

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015388.D
 Acq On : 30 Aug 2023 19:23
 Operator : SY/MD
 Sample : 04212-03
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 01:04:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

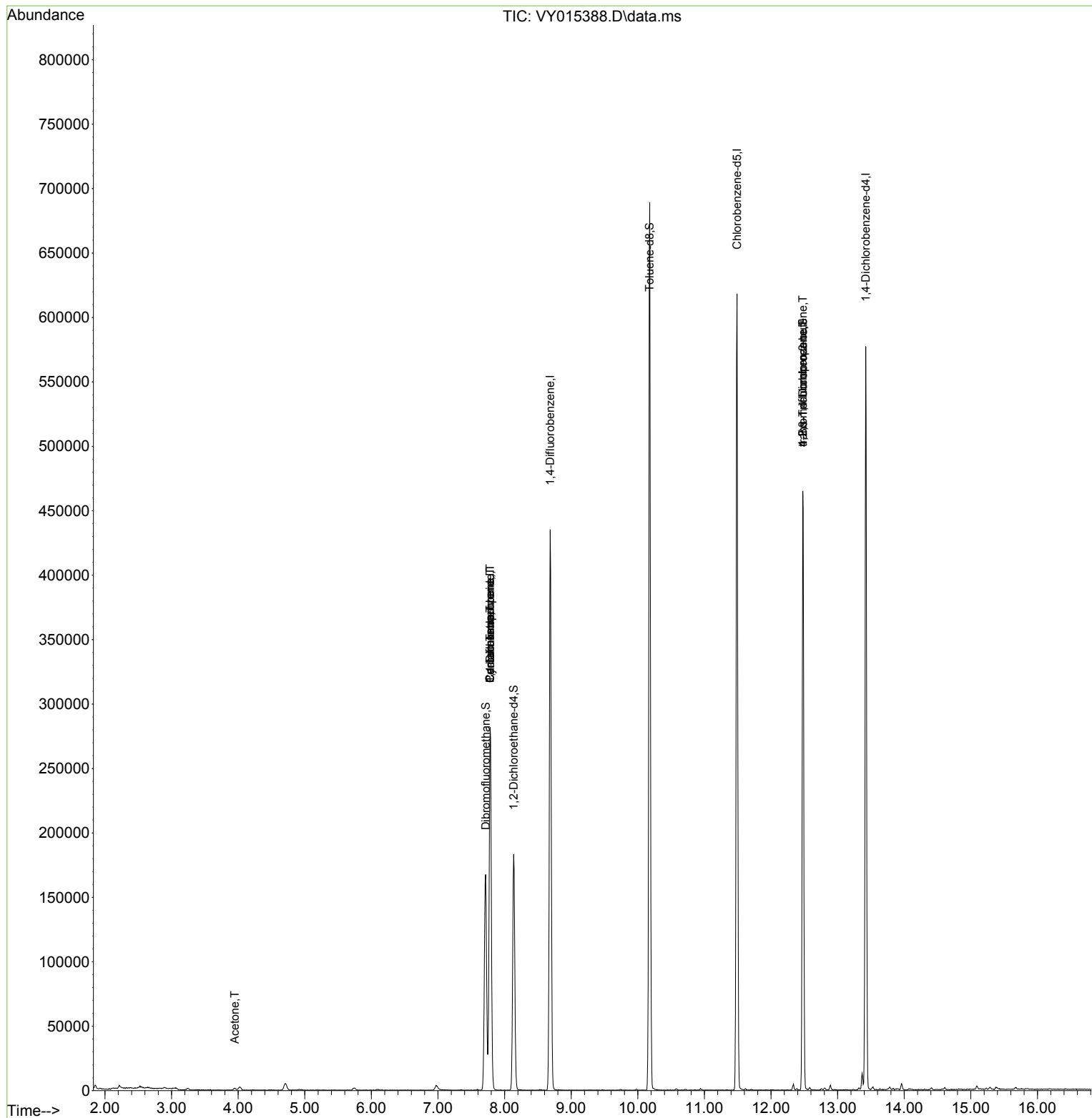
Internal Standards						
1) Pentafluorobenzene	7.783	168	218232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	370657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	331672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143860	61.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.980%	
35) Dibromofluoromethane	7.716	113	117932	55.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.480%	
50) Toluene-d8	10.179	98	439828	56.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.780%	
62) 4-Bromofluorobenzene	12.477	95	140447	48.934	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.860%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	2734	2.800	ug/l	92
20) Methylene Chloride	4.704	84	4127	Below Cal	#	79
31) Cyclohexane	7.783	56	4393	1.057	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17181	4.583	ug/l #	50
38) Carbon Tetrachloride	7.783	117	21756	5.619	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	75760	40.012	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75760	87.900	ug/l #	10

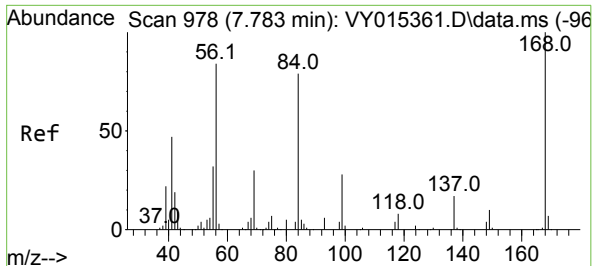
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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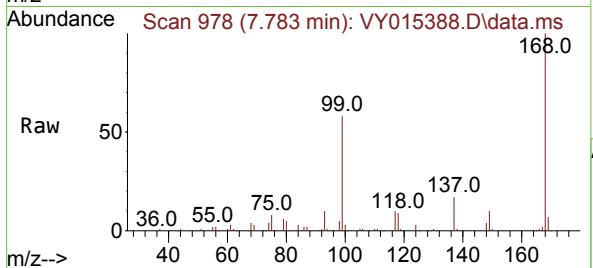
Quant Time: Aug 31 01:04:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
Response via : Initial Calibration



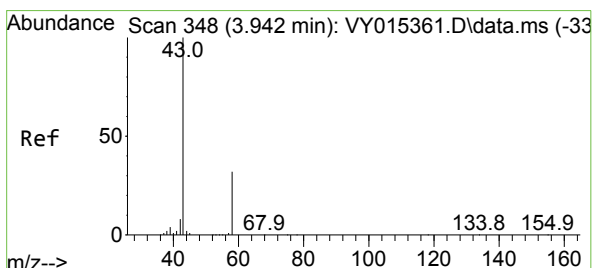
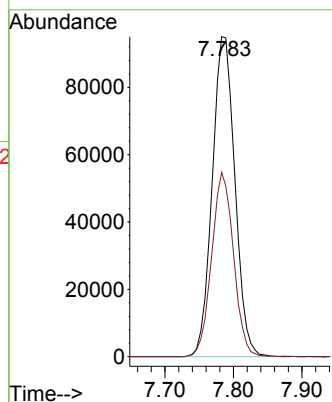
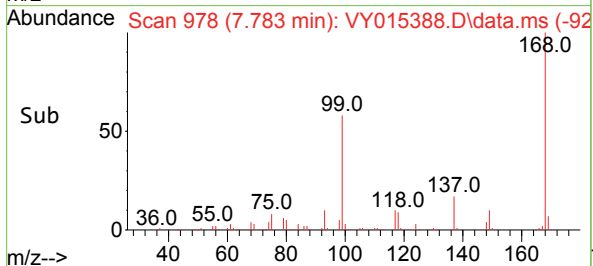


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :

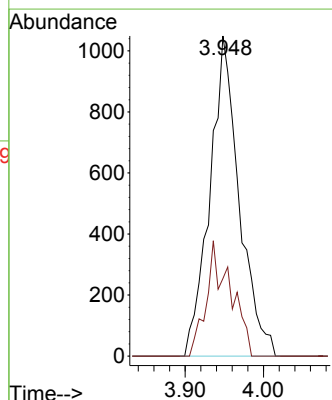
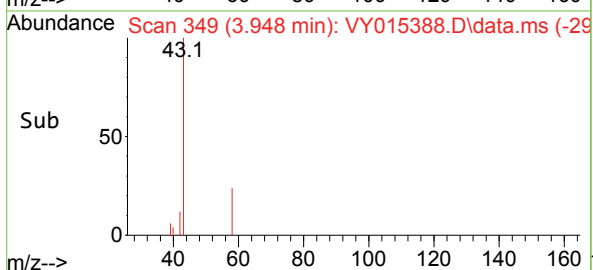
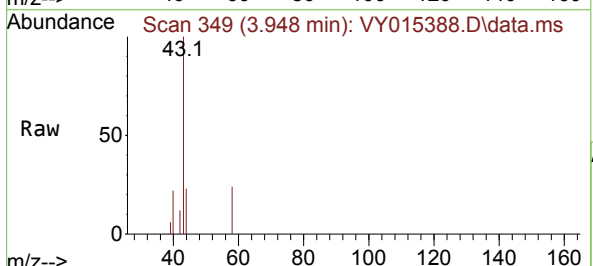


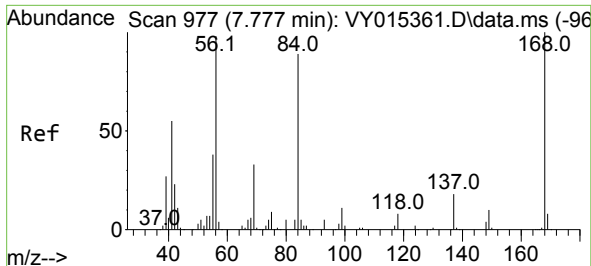
Tgt Ion:168 Resp: 218232
Ion Ratio Lower Upper
168 100
99 57.6 43.4 65.0



#16
Acetone
Concen: 2.800 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

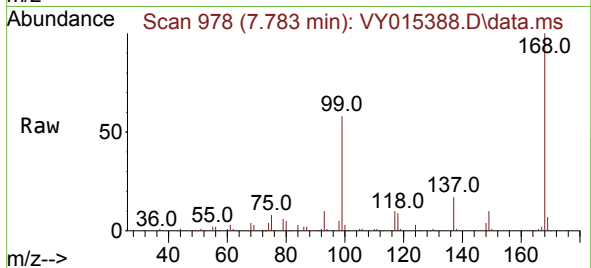
Tgt Ion: 43 Resp: 2734
Ion Ratio Lower Upper
43 100
58 24.2 22.7 34.1



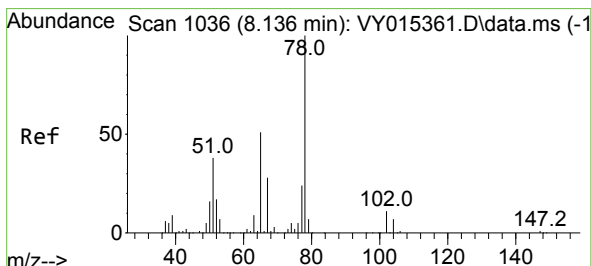
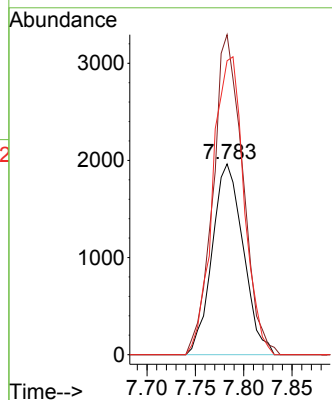
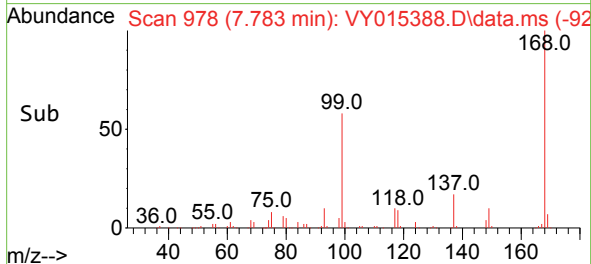


#31
Cyclohexane
Concen: 1.057 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :

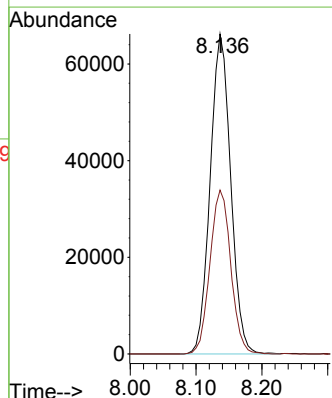
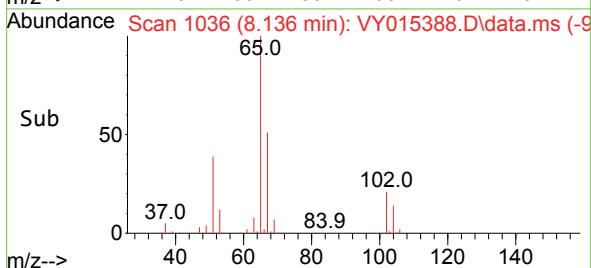
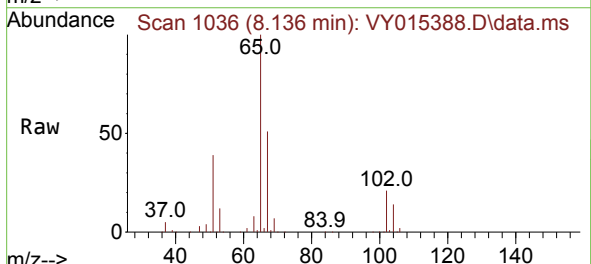


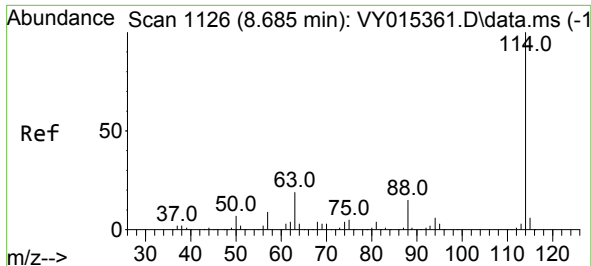
Tgt Ion: 56 Resp: 4393
Ion Ratio Lower Upper
56 100
69 167.7 27.8 41.6#
84 154.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 61.494 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

Tgt Ion: 65 Resp: 143860
Ion Ratio Lower Upper
65 100
67 52.0 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: VY015388.D

Acq: 30 Aug 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

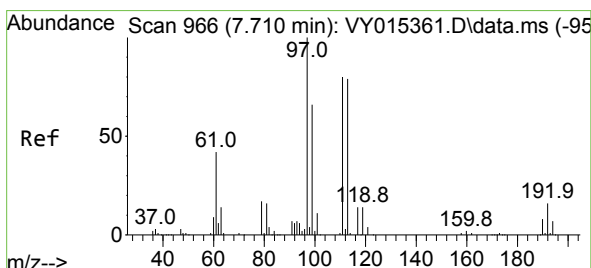
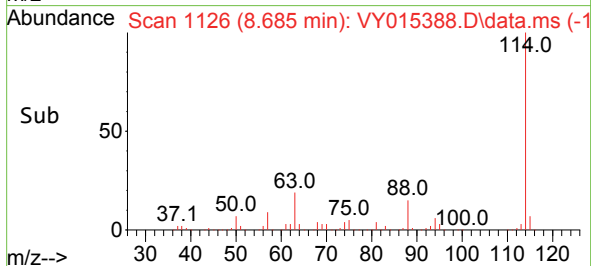
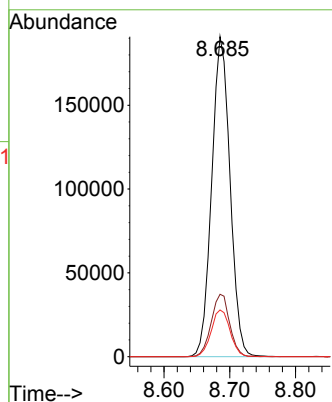
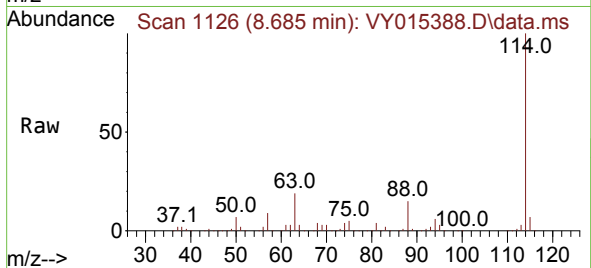
Tgt Ion:114 Resp: 370657

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.240 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015388.D

Acq: 30 Aug 2023 19:23

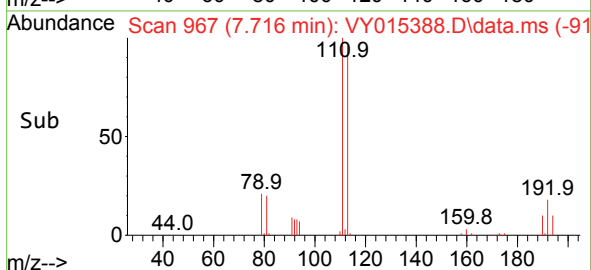
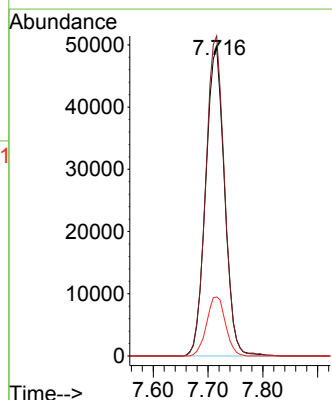
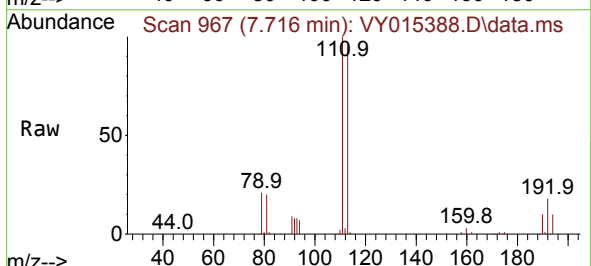
Tgt Ion:113 Resp: 117932

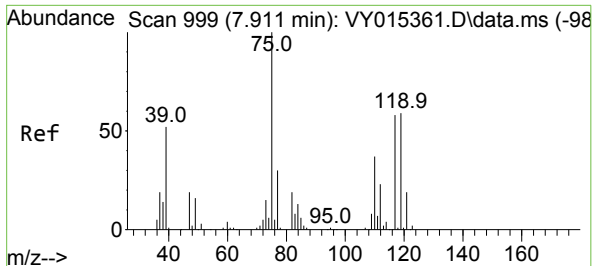
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.583 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY015388.D

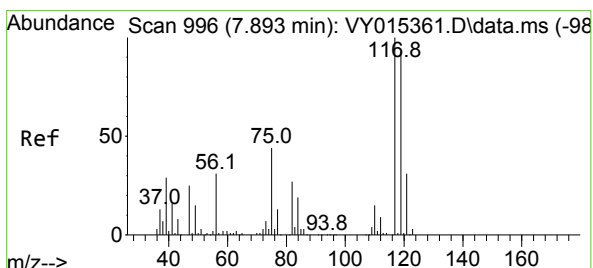
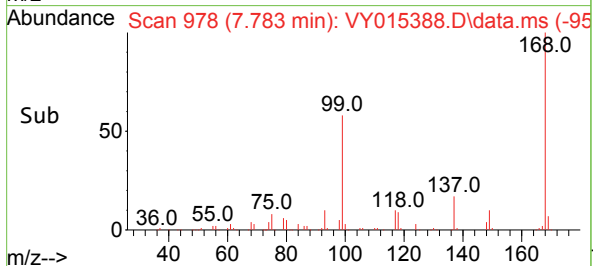
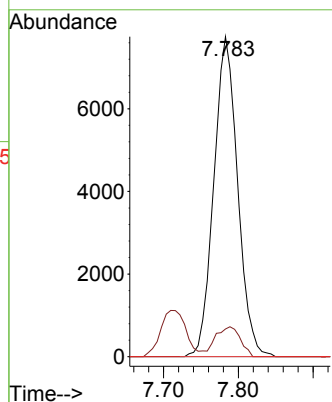
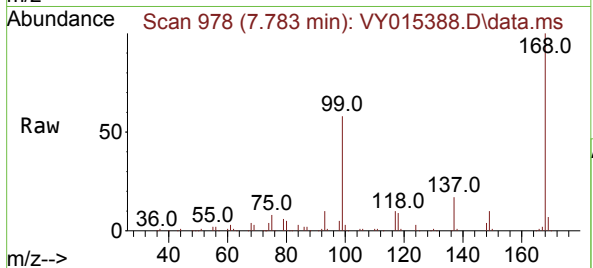
Acq: 30 Aug 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 17181
Ion Ratio	Lower Upper
75	100
110	9.5 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.619 ug/l

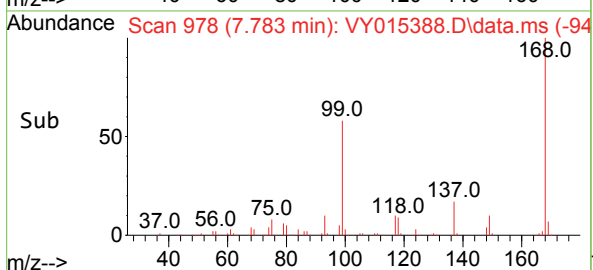
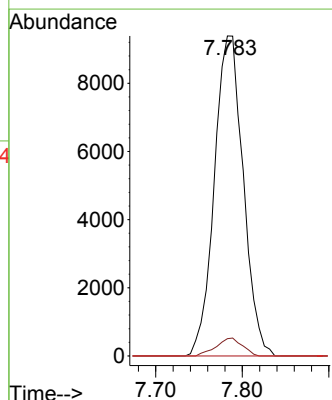
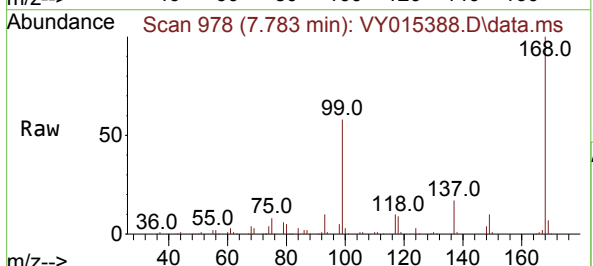
RT: 7.783 min Scan# 978

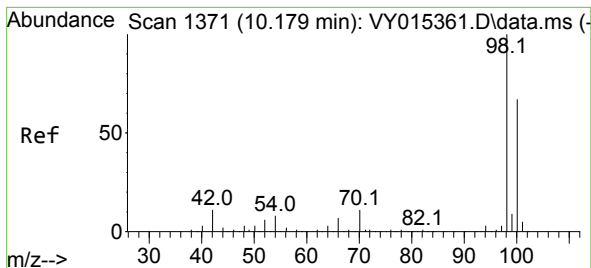
Delta R.T. -0.110 min

Lab File: VY015388.D

Acq: 30 Aug 2023 19:23

Tgt Ion: 117	Resp: 21756
Ion Ratio	Lower Upper
117	100
119	5.4 76.4 114.6#
121	0.0 25.8 38.6#

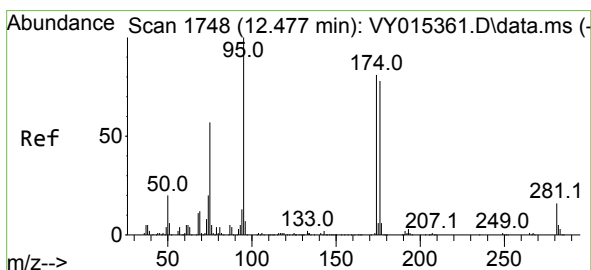
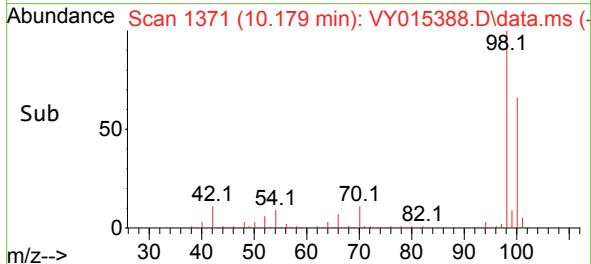
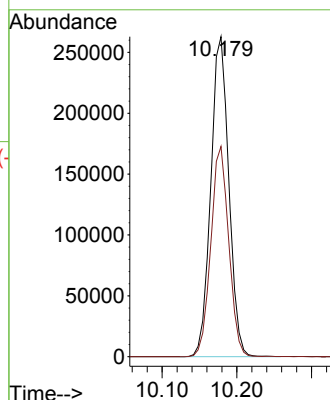
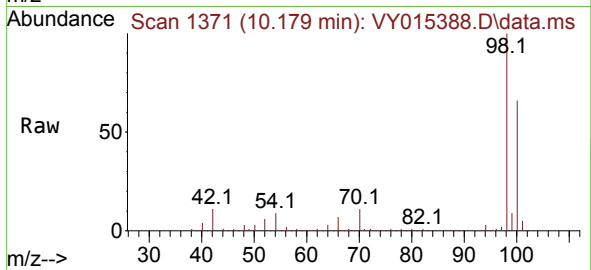




#50
Toluene-d8
Concen: 56.889 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

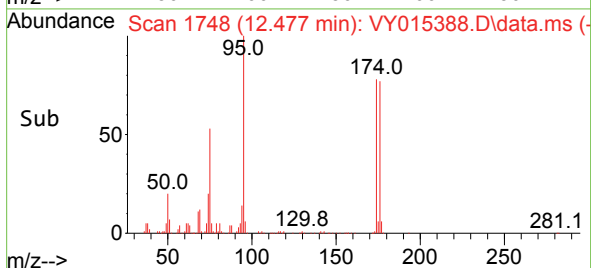
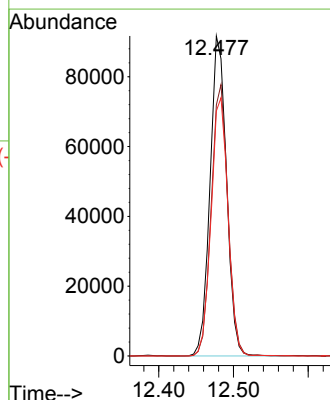
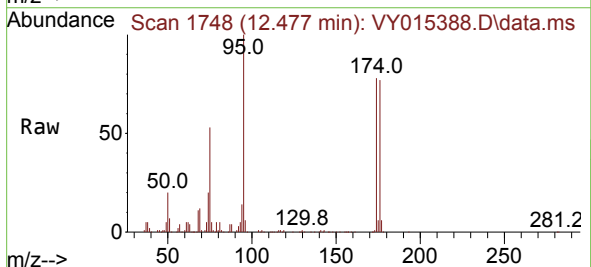
Instrument :
MSVOA_Y
ClientSampleId :

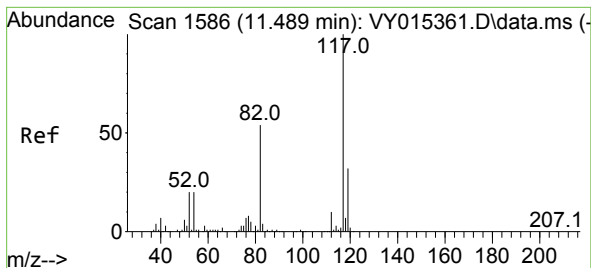
Tgt Ion: 98 Resp: 439828
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.934 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

Tgt Ion: 95 Resp: 140447
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 83.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

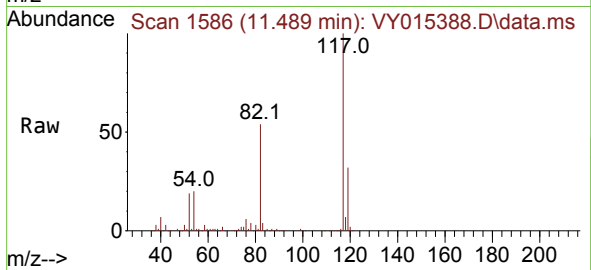
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Acq: 30 Aug 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :



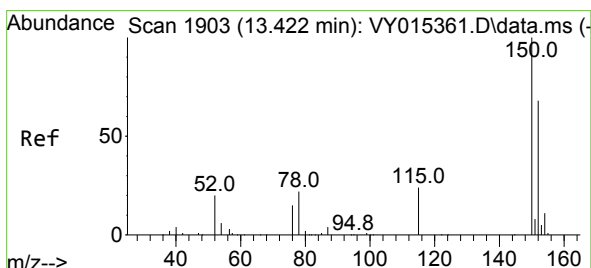
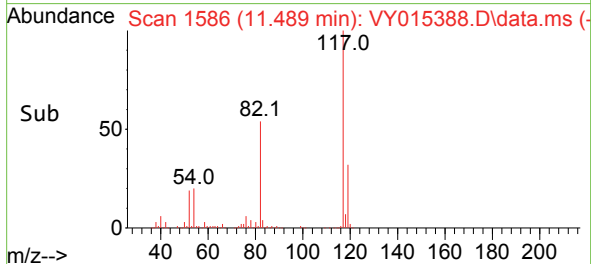
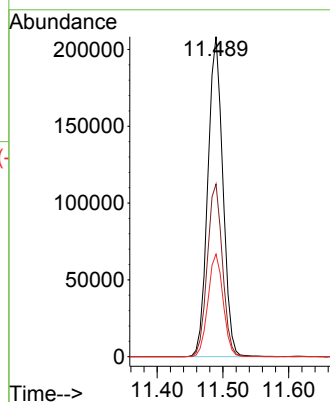
Tgt Ion:117 Resp: 331672

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 32.0 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: VY015388.D

Acq: 30 Aug 2023 19:23

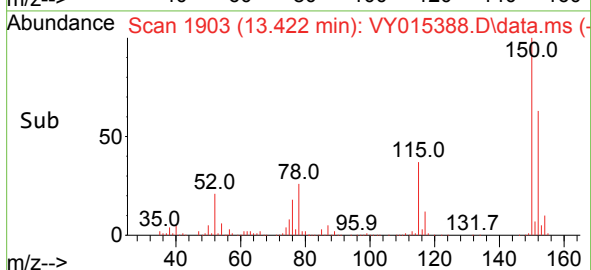
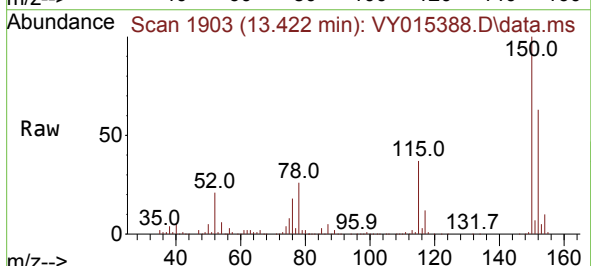
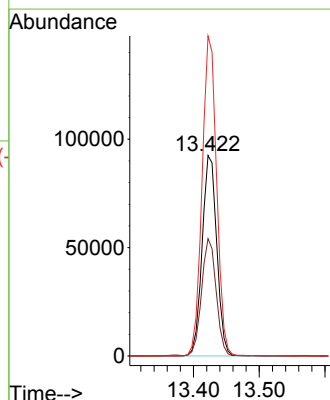
Tgt Ion:152 Resp: 143370

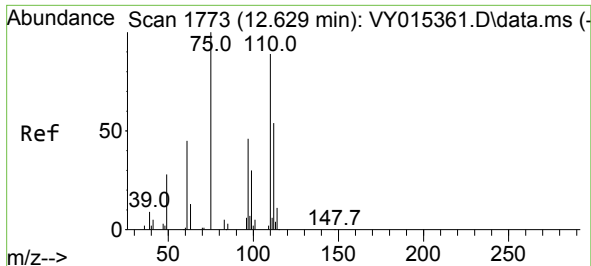
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 158.3 0.0 348.8

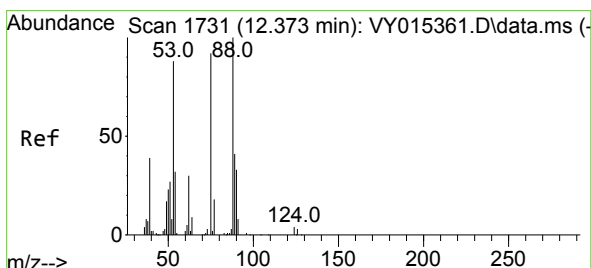
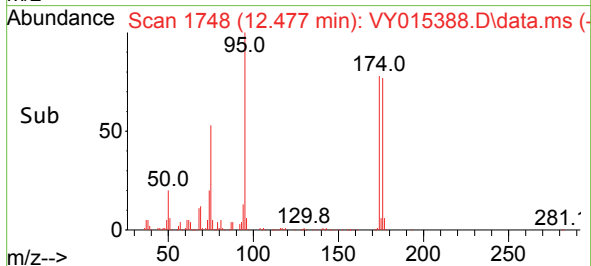
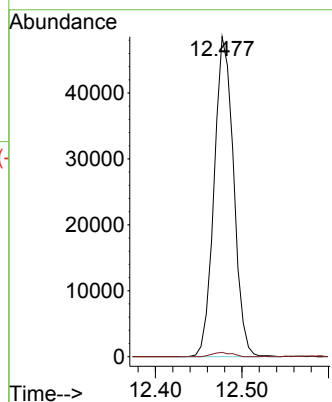
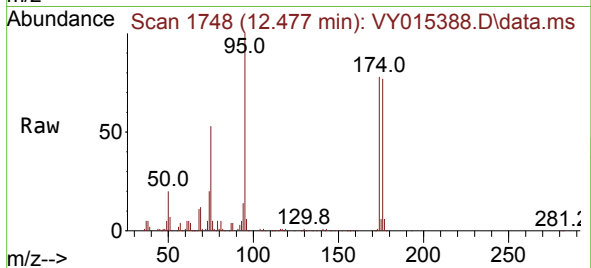




#76
1,2,3-Trichloropropane
Concen: 40.012 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75760
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.900 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

Tgt Ion: 75 Resp: 75760
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

