

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021625.D
 Acq On : 24 Mar 2025 17:58
 Operator : SY/MD
 Sample : Q1630-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

Quant Time: Mar 25 01:32:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

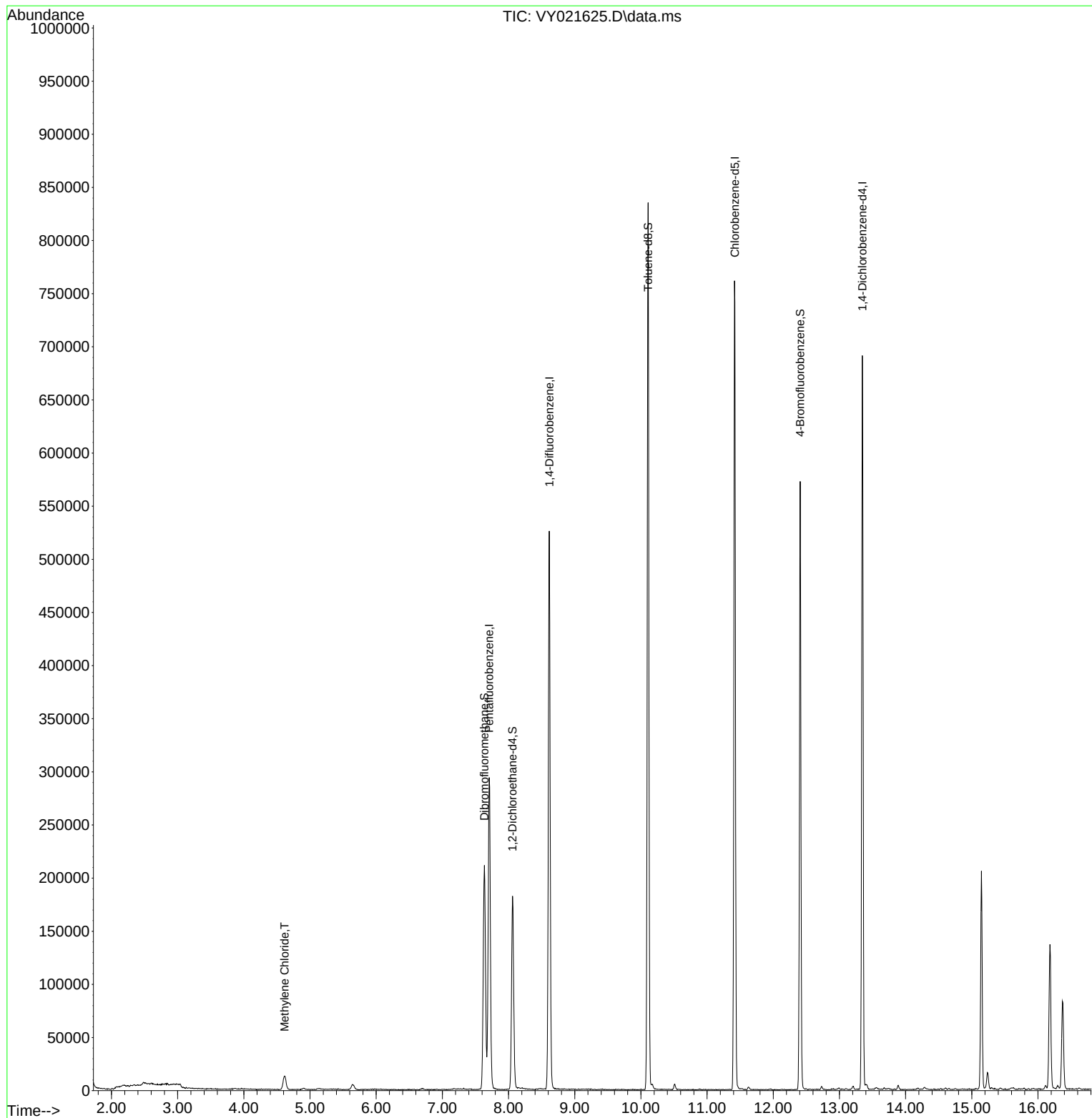
Internal Standards						
1) Pentafluorobenzene	7.707	168	217386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	422062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	393683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	166236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142335	61.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.900%	
35) Dibromofluoromethane	7.634	113	146059	52.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.300%	
50) Toluene-d8	10.109	98	528149	50.279	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.408	95	165864	46.420	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.840%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.616	84	9593	3.647	ug/l	# 87

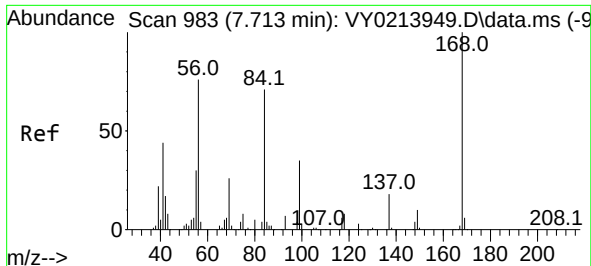
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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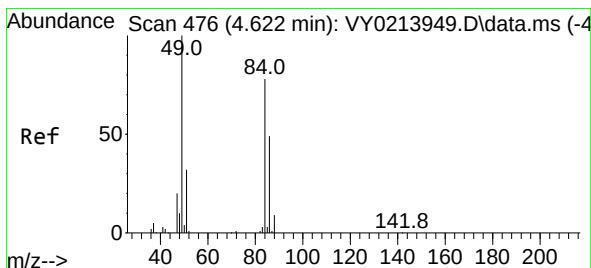
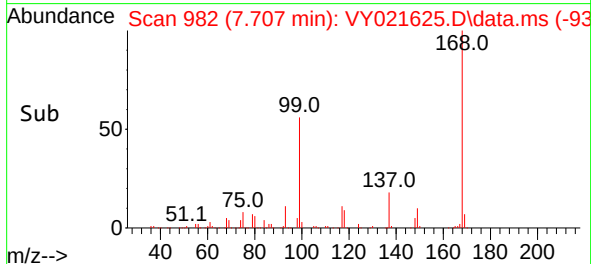
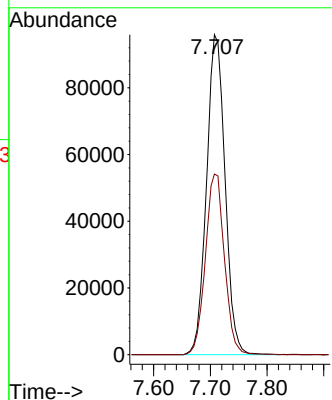
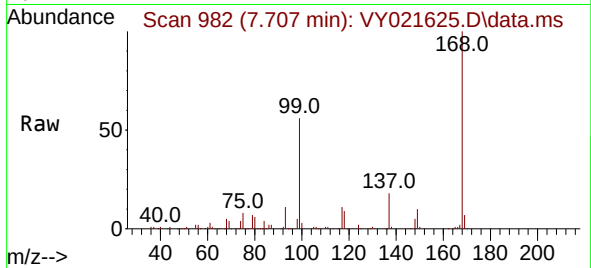




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

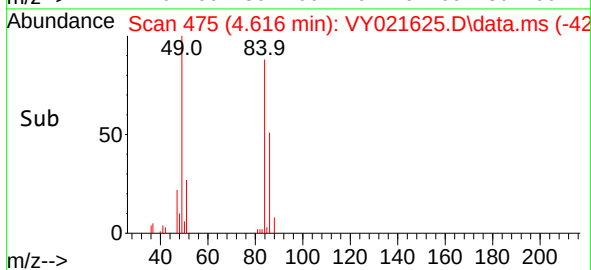
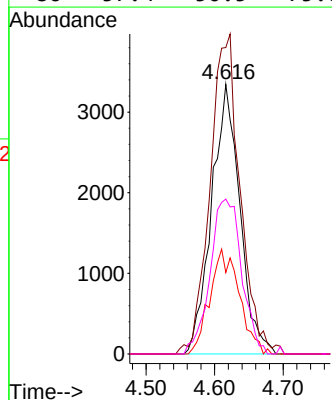
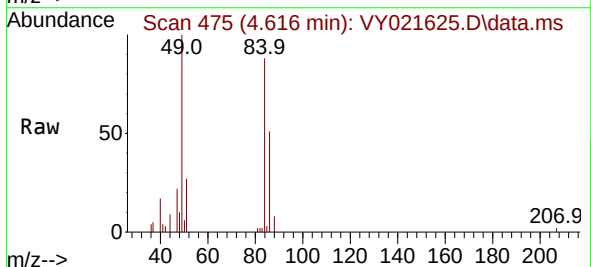
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

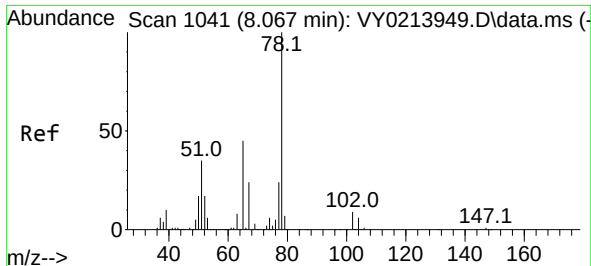
Tgt Ion:168 Resp: 217386
Ion Ratio Lower Upper
168 100
99 56.4 46.0 69.0



#20
Methylene Chloride
Concen: 3.647 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

Tgt Ion: 84 Resp: 9593
Ion Ratio Lower Upper
84 100
49 111.6 102.0 153.0
51 30.2 33.0 49.6#
86 57.4 50.5 75.7

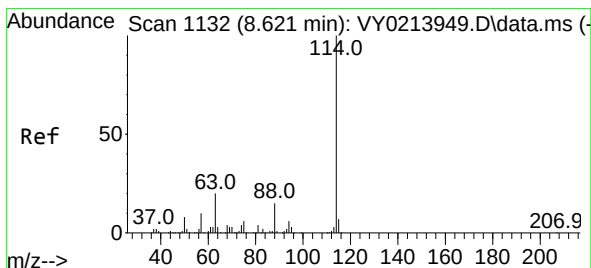
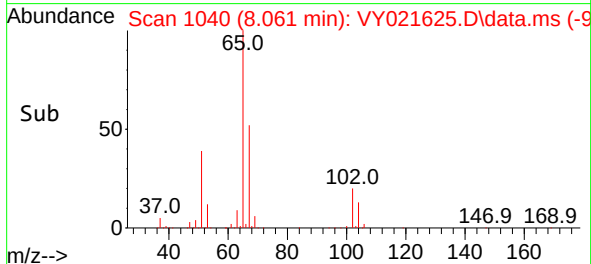
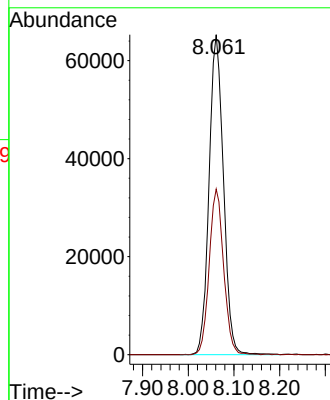
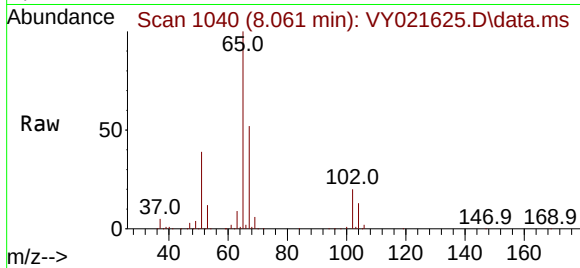




#33
1,2-Dichloroethane-d4
Concen: 61.948 ug/l
RT: 8.061 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

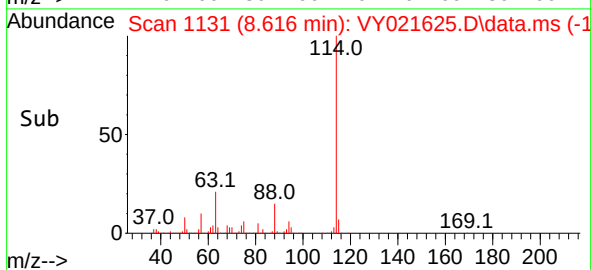
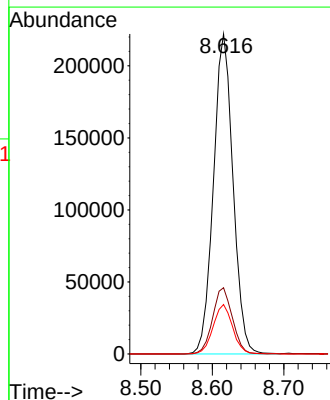
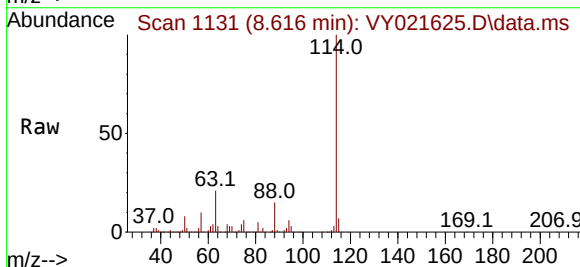
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

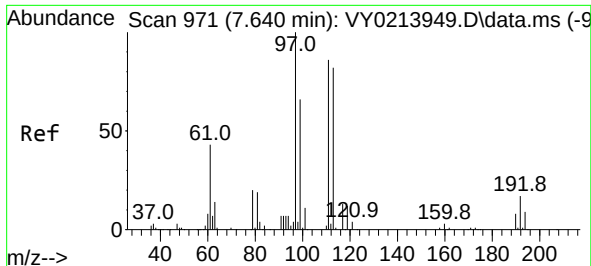
Tgt Ion: 65 Resp: 142335
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

Tgt Ion: 114 Resp: 422062
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.4 0.0 30.8

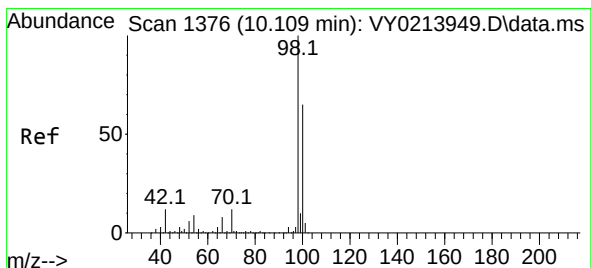
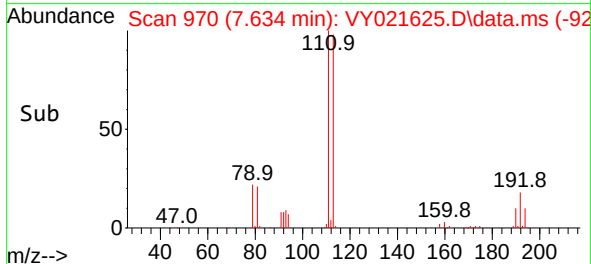
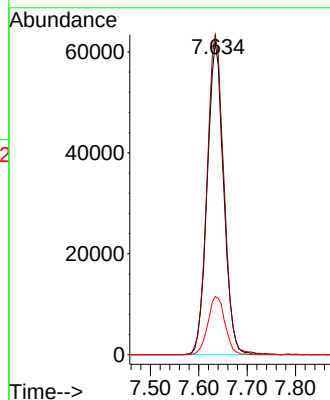
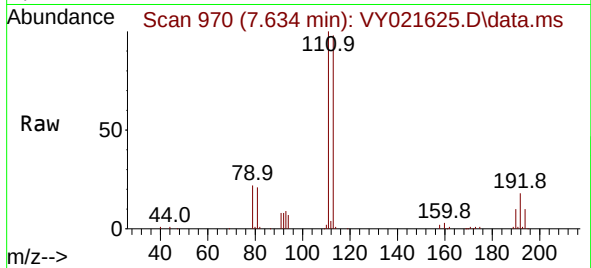




#35
 Dibromofluoromethane
 Concen: 52.648 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY021625.D
 Acq: 24 Mar 2025 17:58

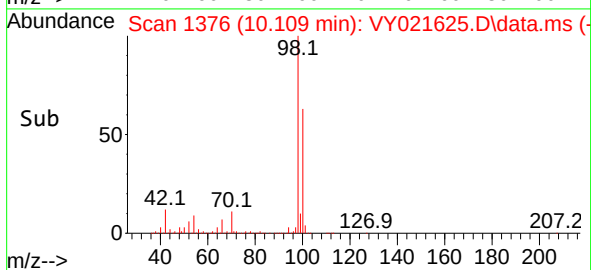
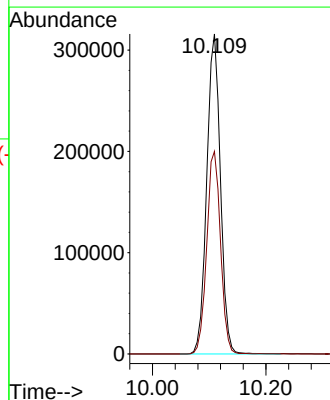
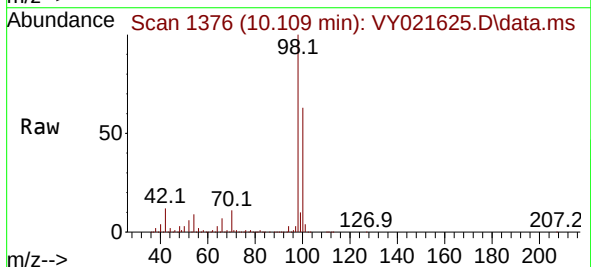
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

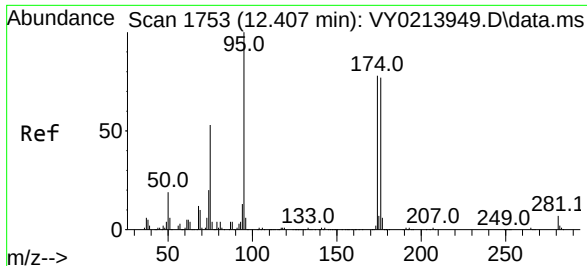
Tgt Ion:113 Resp: 146059
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.0 123.0
 192 19.3 15.9 23.9



#50
 Toluene-d8
 Concen: 50.279 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. 0.000 min
 Lab File: VY021625.D
 Acq: 24 Mar 2025 17:58

Tgt Ion: 98 Resp: 528149
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.1 78.1

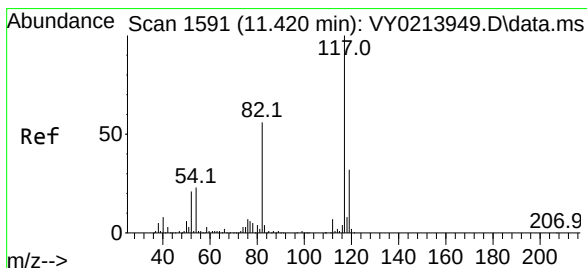
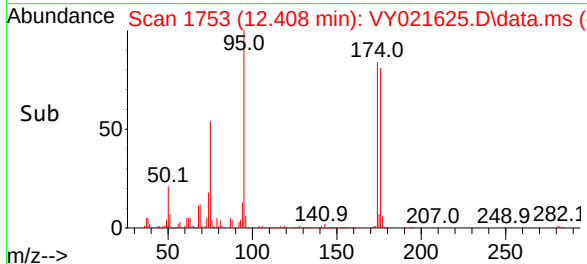
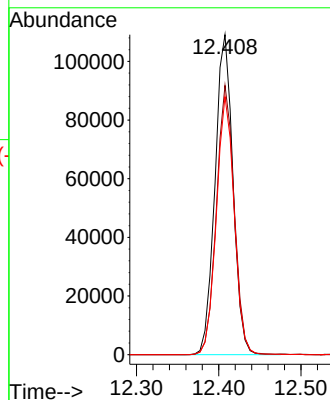
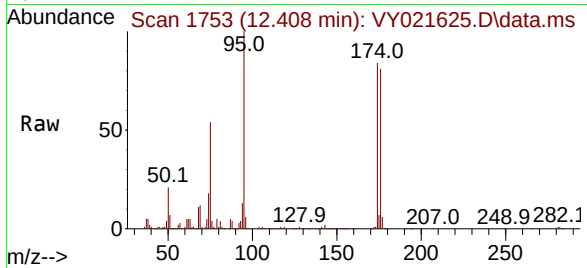




#62
4-Bromofluorobenzene
Concen: 46.420 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

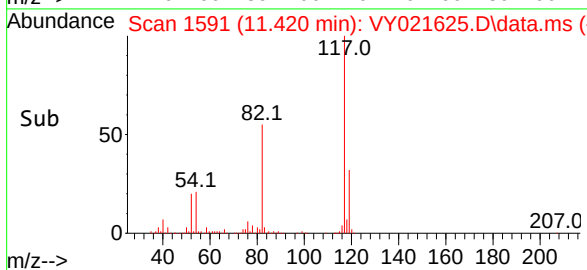
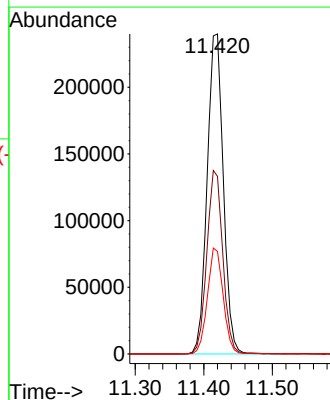
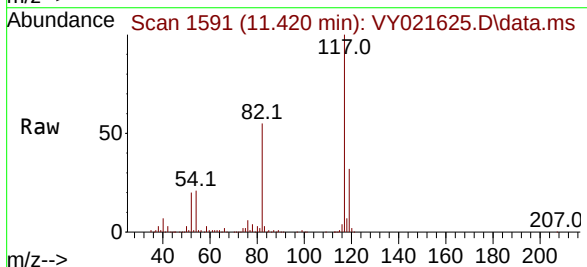
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

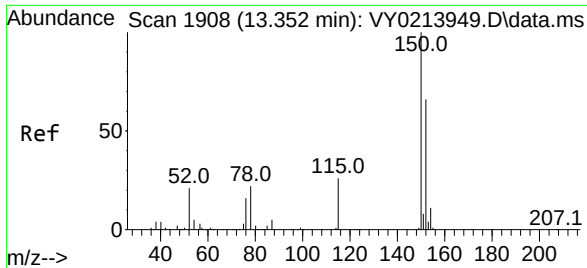
Tgt Ion: 95 Resp: 165864
Ion Ratio Lower Upper
95 100
174 83.6 0.0 165.0
176 80.1 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

Tgt Ion: 117 Resp: 393683
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 32.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021625.D

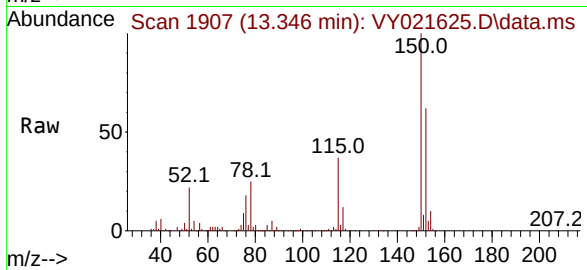
Acq: 24 Mar 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-206



Tgt Ion:152 Resp: 166236

Ion Ratio Lower Upper

152 100

115 58.5 29.0 87.0

150 158.0 0.0 347.2

