

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011018.D
 Acq On : 20 Oct 2022 12:34
 Operator : KP/MD
 Sample : N5193-08
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-04-05-15

Quant Time: Oct 20 22:22:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

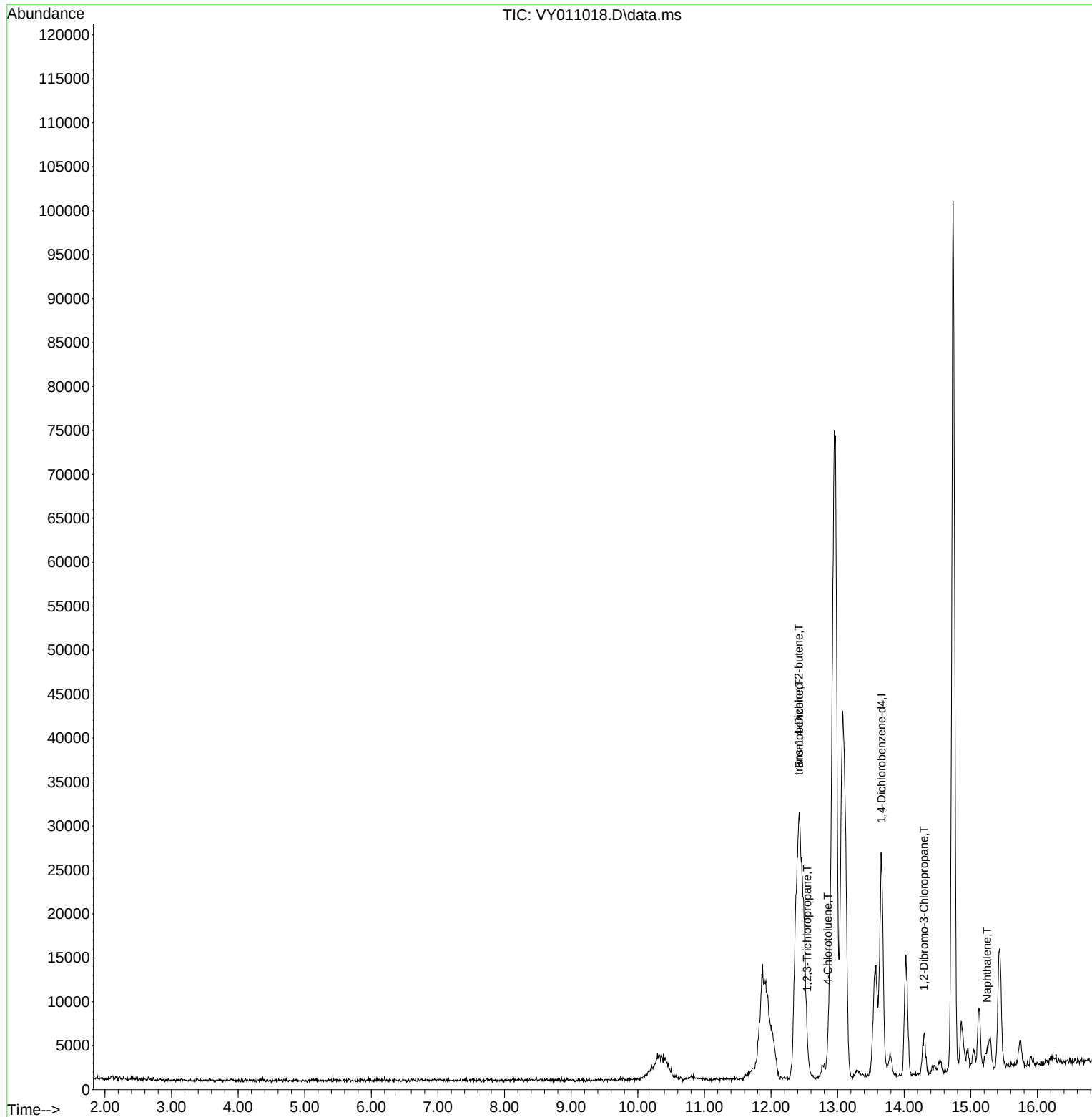
Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.79
34) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/l	-8.69
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.49
72) 1,4-Dichlorobenzene-d4	13.660	152	1870	50.000	ug/l	0.24
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0	0.000	ug/l	
Spiked Amount	50.000	Range	49 - 140	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						Qvalue
76) 1,2,3-Trichloropropane	12.544	75	35	1.649	ug/l #	100
77) Bromobenzene	12.422	156	59440	1871.707	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.416	75	691	70.001	ug/l #	19
82) 4-Chlorotoluene	12.855	91	120	1.238	ug/l #	41
92) 1,2-Dibromo-3-Chloropr...	14.294	75	46	9.758	ug/l #	6
95) Naphthalene	15.245	128	246	3.564	ug/l #	79

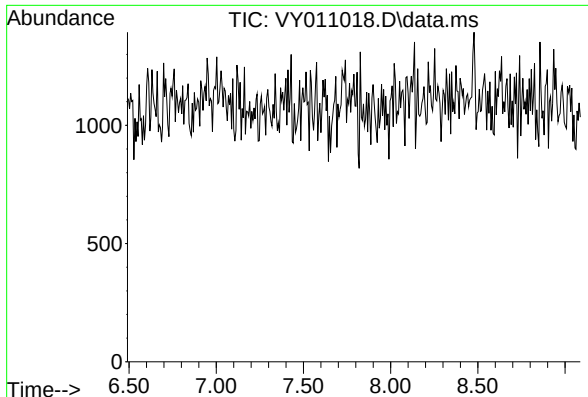
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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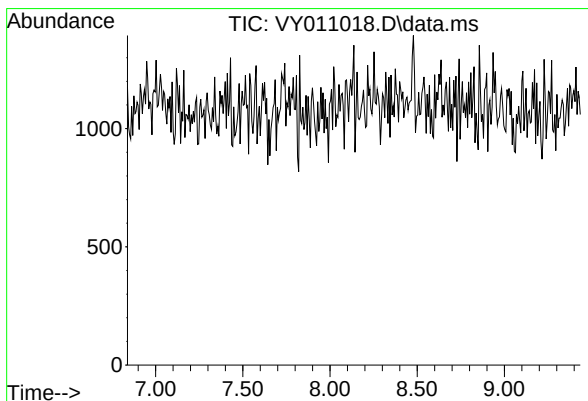
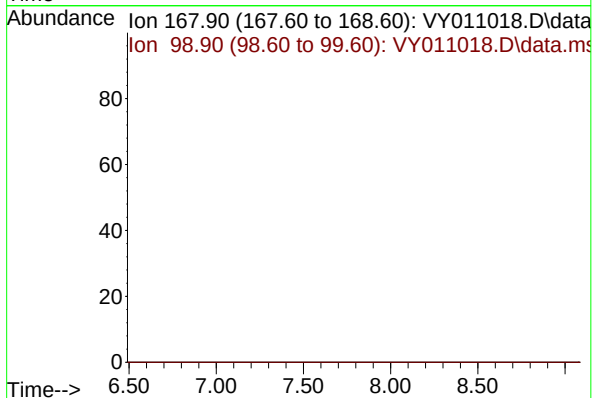


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.79 min

Lab File: VY011018.D
Acq: 20 Oct 2022 12:34

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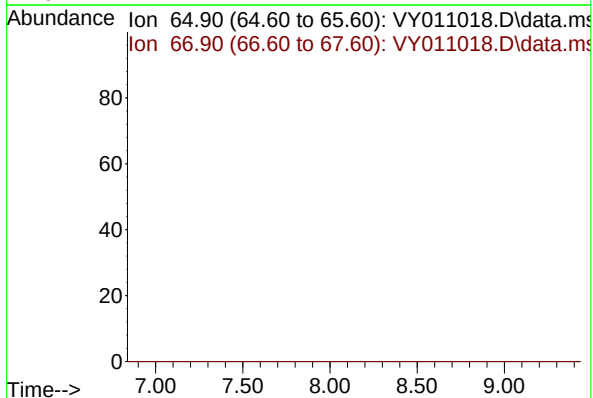
Tgt Ion: 168
Sig Exp Ratio
168 100
99 58.6

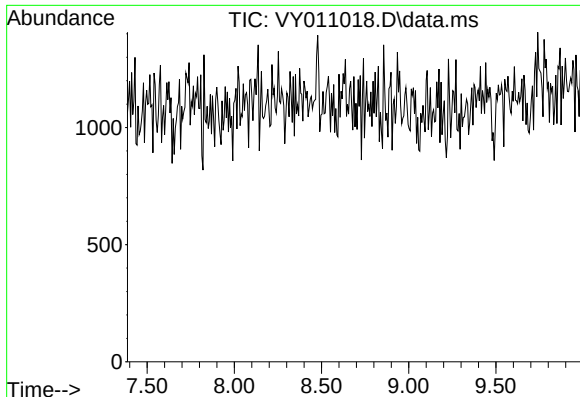


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.14 min

Lab File: VY011018.D
Acq: 20 Oct 2022 12:34

Tgt Ion: 65
Sig Exp Ratio
65 100
67 49.7





#34

1,4-Difluorobenzene

Concen: 0.000 ug/l

Expected RT: 8.69 min

Lab File: VY011018.D

Acq: 20 Oct 2022 12:34

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-04-05-15

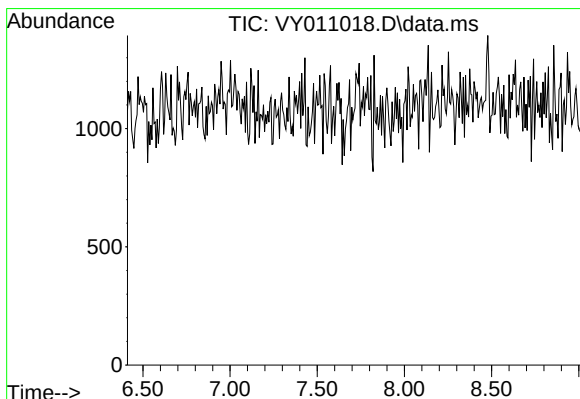
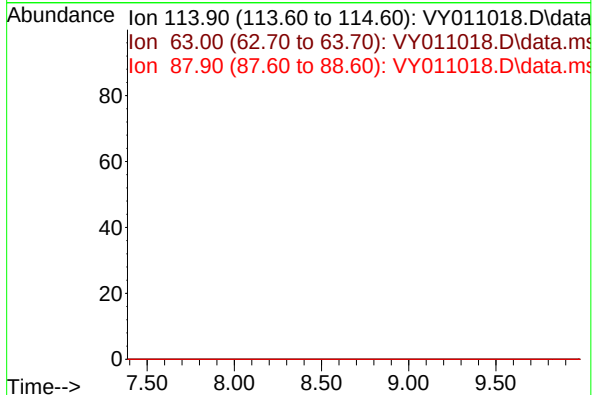
Tgt Ion: 114

Sig Exp Ratio

114 100

63 21.6

88 15.9



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.71 min

Lab File: VY011018.D

Acq: 20 Oct 2022 12:34

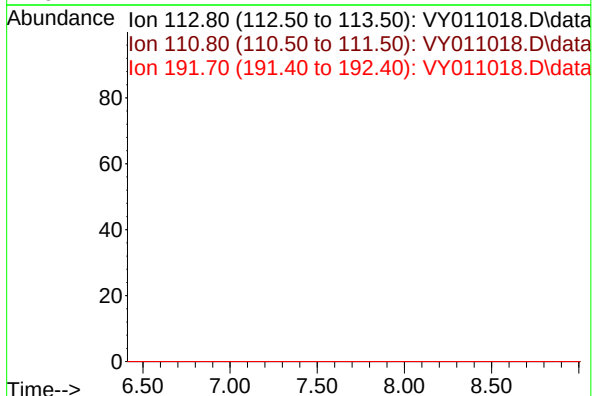
Tgt Ion: 113

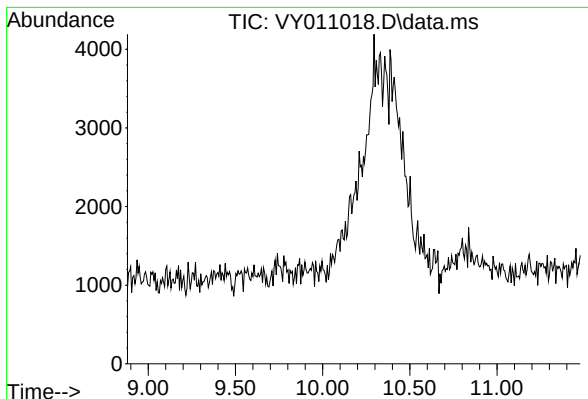
Sig Exp Ratio

113 100

111 103.3

192 22.0

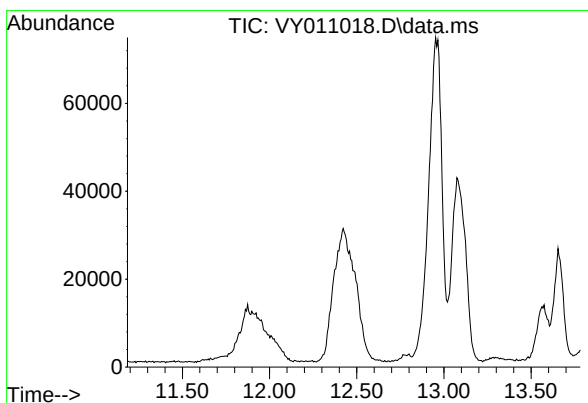
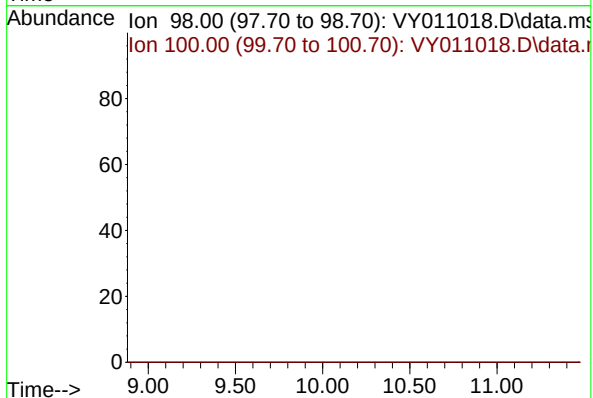




#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.18 min
 Lab File: VY011018.D
 Acq: 20 Oct 2022 12:34

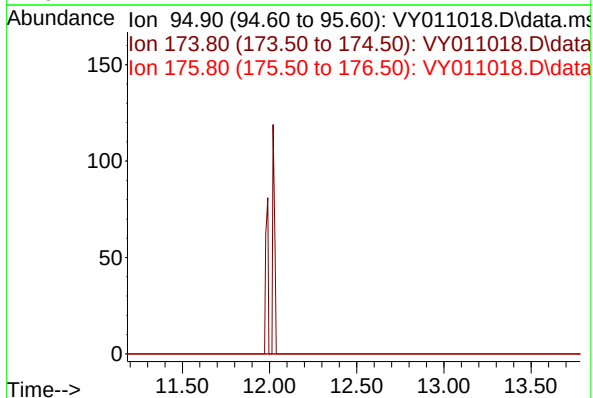
Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-04-05-15

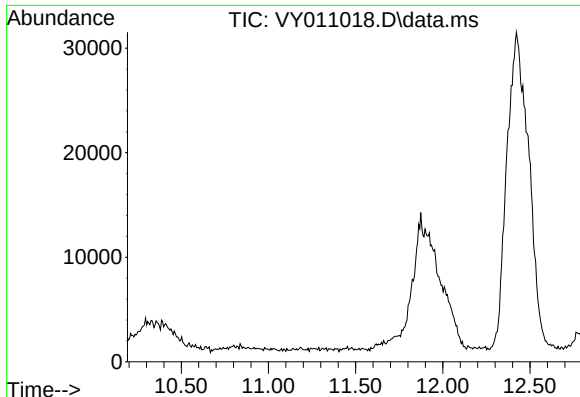
Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 62.7



#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.48 min
 Lab File: VY011018.D
 Acq: 20 Oct 2022 12:34

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 88.5
 176 87.9



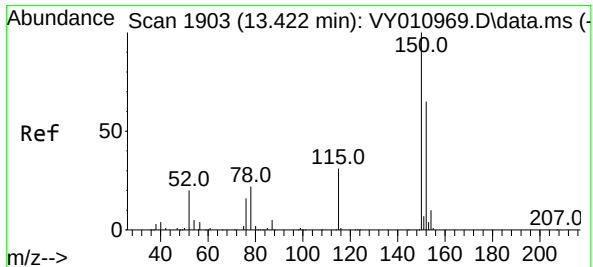
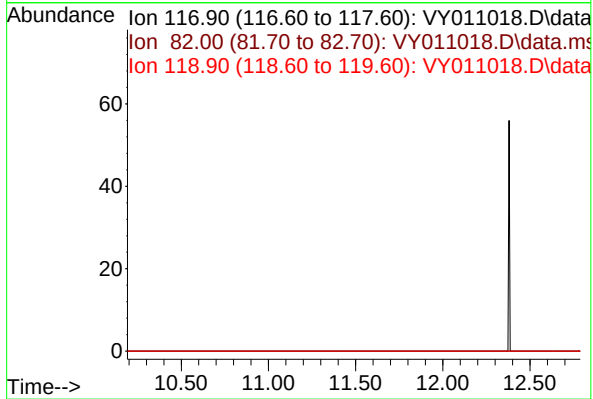


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.49 min

Lab File: VY011018.D
Acq: 20 Oct 2022 12:34

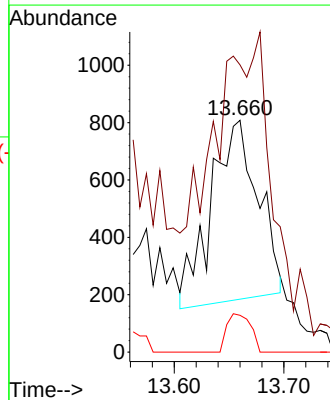
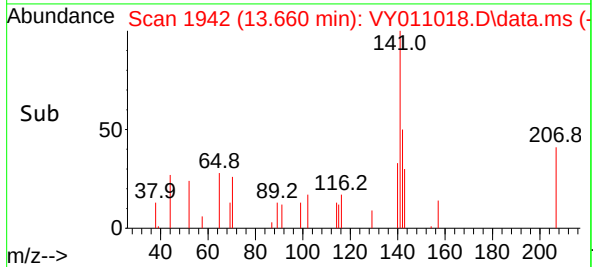
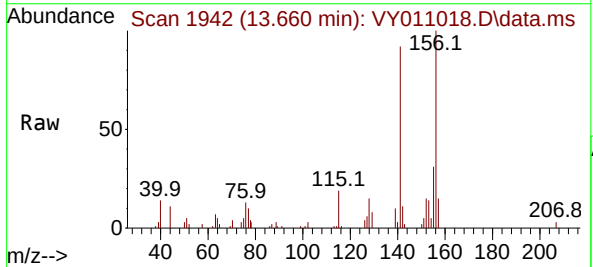
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-04-05-15

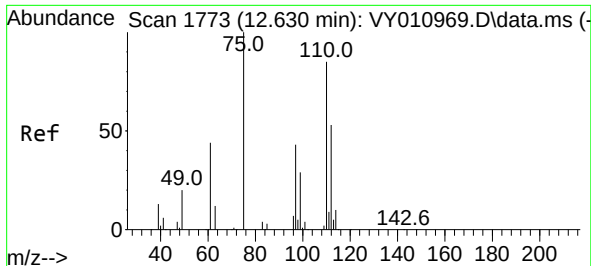
Tgt Ion: 117
Sig Exp Ratio
117 100
82 53.7
119 31.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.660 min Scan# 1942
Delta R.T. 0.238 min
Lab File: VY011018.D
Acq: 20 Oct 2022 12:34

Tgt Ion: 152 Resp: 1870
Ion Ratio Lower Upper
152 100
115 69.8 28.2 84.7
150 10.8 0.0 347.6

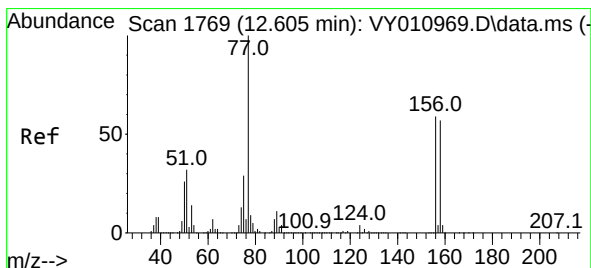
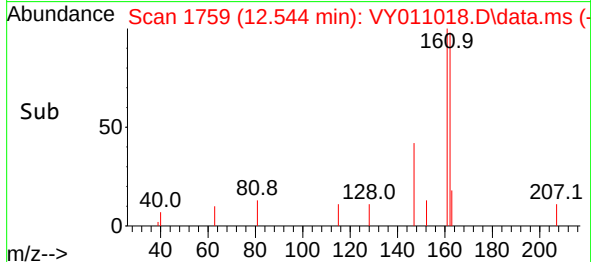
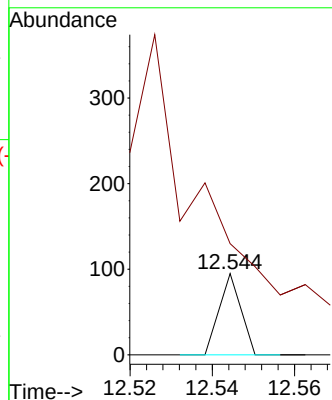
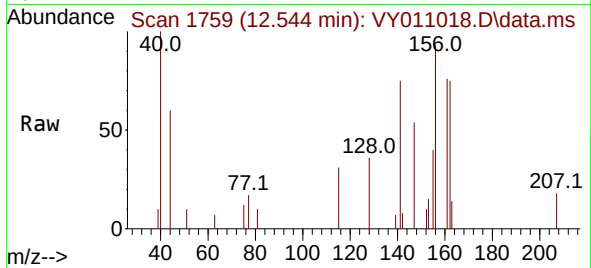




#76
1,2,3-Trichloropropane
Concen: 1.649 ug/l
RT: 12.544 min Scan# 1759
Delta R.T. -0.086 min
Lab File: VY011018.D
Acq: 20 Oct 2022 12:34

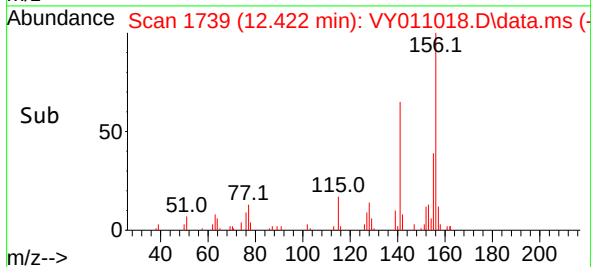
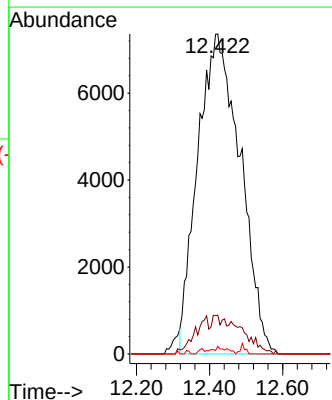
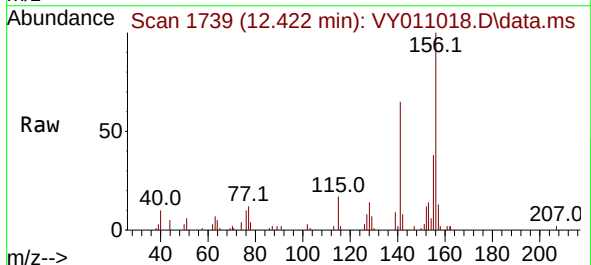
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-04-05-15

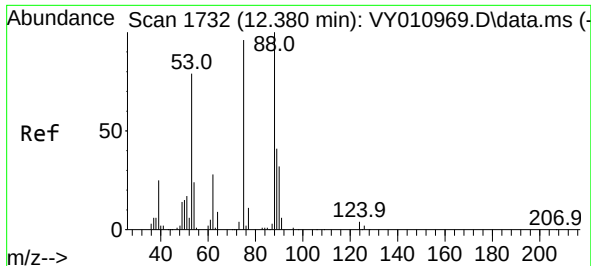
Tgt Ion: 75 Resp: 35
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 1871.707 ug/l
RT: 12.422 min Scan# 1739
Delta R.T. -0.183 min
Lab File: VY011018.D
Acq: 20 Oct 2022 12:34

Tgt Ion: 156 Resp: 59440
Ion Ratio Lower Upper
156 100
77 1.2 95.5 286.4#
158 0.7 48.0 144.0#

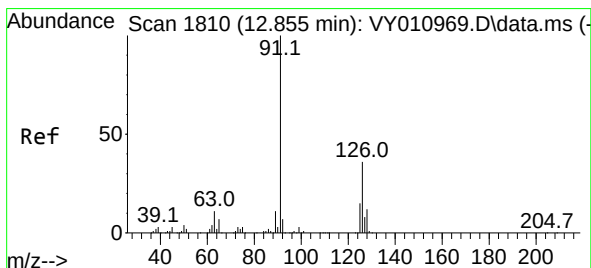
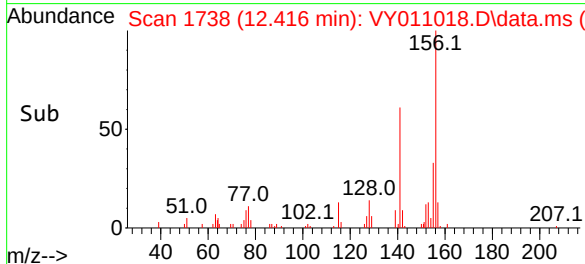
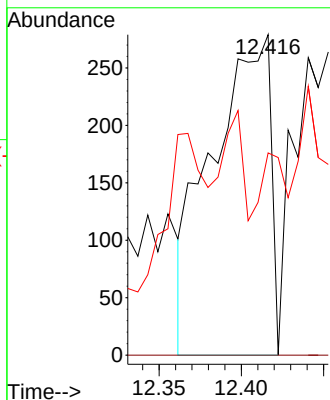
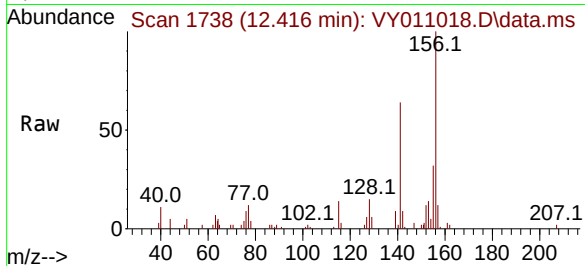




#81
trans-1,4-Dichloro-2-butene
Concen: 70.001 ug/l
RT: 12.416 min Scan# 11
Delta R.T. 0.036 min
Lab File: VY011018.D
Acq: 20 Oct 2022 12:34

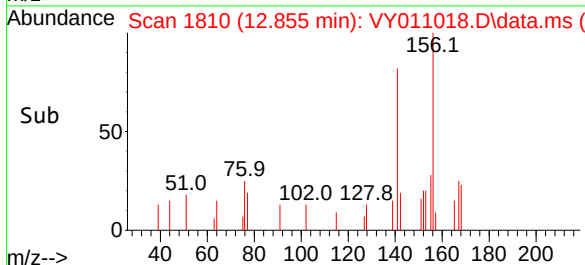
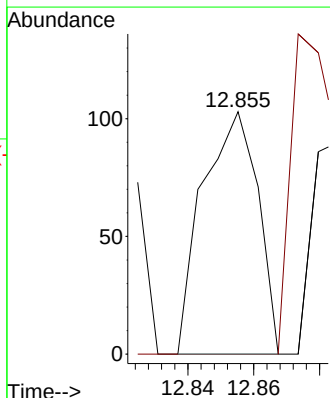
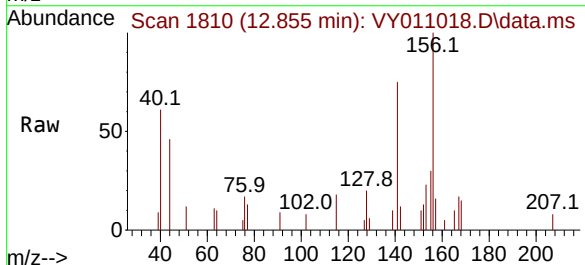
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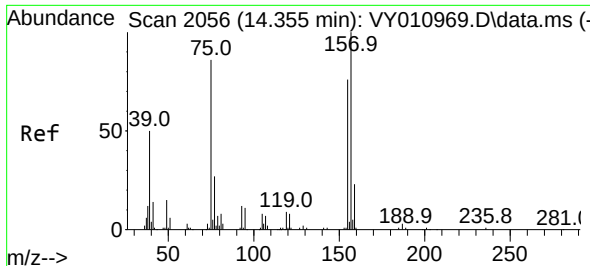
Tgt Ion: 75 Resp: 691
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 25.8 37.0 55.4#



#82
4-Chlorotoluene
Concen: 1.238 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011018.D
Acq: 20 Oct 2022 12:34

Tgt Ion: 91 Resp: 120
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

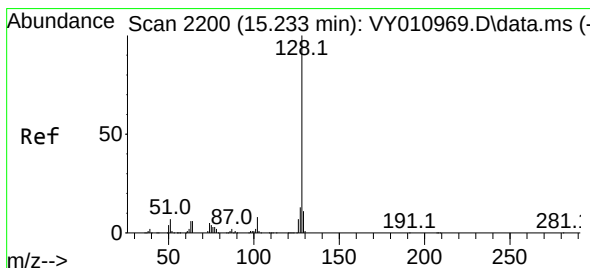
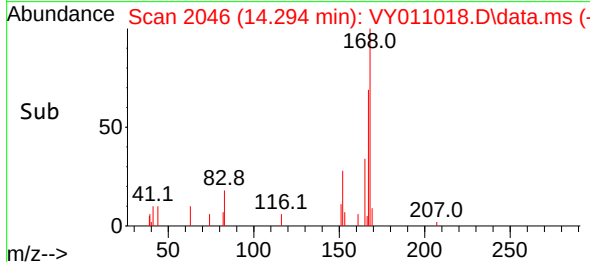
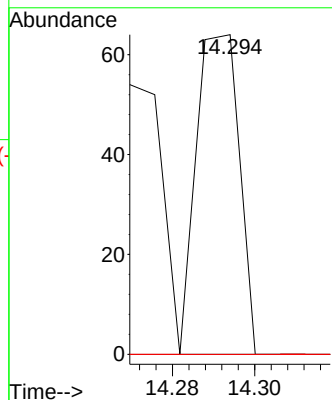
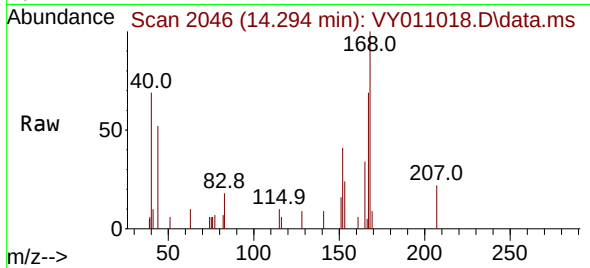




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.758 ug/l
 RT: 14.294 min Scan# 2046
 Delta R.T. -0.061 min
 Lab File: VY011018.D
 Acq: 20 Oct 2022 12:34

Instrument :
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 ClientSampleId :
 LSP-SS-04-05-15

Tgt Ion: 75 Resp: 46
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.0 113.9#
 157 0.0 47.8 143.3#



#95
 Naphthalene
 Concen: 3.564 ug/l
 RT: 15.245 min Scan# 2202
 Delta R.T. 0.012 min
 Lab File: VY011018.D
 Acq: 20 Oct 2022 12:34

Tgt Ion: 128 Resp: 246
 Ion Ratio Lower Upper
 128 100
 127 0.0 11.0 16.4#
 129 9.3 8.4 12.6

