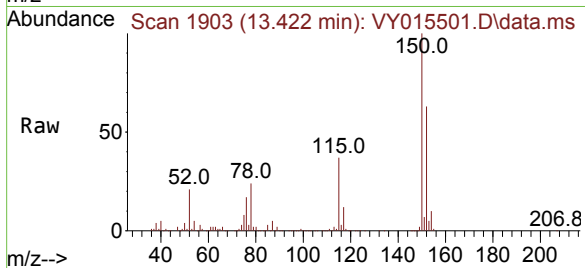
Tgt Ion:152 Resp: 223685

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 157.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.784 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015501.D

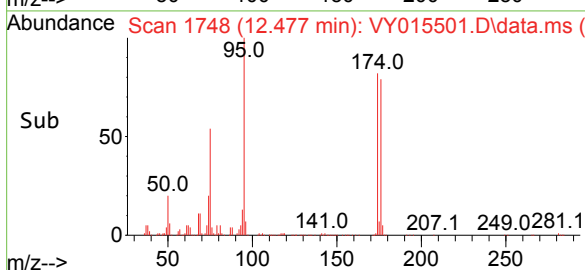
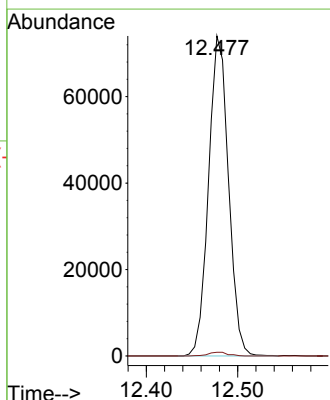
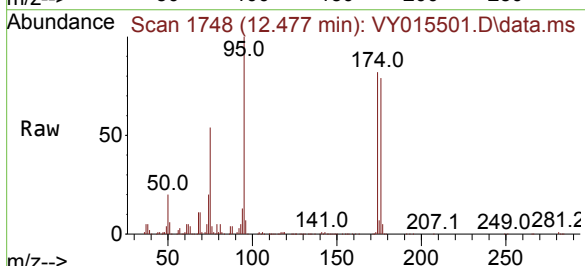
Acq: 11 Sep 2023 20:49

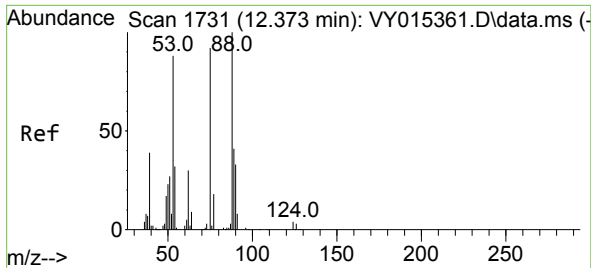
Tgt Ion: 75 Resp: 112078

Ion Ratio Lower Upper

75 100

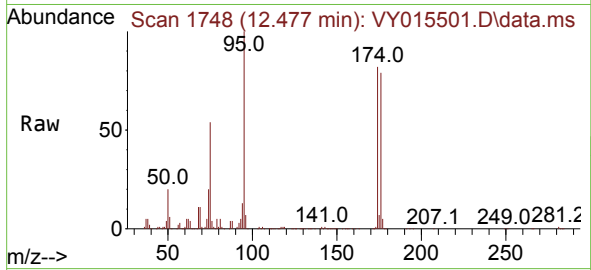
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.347 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015501.D
 Acq: 11 Sep 2023 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 112078
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

