

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014609.D
 Acq On : 10 Jul 2023 11:19
 Operator : SY/MD
 Sample : VY0710SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 03:14:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

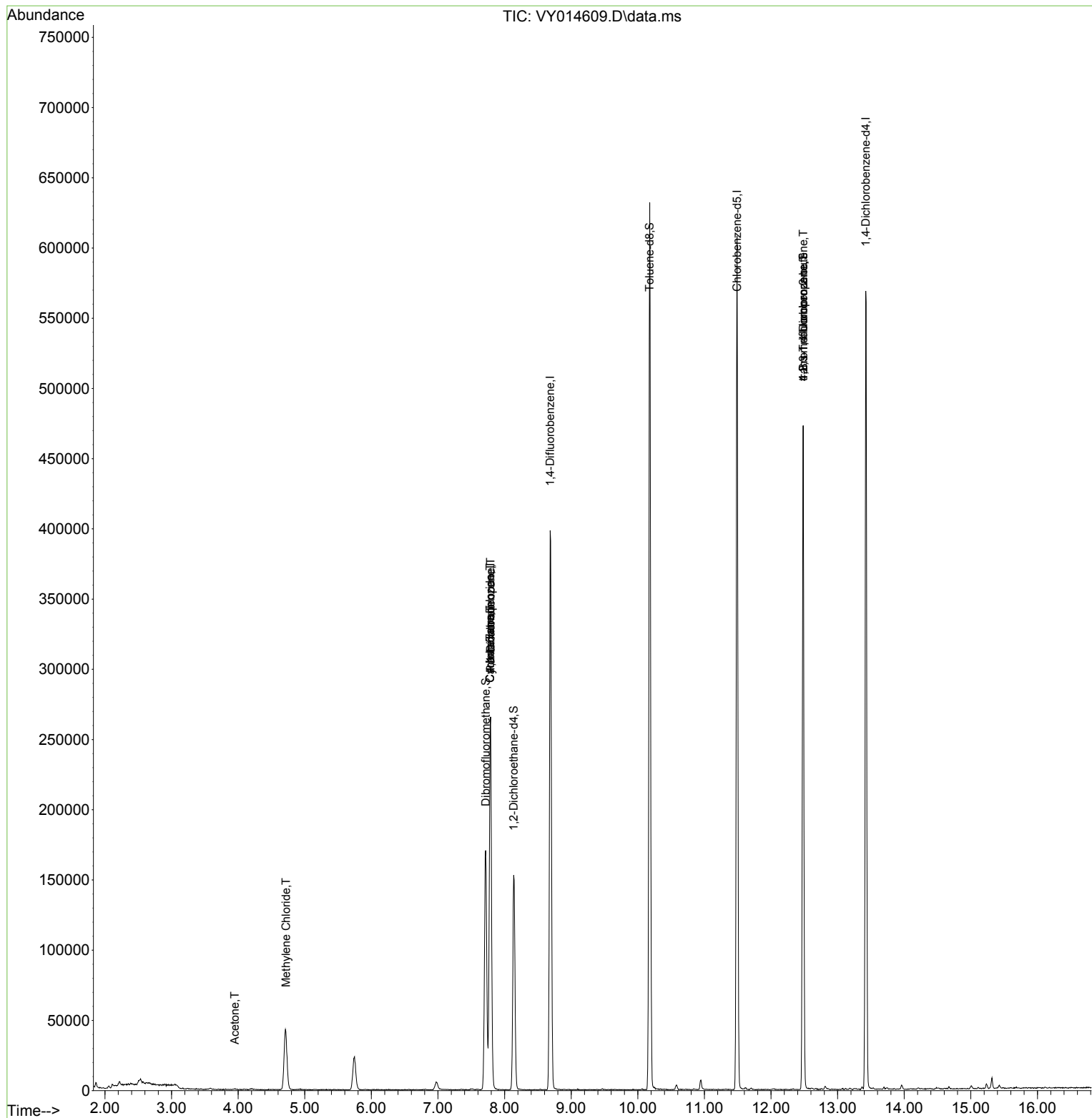
Internal Standards						
1) Pentafluorobenzene	7.789	168	229383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	360811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123388	54.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.140%	
35) Dibromofluoromethane	7.716	113	121853	54.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.680%	
50) Toluene-d8	10.179	98	436089	49.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.483	95	138639	45.456	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	381	Below Cal	#	89
16) Acetone	3.948	43	985	1.382	ug/l #	74
20) Methylene Chloride	4.716	84	34990	9.394	ug/l #	82
31) Cyclohexane	7.783	56	3830	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15244	4.480	ug/l #	50
38) Carbon Tetrachloride	7.783	117	18968	5.340	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	65401	34.556	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65401	67.259	ug/l #	11

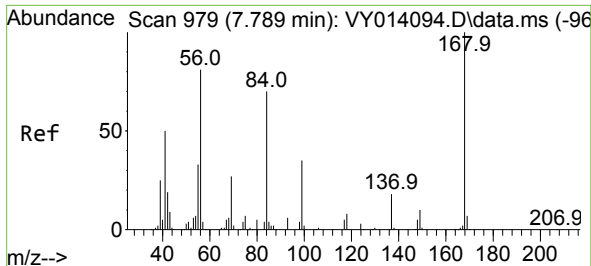
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
Data File : VY014609.D
Acq On : 10 Jul 2023 11:19
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

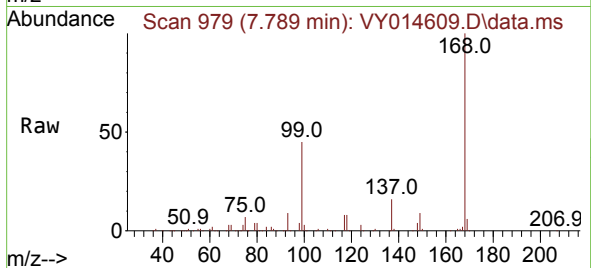
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration



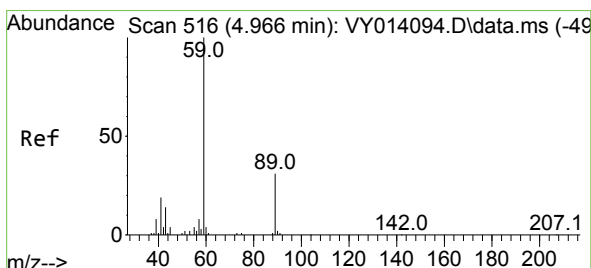
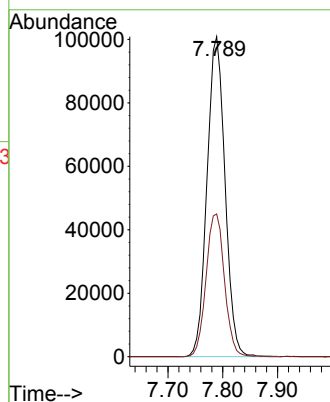
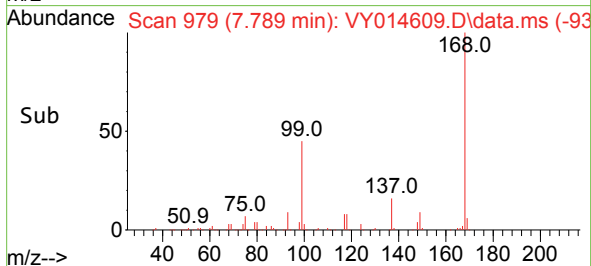


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

Instrument :
MSVOA_Y
ClientSampleId :

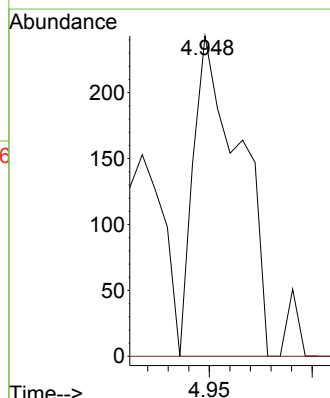
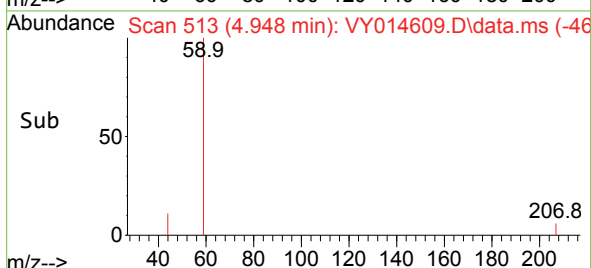
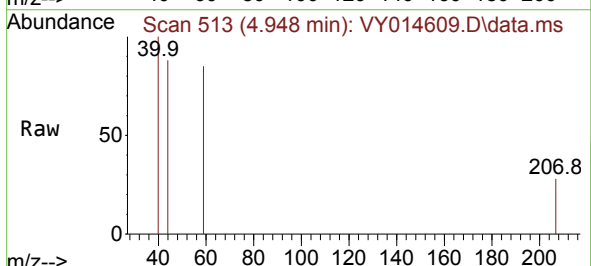


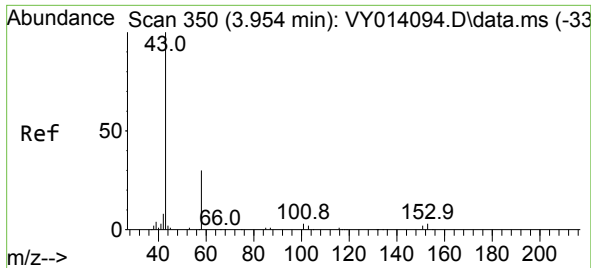
Tgt Ion:168 Resp: 229383
Ion Ratio Lower Upper
168 100
99 44.6 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

Tgt Ion: 59 Resp: 381
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

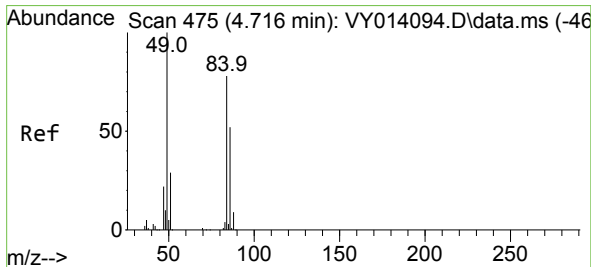
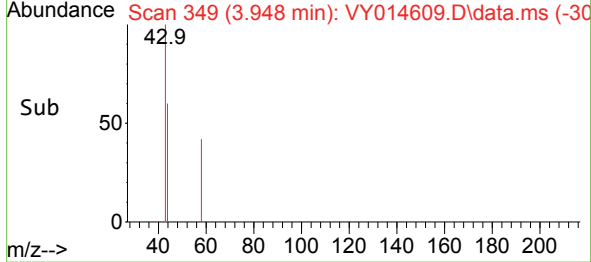
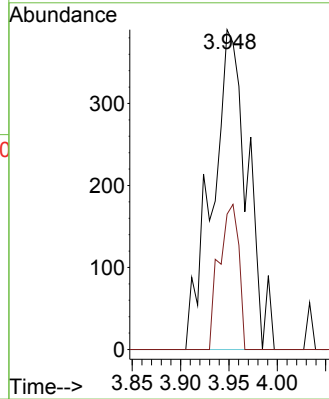
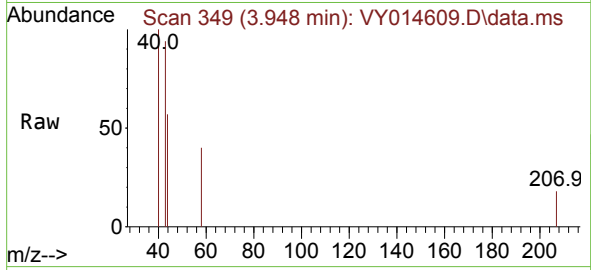




#16
Acetone
Concen: 1.382 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

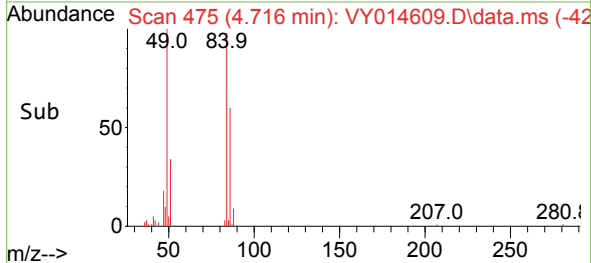
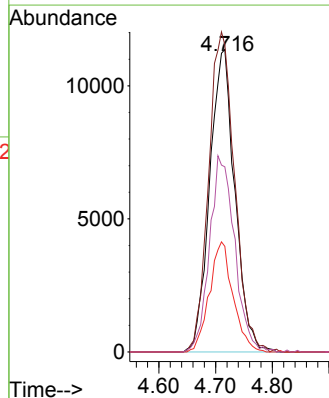
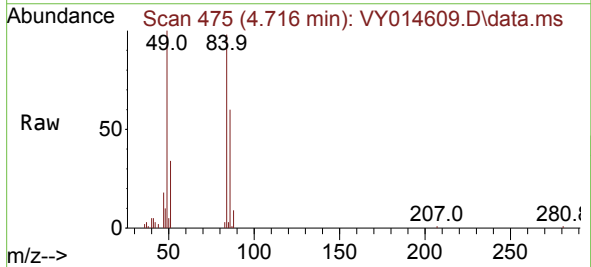
Instrument :
MSVOA_Y
ClientSampleId :

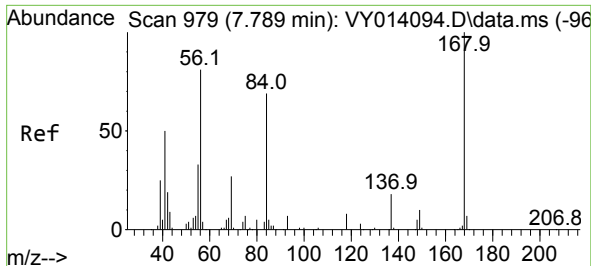
Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 42.3 22.7 34.1#



#20
Methylene Chloride
Concen: 9.394 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

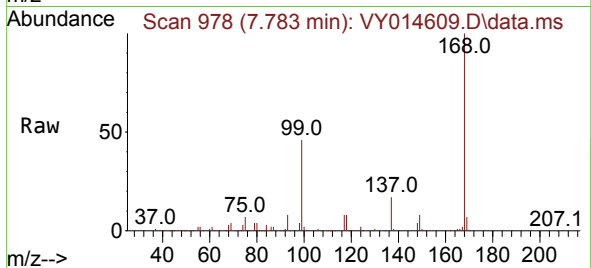
Tgt Ion: 84 Resp: 34990
Ion Ratio Lower Upper
84 100
49 101.6 106.9 160.3#
51 34.9 33.2 49.8
86 61.2 51.0 76.6



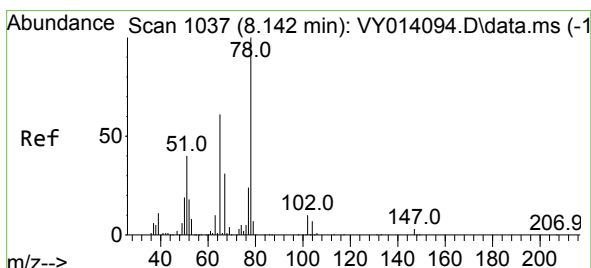
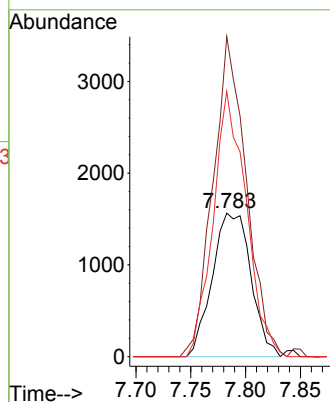
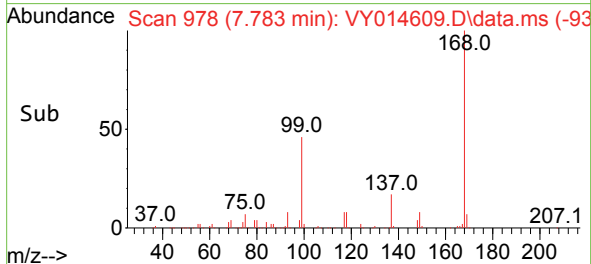


#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

Instrument :
MSVOA_Y
ClientSampleId :

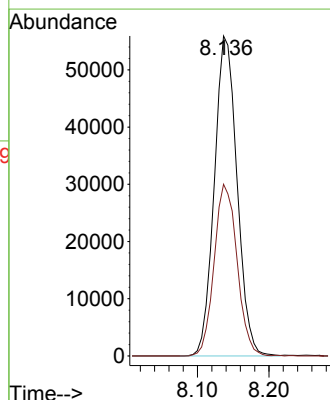
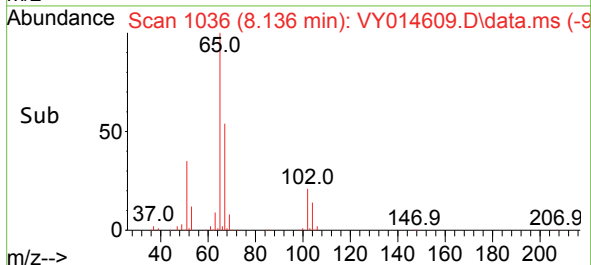
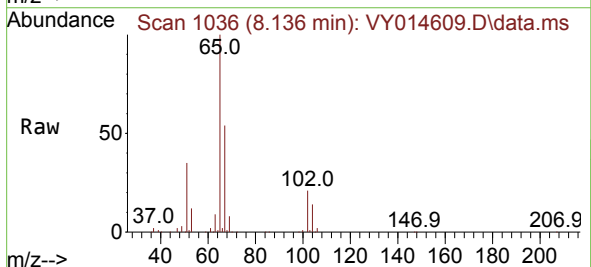


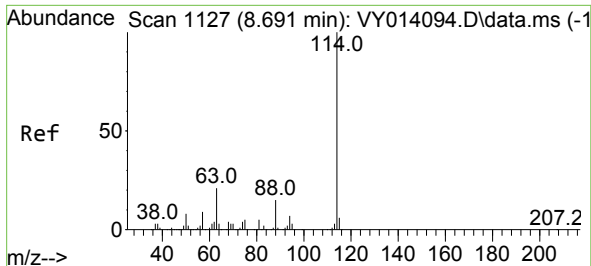
Tgt Ion	Resp	Lower	Upper
56	100		
69	222.9	27.8	41.6#
84	184.7	66.4	99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.073 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

Tgt Ion	Resp	Lower	Upper
65	100		
67	54.1	0.0	101.8

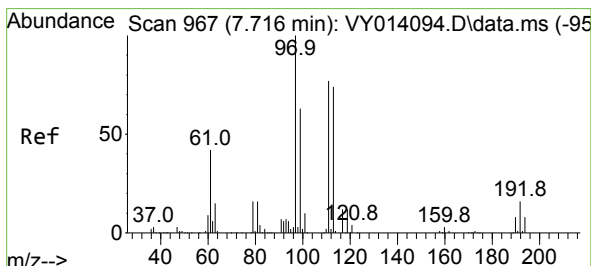
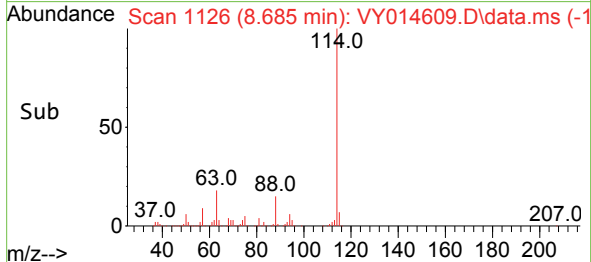
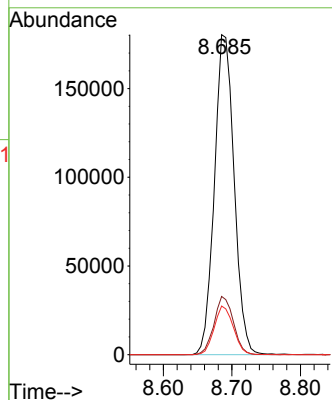
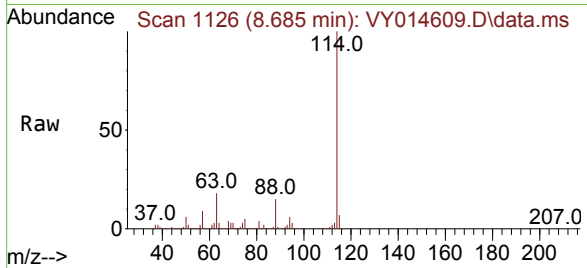




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

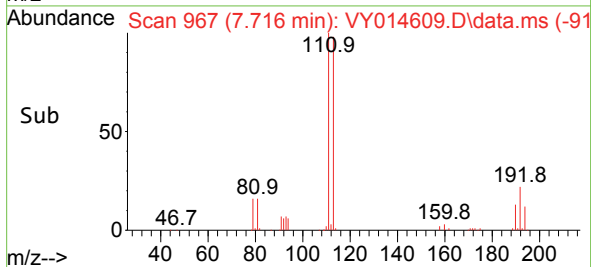
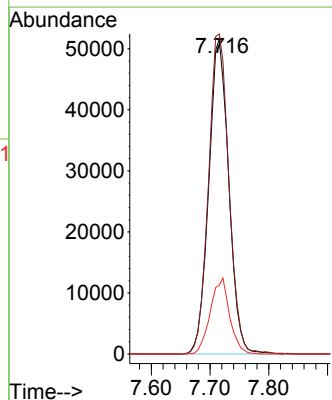
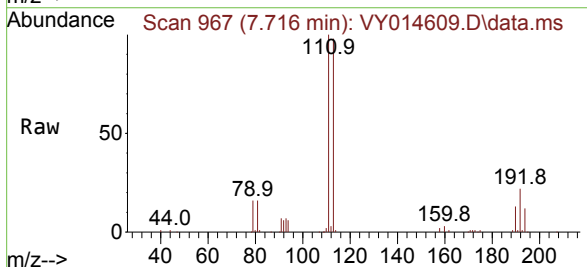
Instrument :
MSVOA_Y
ClientSampleId :

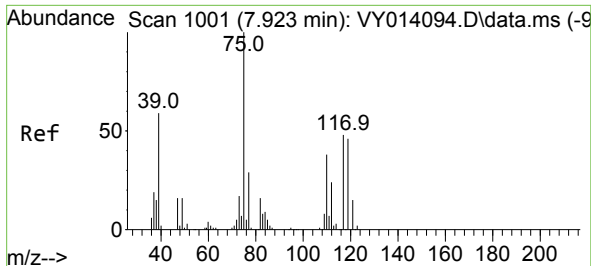
Tgt Ion:114 Resp: 360811
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.842 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

Tgt Ion:113 Resp: 121853
Ion Ratio Lower Upper
113 100
111 104.1 81.3 121.9
192 23.2 16.9 25.3

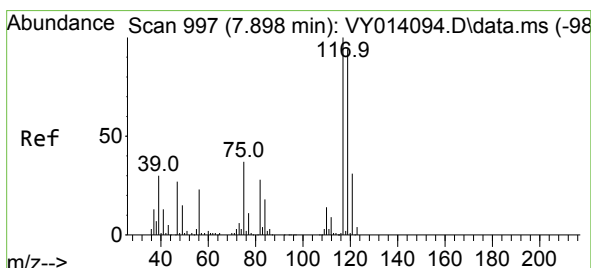
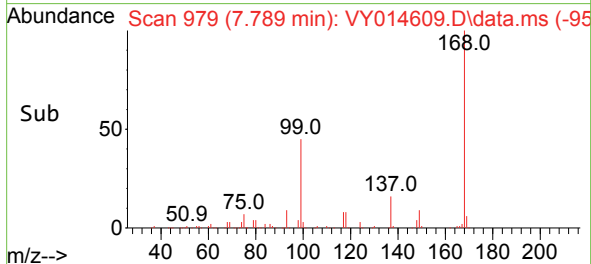
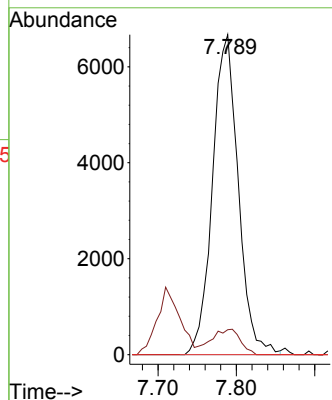
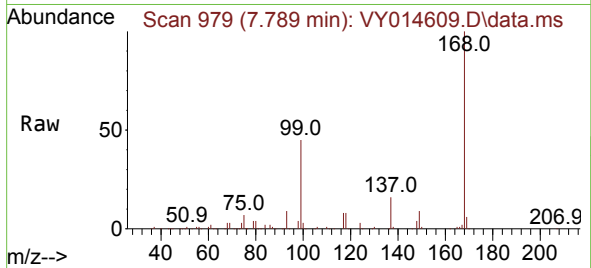




#36
 1,1-Dichloropropene
 Concen: 4.480 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY014609.D
 Acq: 10 Jul 2023 11:19

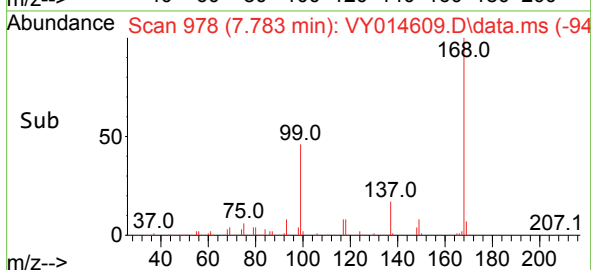
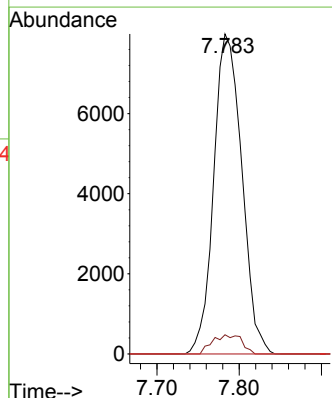
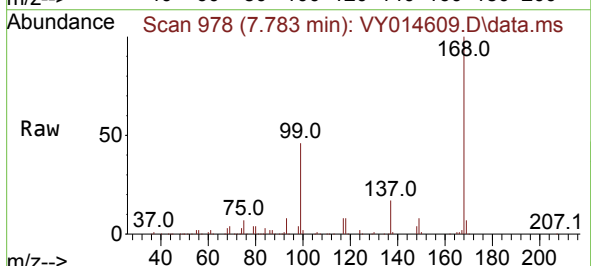
Instrument :
 MSVOA_Y
 ClientSampleId :

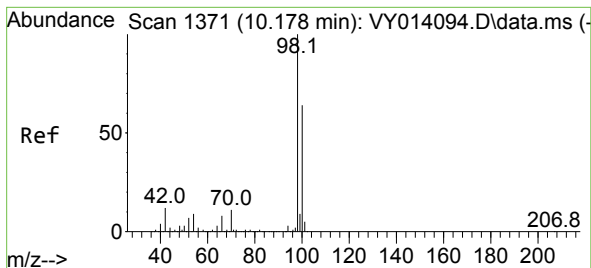
Tgt Ion: 75 Resp: 15244
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.340 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.115 min
 Lab File: VY014609.D
 Acq: 10 Jul 2023 11:19

Tgt Ion:117 Resp: 18968
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.4 114.6#
 121 0.0 25.8 38.6#

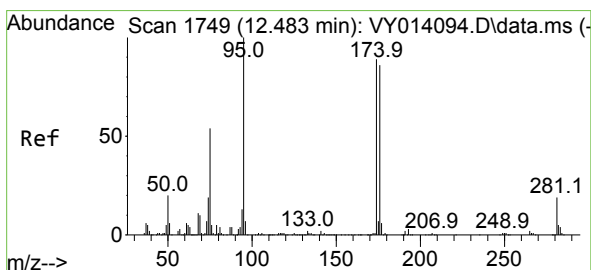
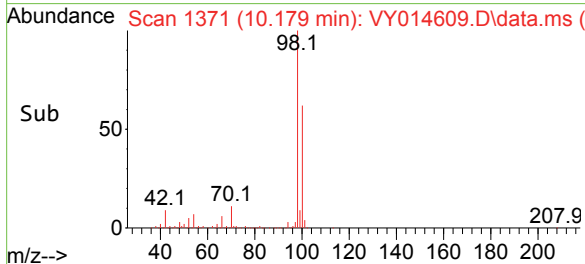
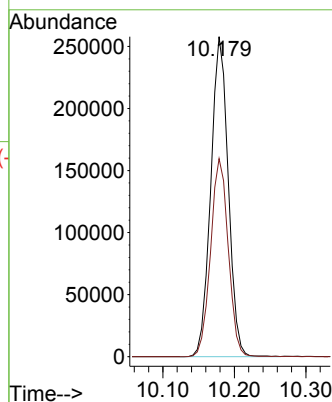
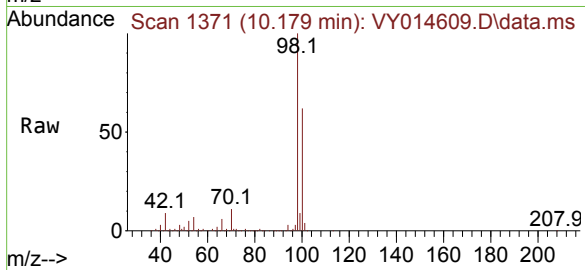




#50
Toluene-d8
Concen: 49.649 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

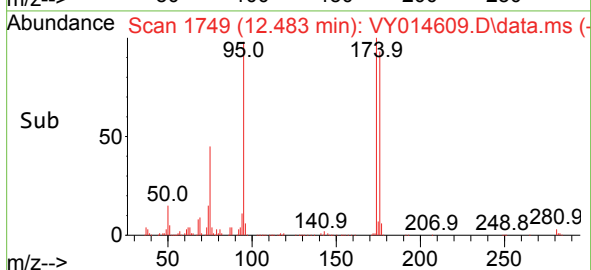
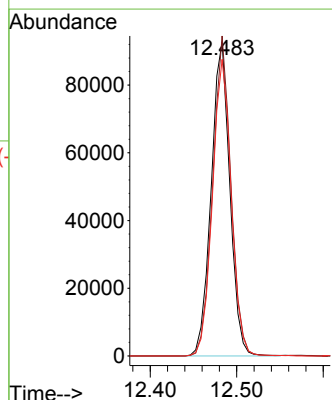
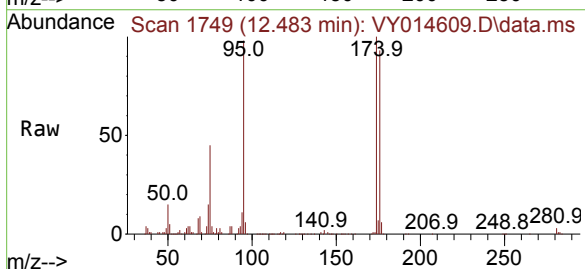
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MSVOA_Y
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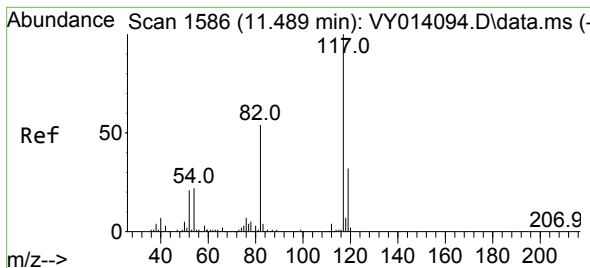
Tgt Ion: 98 Resp: 436089
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

Tgt Ion: 95 Resp: 138639
Ion Ratio Lower Upper
95 100
174 99.8 0.0 178.2
176 95.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014609.D

Acq: 10 Jul 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

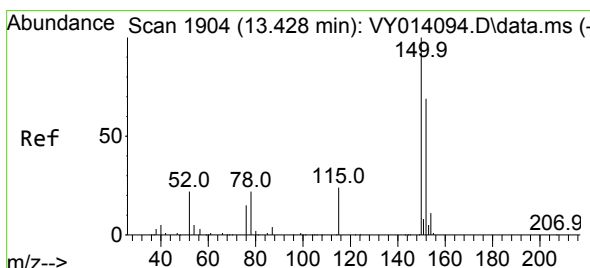
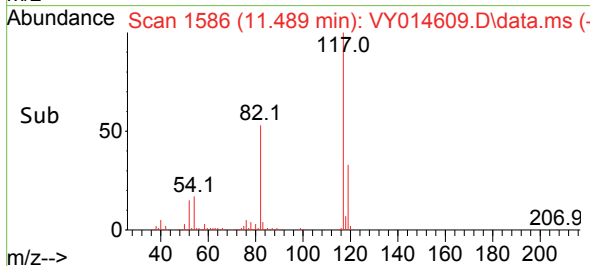
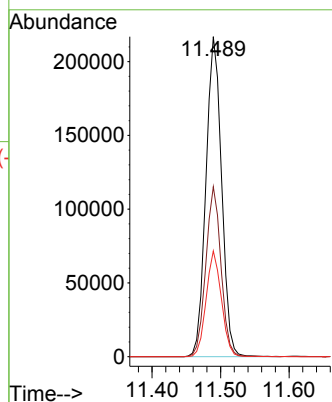
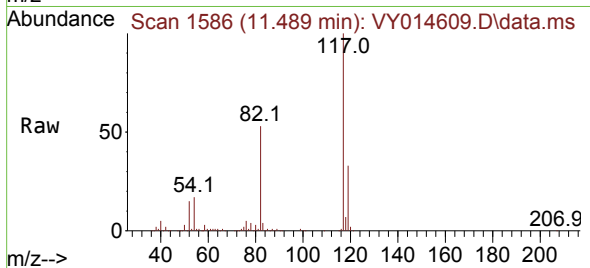
Tgt Ion:117 Resp: 345136

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 33.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014609.D

Acq: 10 Jul 2023 11:19

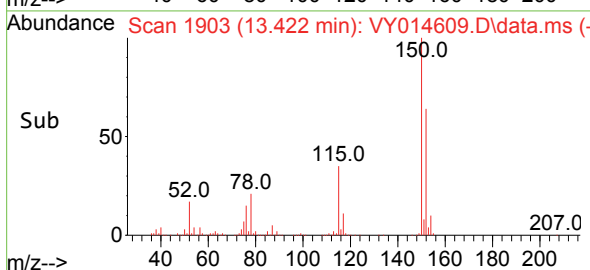
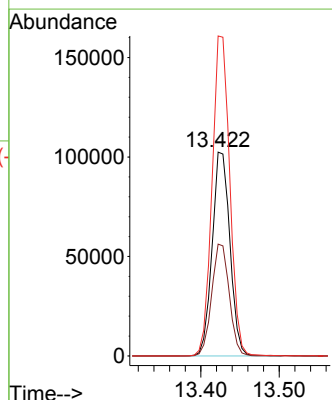
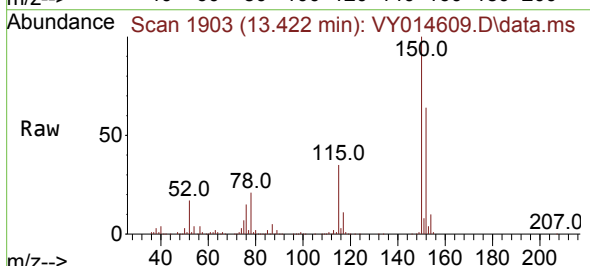
Tgt Ion:152 Resp: 161286

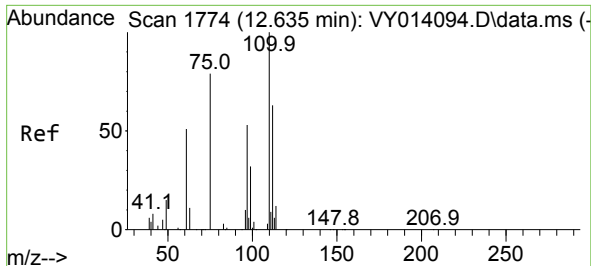
Ion Ratio Lower Upper

152 100

115 54.3 28.8 86.5

150 156.4 0.0 348.8

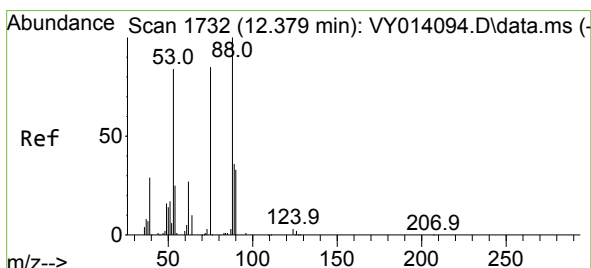
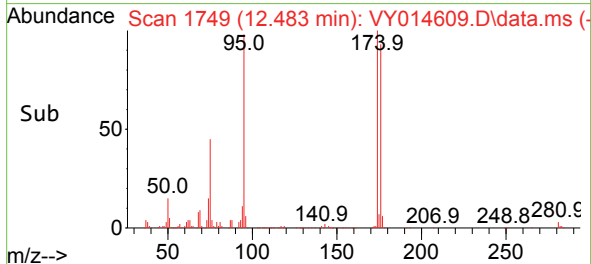
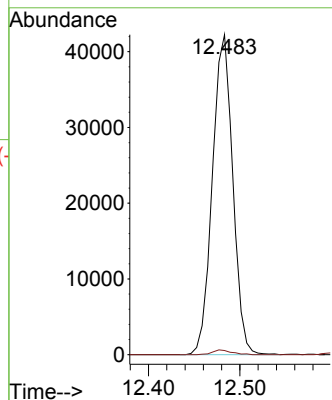
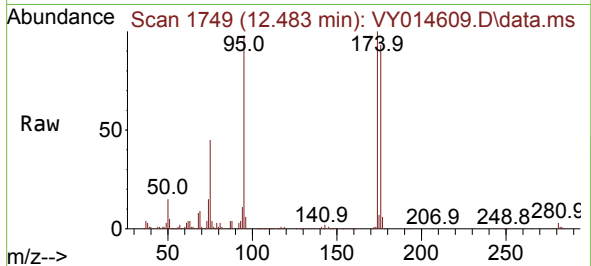




#76
1,2,3-Trichloropropane
Concen: 34.556 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 65401
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.259 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

Tgt Ion: 75 Resp: 65401
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.1 37.4 56.0#

