

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019784.D
 Acq On : 03 Oct 2024 13:44
 Operator : SY/MD
 Sample : P4276-01
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-208

Quant Time: Oct 04 01:26:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

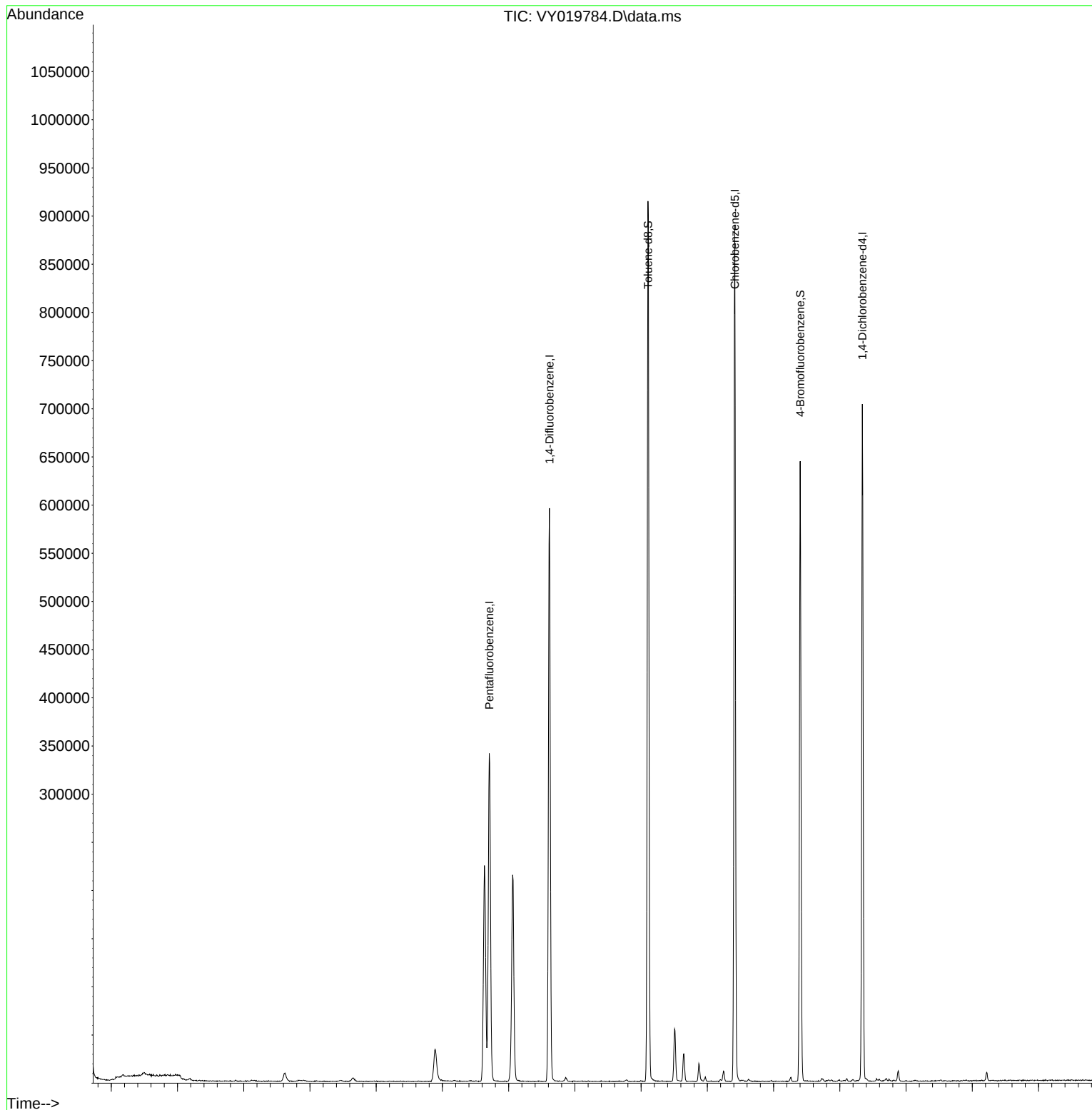
Internal Standards						
1) Pentafluorobenzene	7.707	168	250293	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	492097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	447570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	162738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165113	71.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.480%	
35) Dibromofluoromethane	7.634	113	160892	57.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.340%	
50) Toluene-d8	10.103	98	590626	57.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.460%	
62) 4-Bromofluorobenzene	12.402	95	194705	49.068	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.140%	
Target Compounds						
64) Tetrachloroethene	10.646	164	5737	2.070	ug/l	Qvalue 95

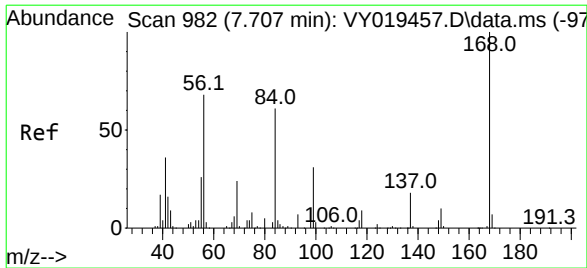
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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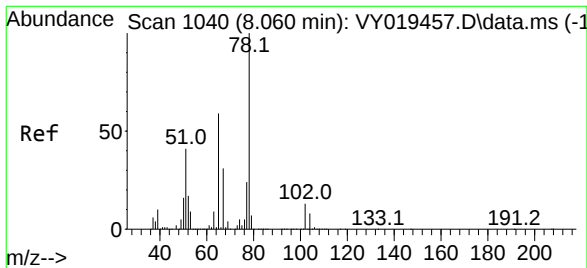
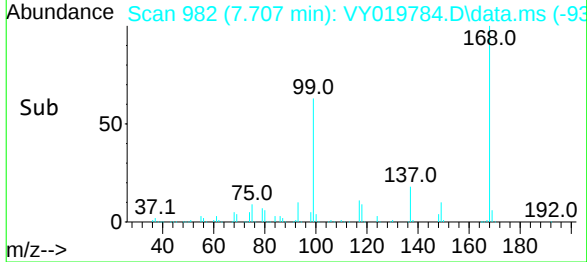
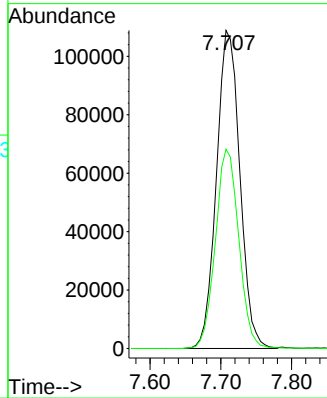
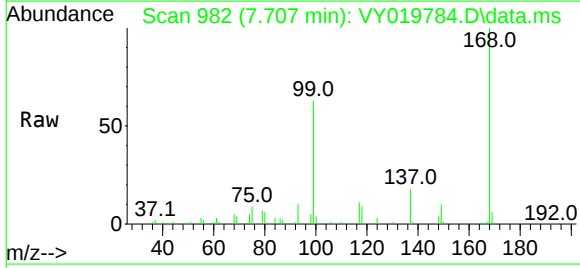




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

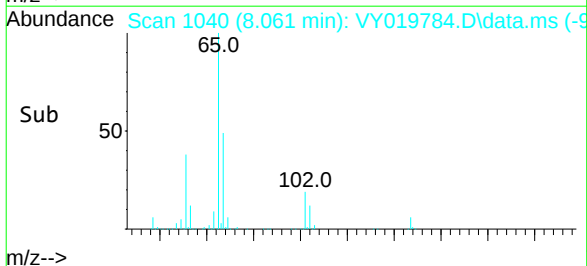
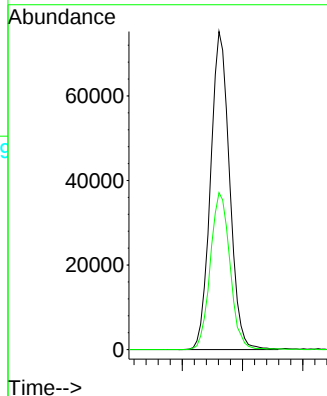
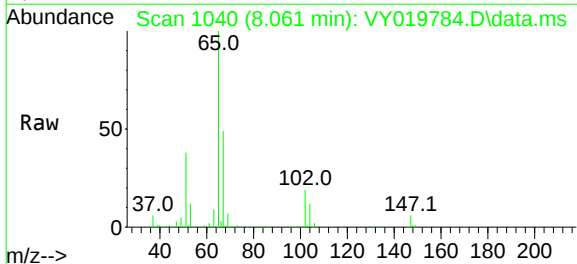
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

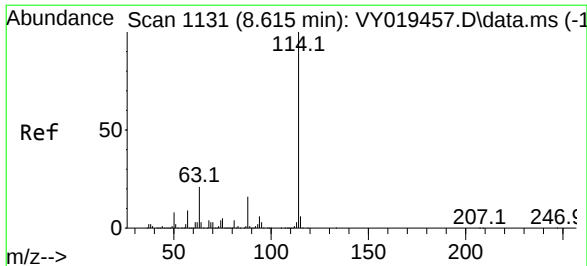
Tgt Ion:168 Resp: 250293
Ion Ratio Lower Upper
168 100
99 62.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 71.241 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

Tgt Ion: 65 Resp: 165113
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6

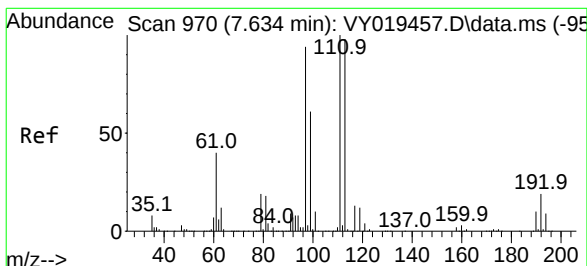
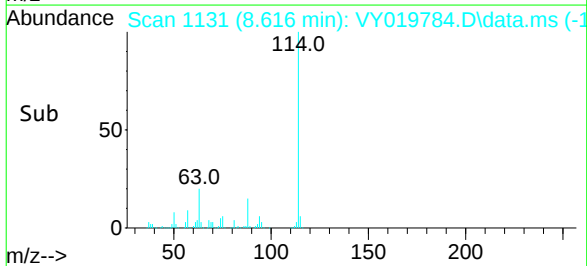
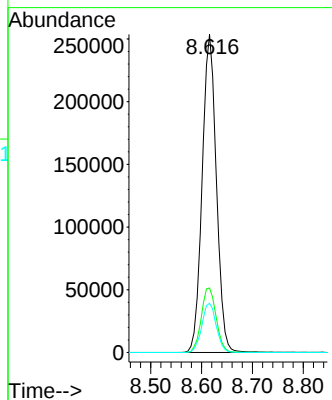
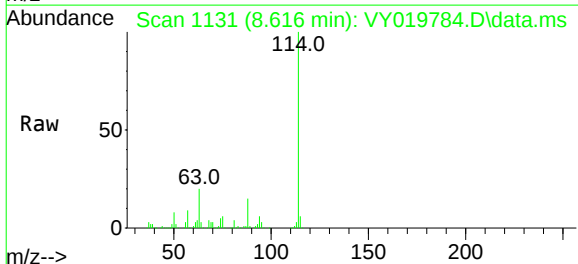




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

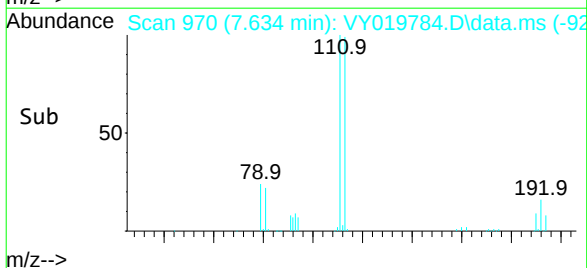
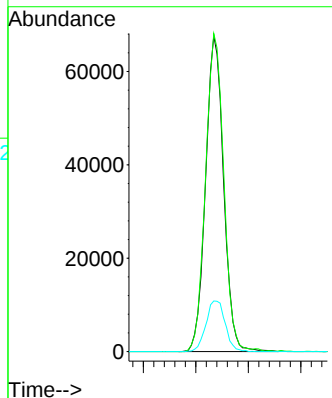
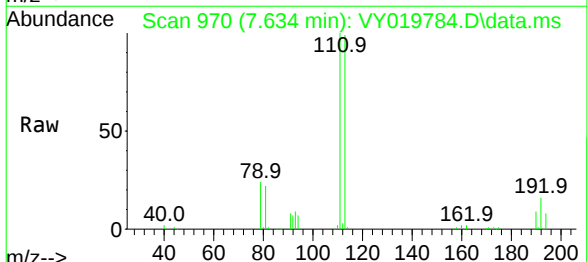
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

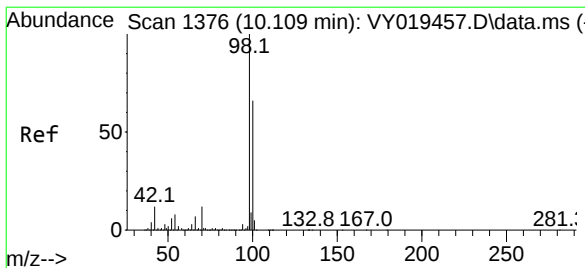
Tgt Ion:	114	Resp:	492097
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	35.0
88	15.4	0.0	27.2



#35
Dibromofluoromethane
Concen: 57.665 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

Tgt Ion:	113	Resp:	160892
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	17.2	15.9	23.9





#50

Toluene-d8

Concen: 57.232 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019784.D

Acq: 03 Oct 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

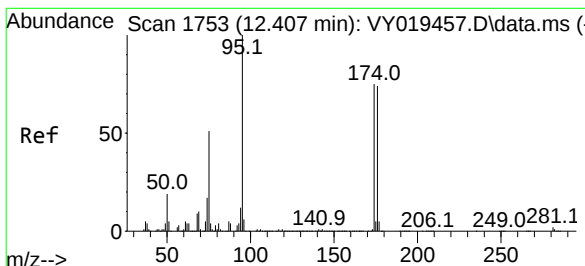
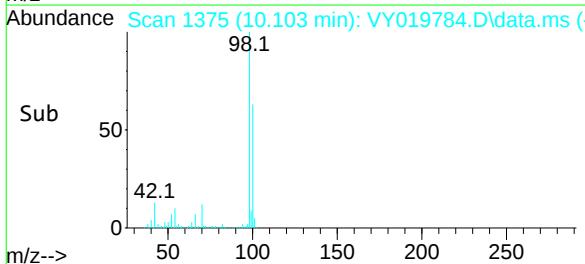
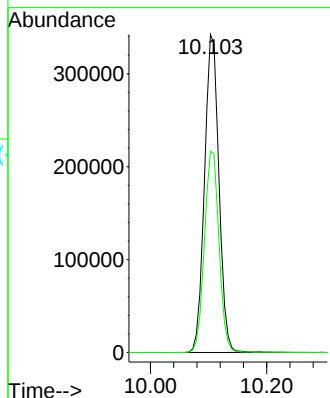
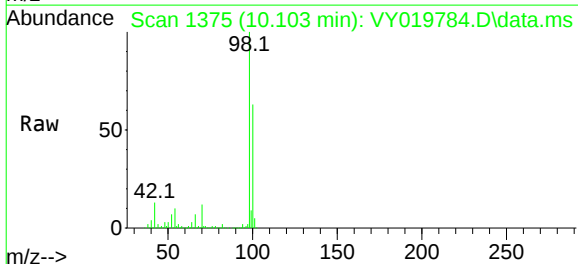
VNJ-208

Tgt Ion: 98 Resp: 590626

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.068 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019784.D

Acq: 03 Oct 2024 13:44

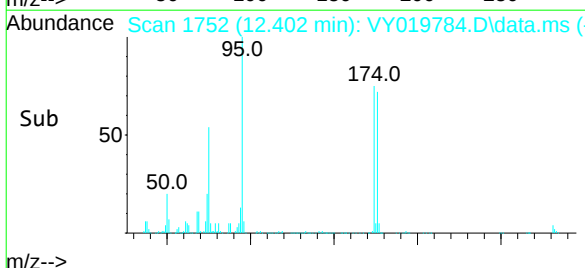
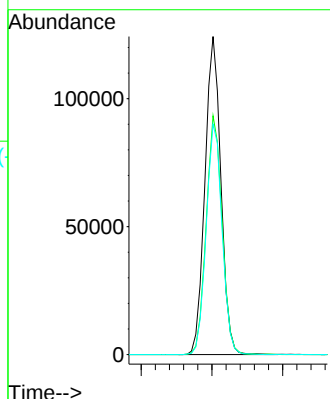
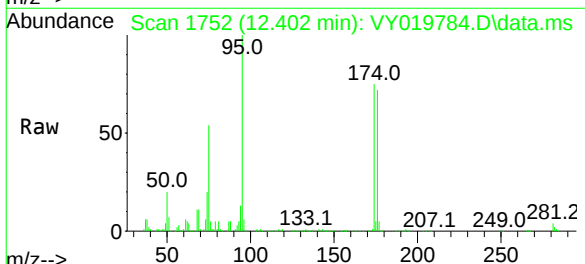
Tgt Ion: 95 Resp: 194705

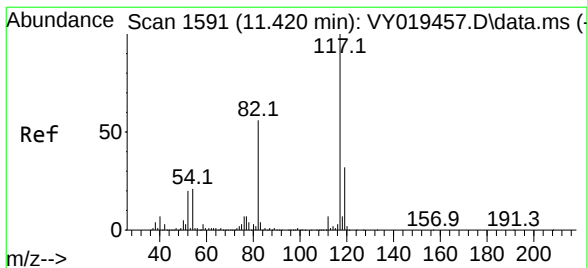
Ion Ratio Lower Upper

95 100

174 74.9 0.0 175.6

176 72.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY019784.D

Acq: 03 Oct 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-208

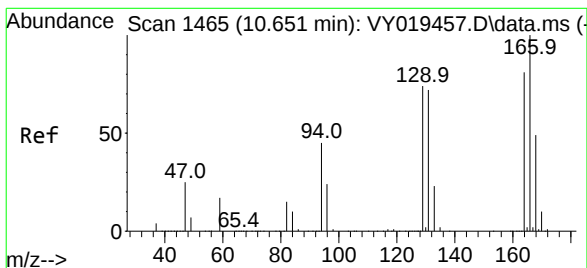
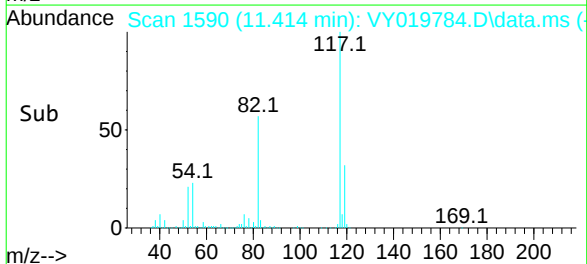
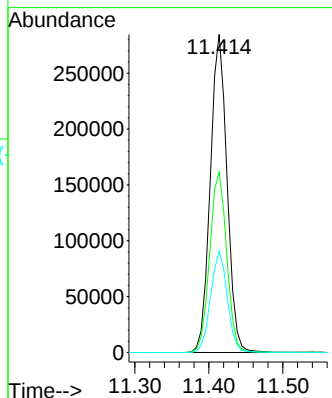
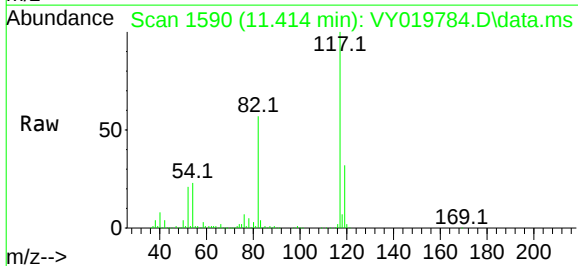
Tgt Ion:117 Resp: 447570

Ion Ratio Lower Upper

117 100

82 56.7 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 2.070 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019784.D

Acq: 03 Oct 2024 13:44

Tgt Ion:164 Resp: 5737

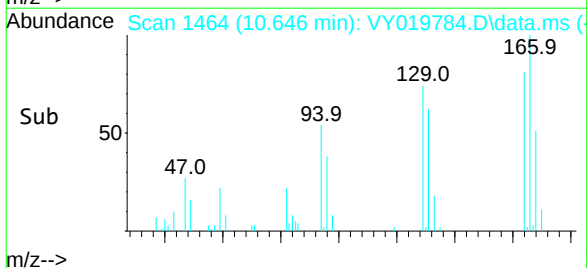
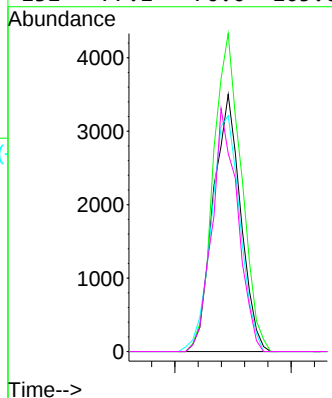
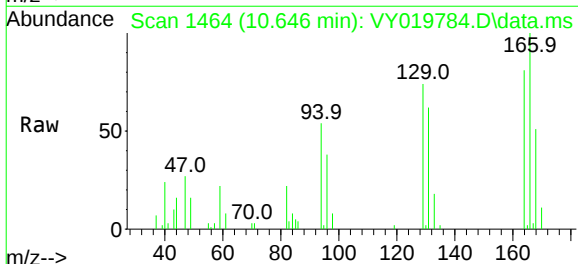
Ion Ratio Lower Upper

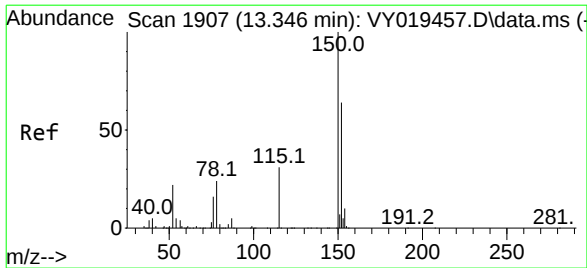
164 100

166 123.7 102.6 154.0

129 91.7 72.0 108.0

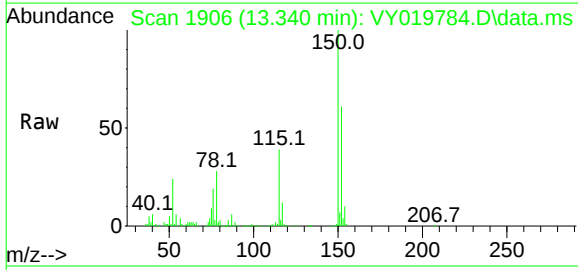
131 77.1 70.0 105.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY019784.D
 Acq: 03 Oct 2024 13:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-208



Tgt Ion:152 Resp: 162738
 Ion Ratio Lower Upper
 152 100
 115 62.3 28.2 84.7
 150 161.0 0.0 345.6

