

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023332.D
 Acq On : 10 Sep 2025 14:49
 Operator : SY/MD
 Sample : Q3065-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-204

Quant Time: Sep 11 03:50:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

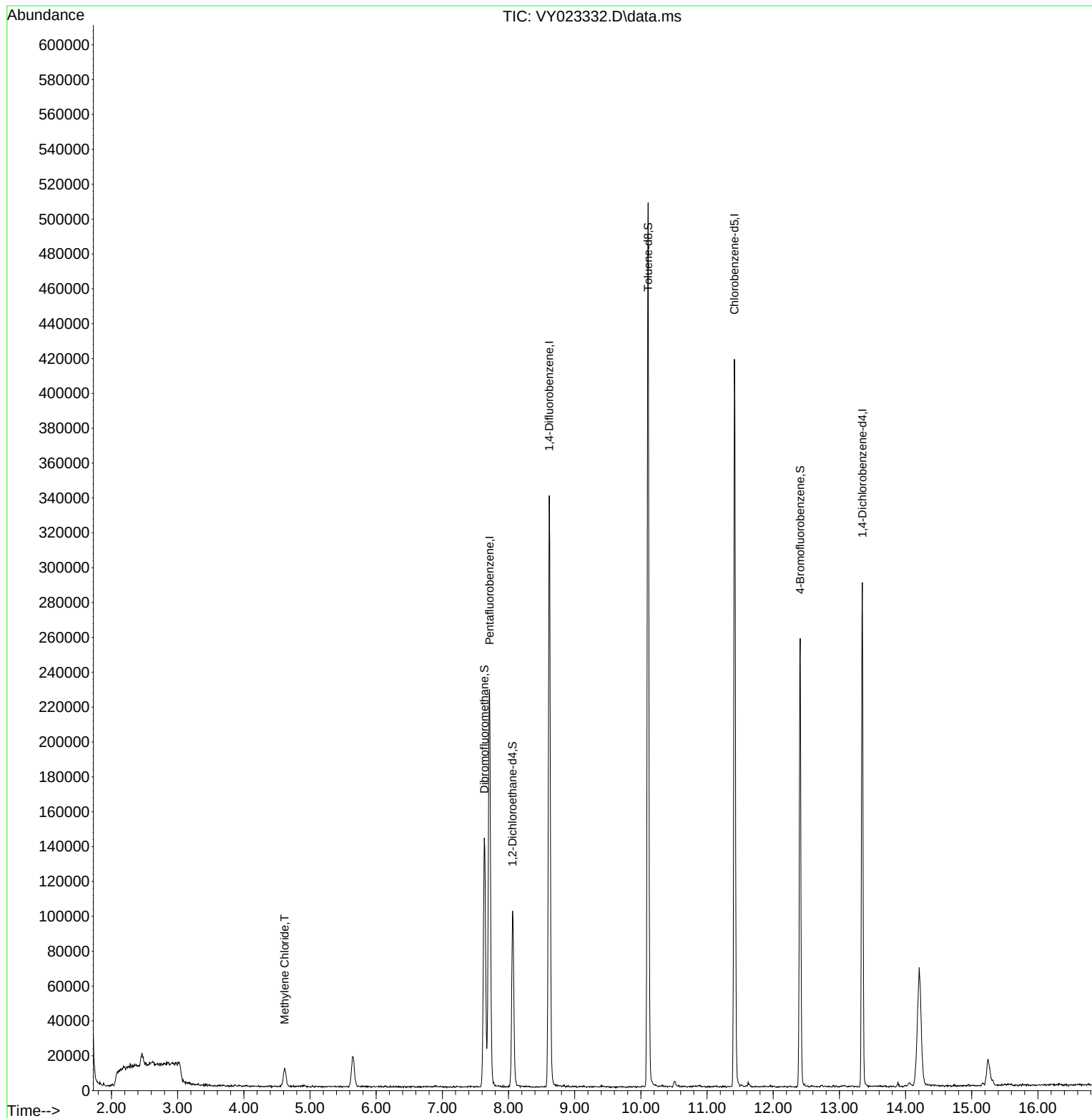
Internal Standards						
1) Pentafluorobenzene	7.713	168	190328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	302262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	239008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	78546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	78793	47.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.220%
35) Dibromofluoromethane	7.634	113	100868	54.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.180%
50) Toluene-d8	10.109	98	346029	49.598	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.407	95	77891	35.477	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.960%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.616	84	8066	3.958	ug/l	88

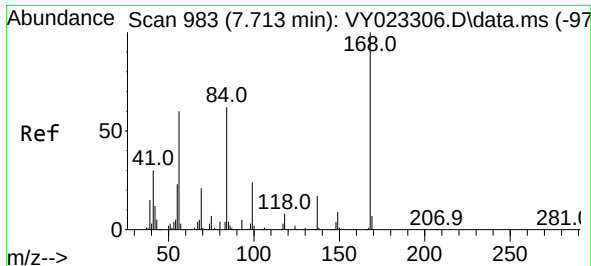
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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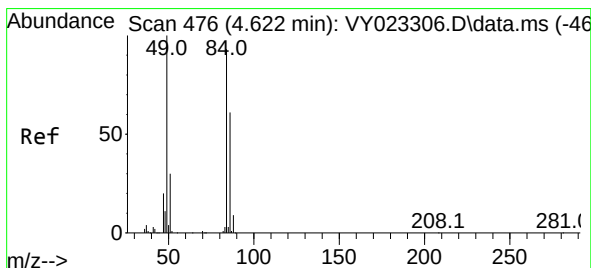
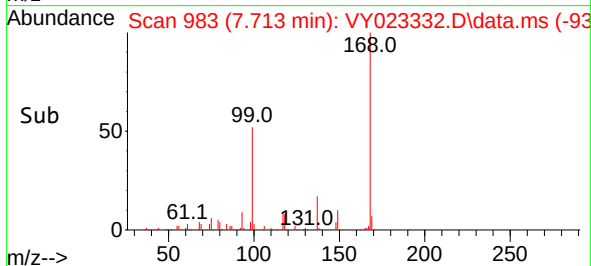
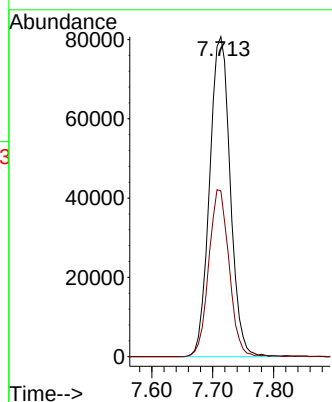
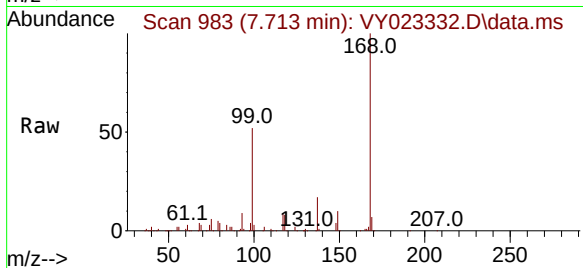




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

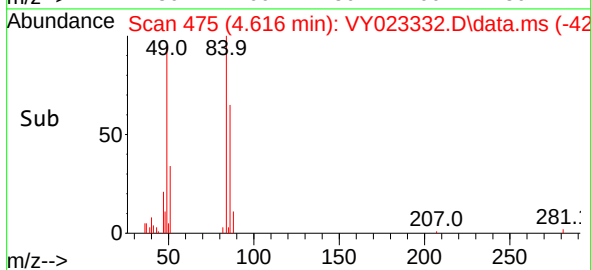
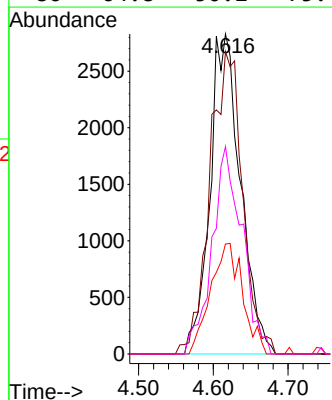
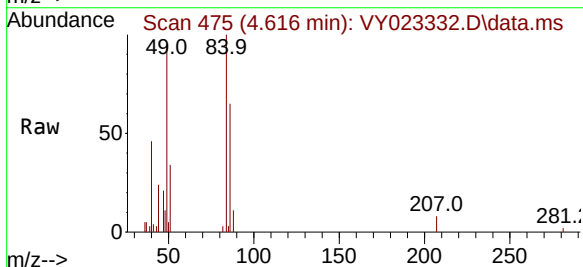
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

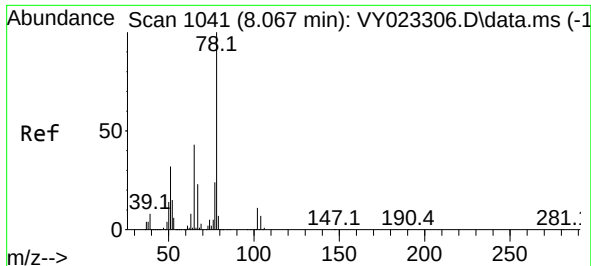
Tgt Ion:168 Resp: 190328
Ion Ratio Lower Upper
168 100
99 51.8 42.8 64.2



#20
Methylene Chloride
Concen: 3.958 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

Tgt Ion: 84 Resp: 8066
Ion Ratio Lower Upper
84 100
49 94.5 93.0 139.6
51 34.4 29.0 43.4
86 64.8 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 47.113 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023332.D

Acq: 10 Sep 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

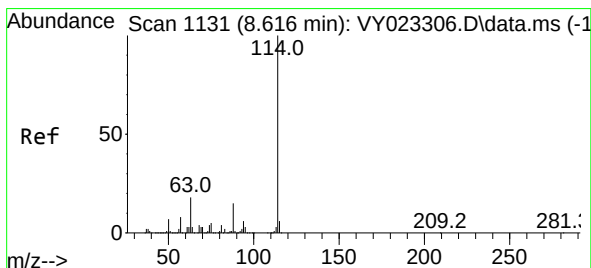
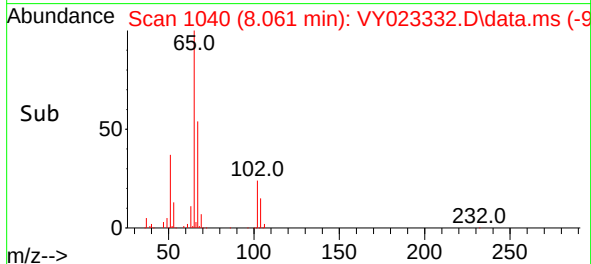
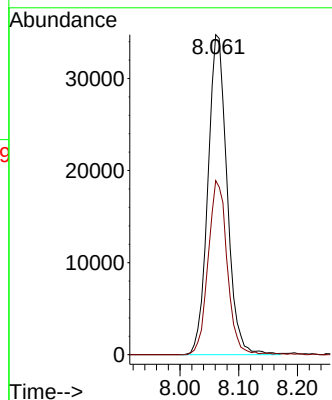
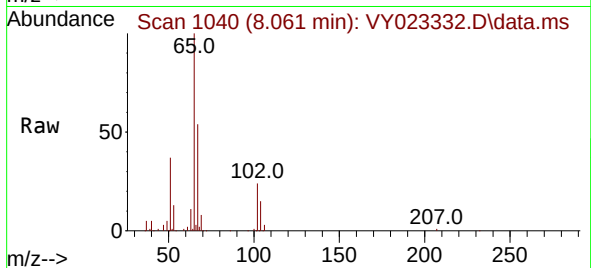
VNJ-204

Tgt Ion: 65 Resp: 78793

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023332.D

Acq: 10 Sep 2025 14:49

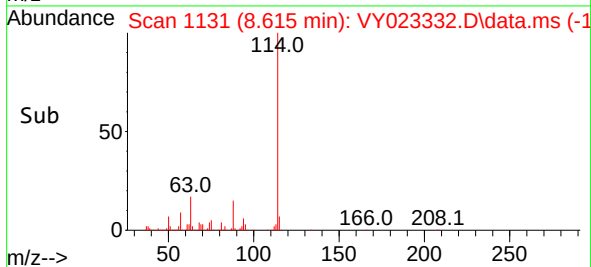
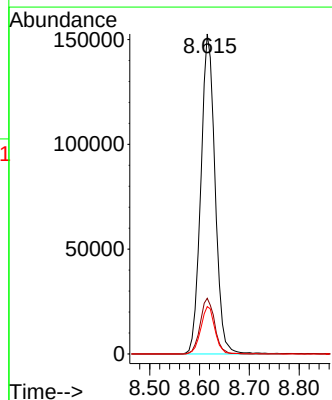
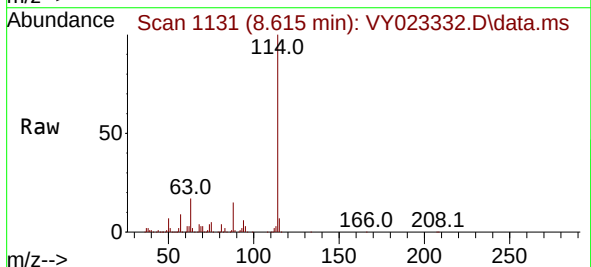
Tgt Ion: 114 Resp: 302262

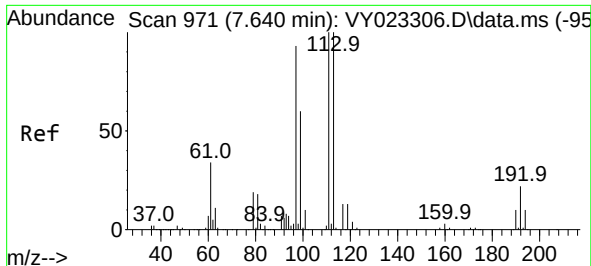
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.4

88 14.8 0.0 30.0

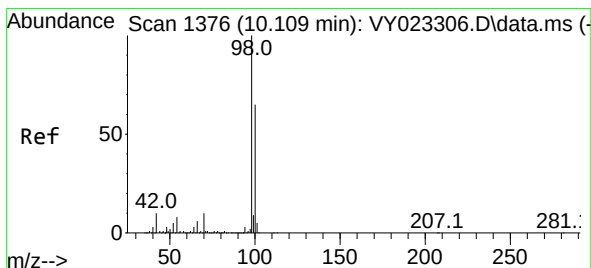
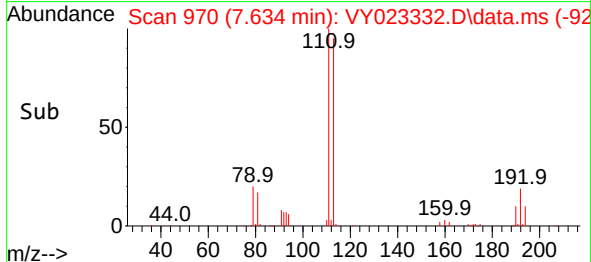
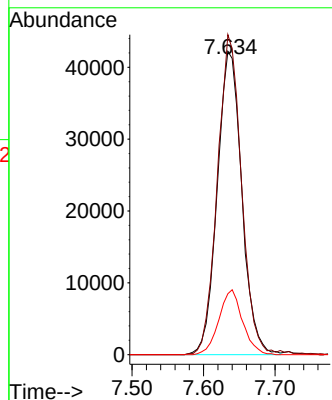
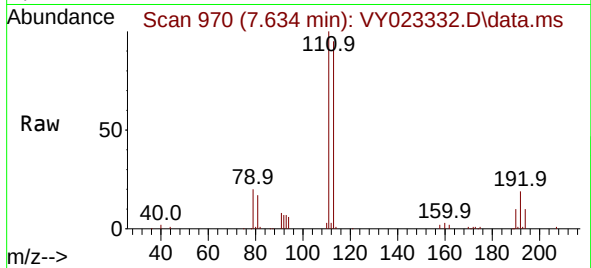




#35
 Dibromofluoromethane
 Concen: 54.593 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY023332.D
 Acq: 10 Sep 2025 14:49

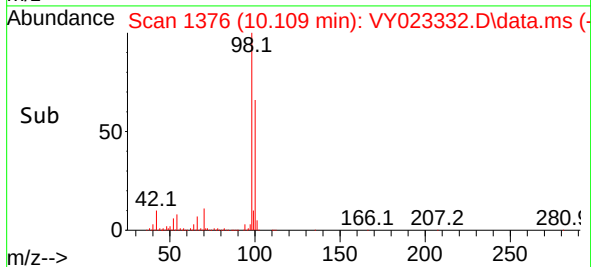
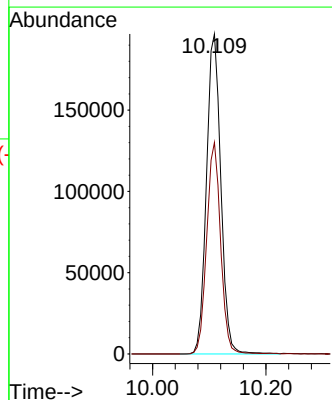
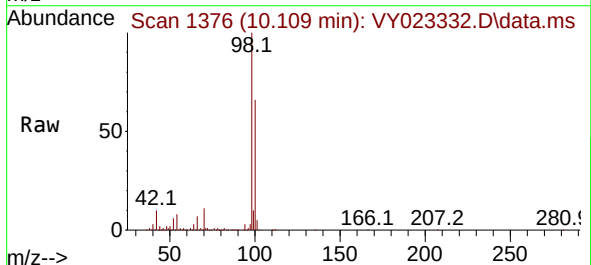
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-204

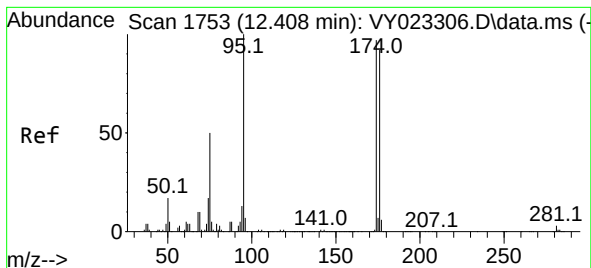
Tgt Ion:113 Resp: 100868
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.1 121.7
 192 20.6 16.2 24.4



#50
 Toluene-d8
 Concen: 49.598 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. 0.006 min
 Lab File: VY023332.D
 Acq: 10 Sep 2025 14:49

Tgt Ion: 98 Resp: 346029
 Ion Ratio Lower Upper
 98 100
 100 64.0 52.3 78.5

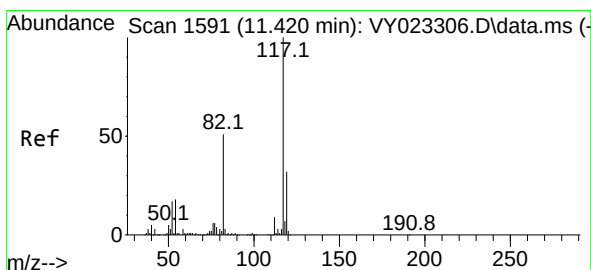
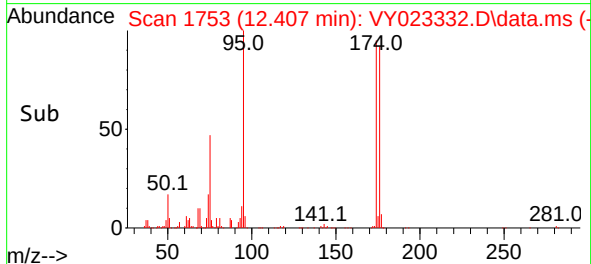
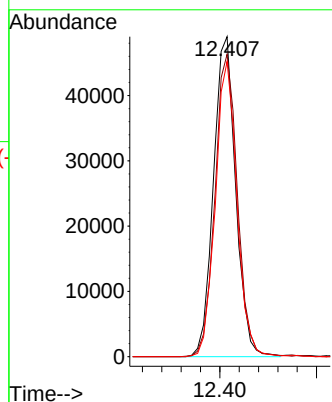
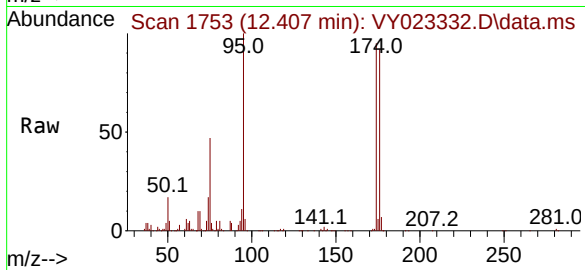




#62
4-Bromofluorobenzene
Concen: 35.477 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

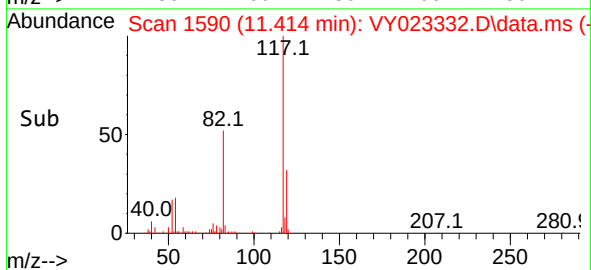
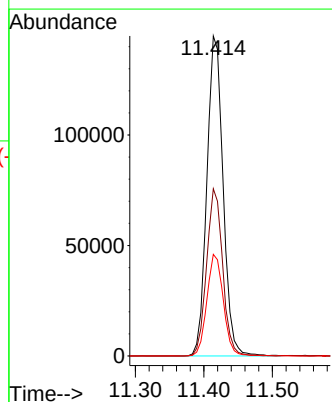
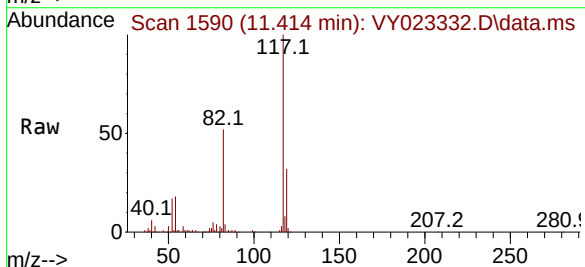
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

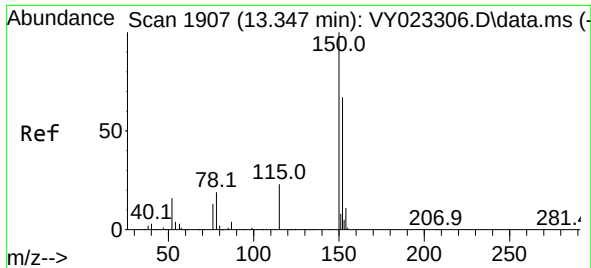
Tgt Ion: 95 Resp: 77891
Ion Ratio Lower Upper
95 100
174 95.4 0.0 171.6
176 89.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

Tgt Ion: 117 Resp: 239008
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 31.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023332.D

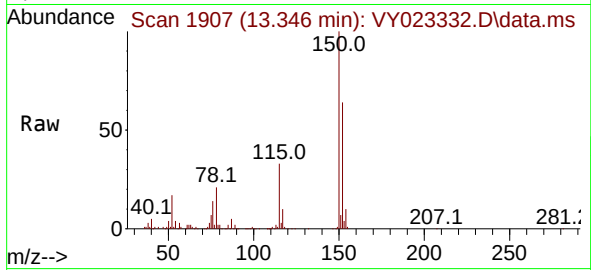
Acq: 10 Sep 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-204



Tgt Ion:152 Resp: 78546

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.6

150 161.5 0.0 348.0

