

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020857.D
 Acq On : 17 Jan 2025 15:57
 Operator : SY/MD
 Sample : Q1103-02RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241-VOCRE

Quant Time: Jan 17 23:27:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	14237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	21373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	16480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	4450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	7649	63.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.420%
35) Dibromofluoromethane	7.634	113	7046	52.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.240%
50) Toluene-d8	10.109	98	23624	50.611	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.407	95	5926	34.379	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.760%

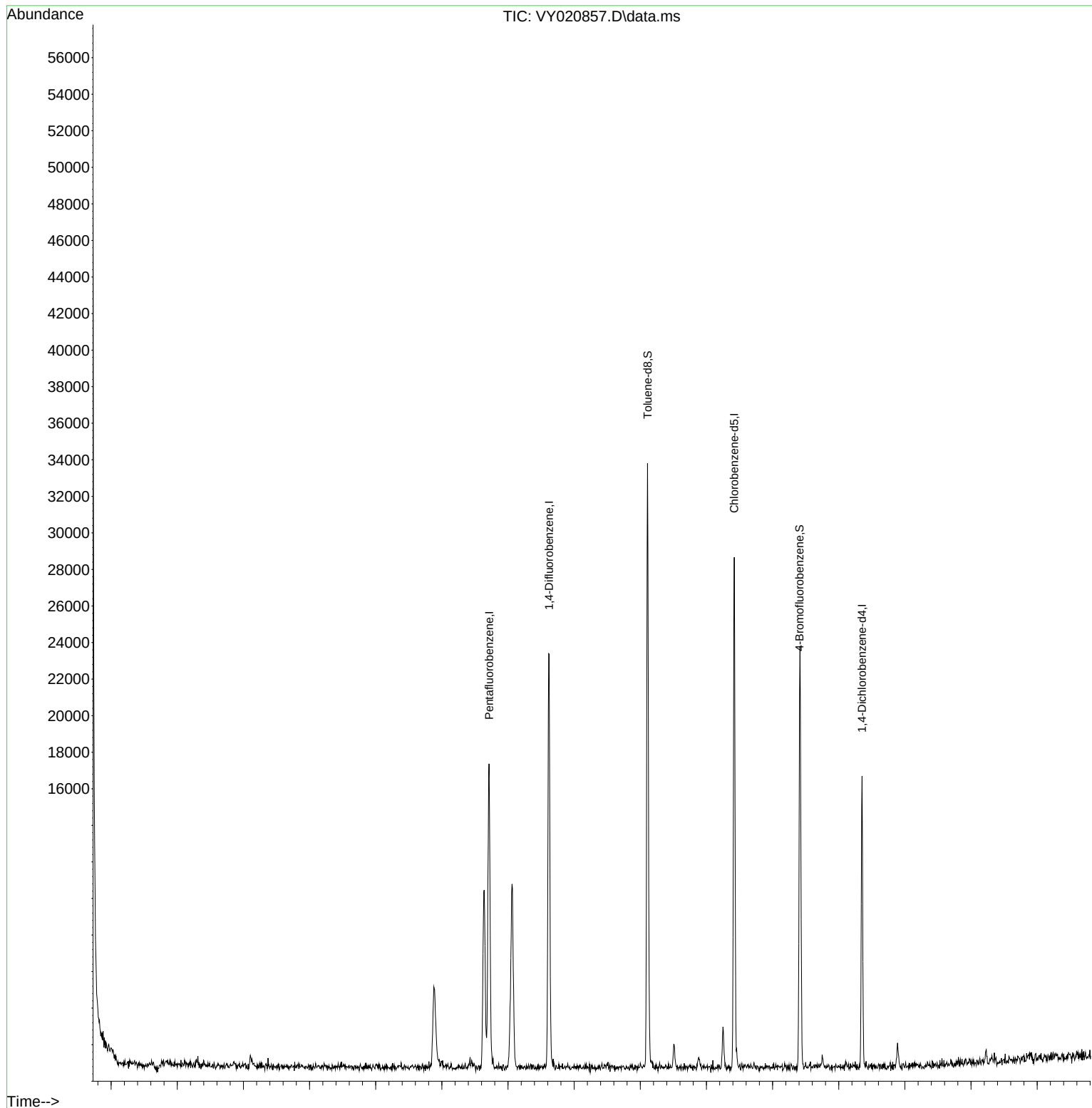
Target Compounds Qvalue

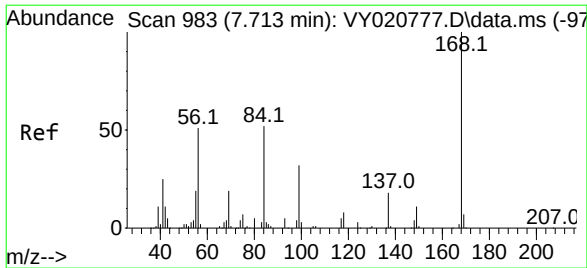
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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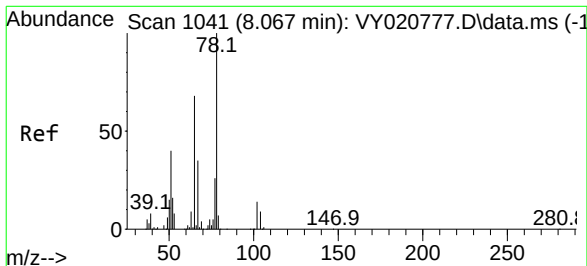
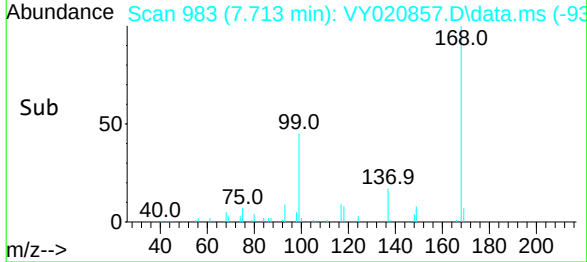
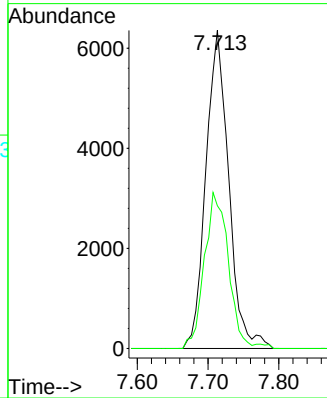
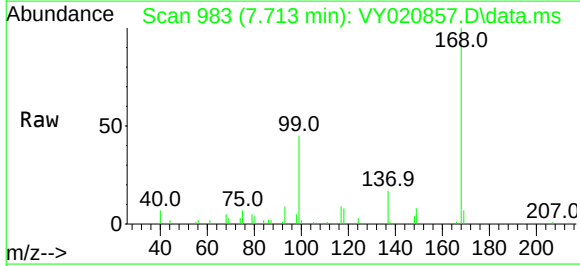




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

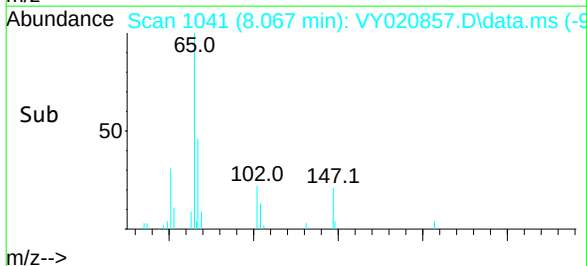
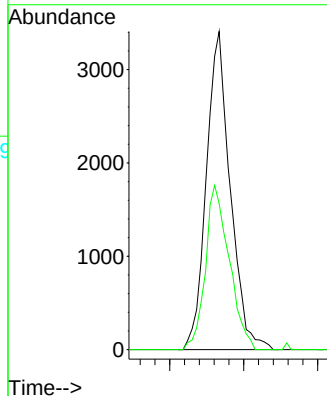
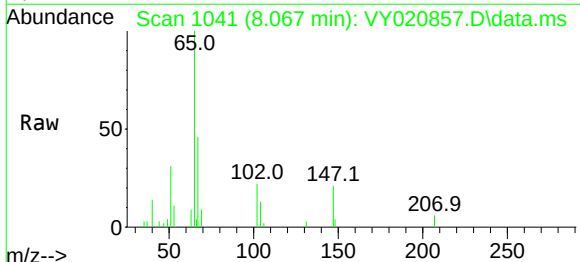
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241-VOCRE

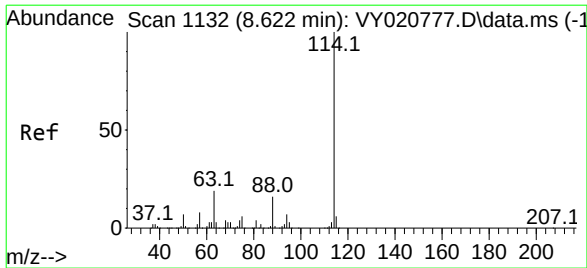
Tgt Ion:168 Resp: 14237
Ion Ratio Lower Upper
168 100
99 44.9 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 63.210 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Tgt Ion: 65 Resp: 7649
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.8

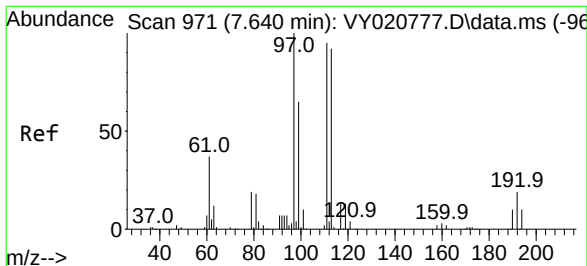
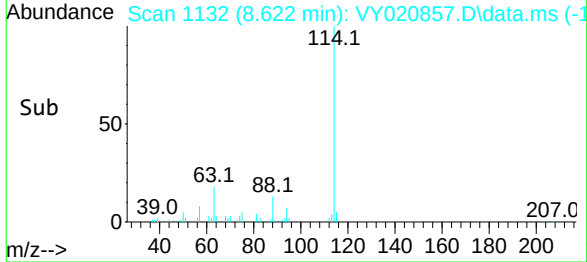
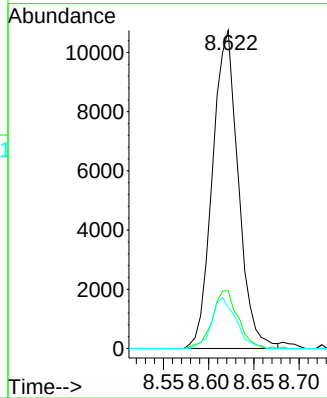
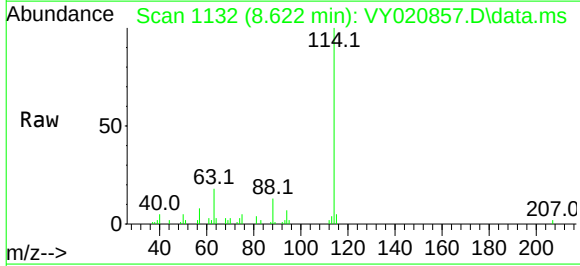




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

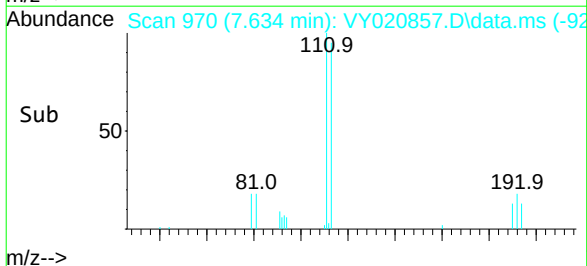
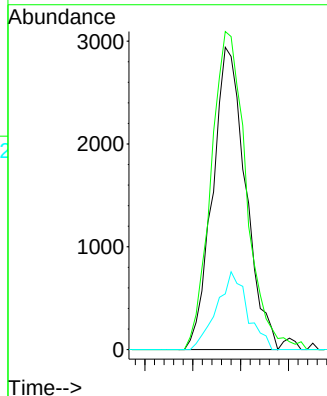
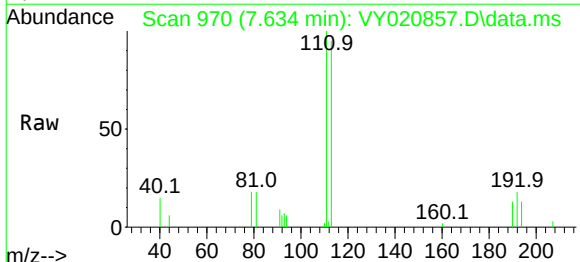
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241-VOCRE

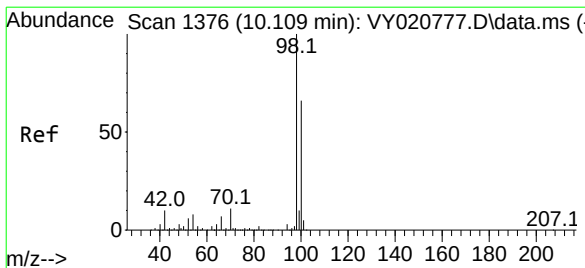
Tgt Ion:	114	Resp:	21373
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.4
88	13.0	0.0	31.2



#35
Dibromofluoromethane
Concen: 52.621 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Tgt Ion:	113	Resp:	7046
Ion	Ratio	Lower	Upper
113	100		
111	112.3	81.7	122.5
192	24.0	16.7	25.1





#50

Toluene-d8

Concen: 50.611 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020857.D

Acq: 17 Jan 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

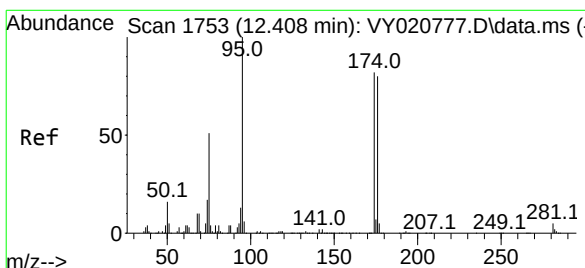
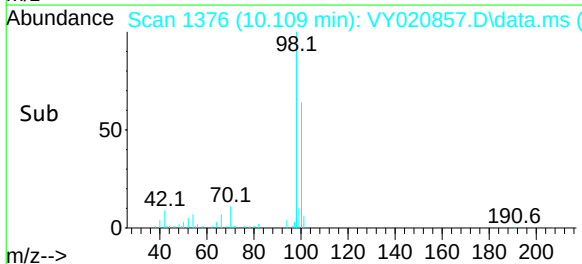
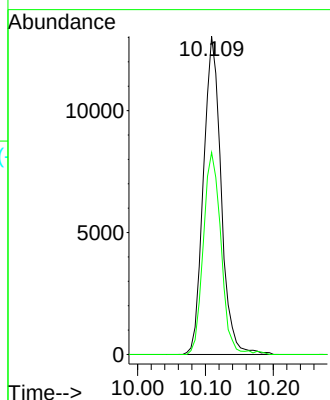
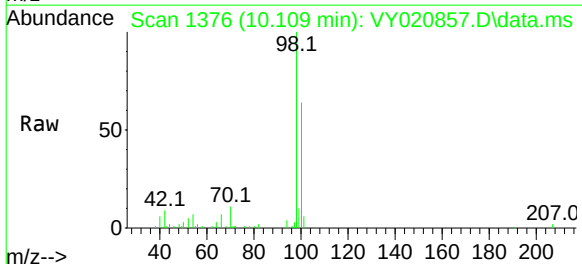
VNJ-241-VOCRE

Tgt Ion: 98 Resp: 23624

Ion Ratio Lower Upper

98 100

100 63.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 34.379 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY020857.D

Acq: 17 Jan 2025 15:57

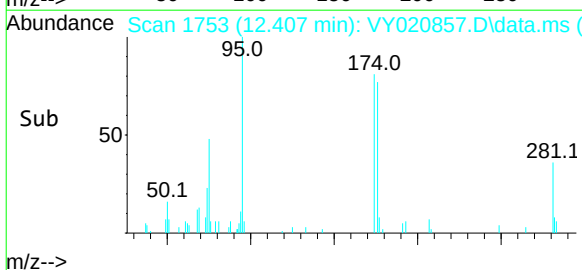
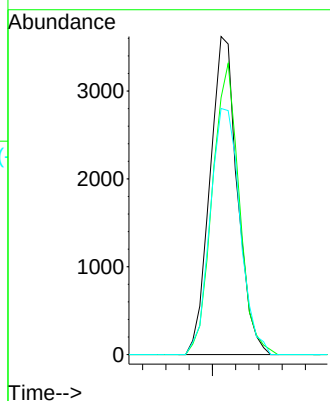
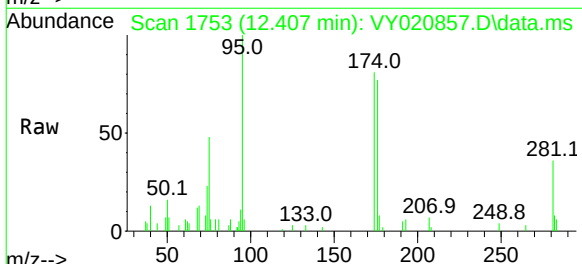
Tgt Ion: 95 Resp: 5926

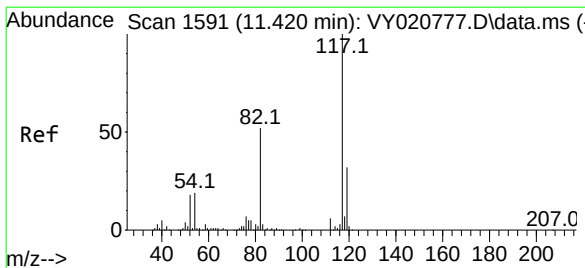
Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.0

176 84.4 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY020857.D

Acq: 17 Jan 2025 15:57

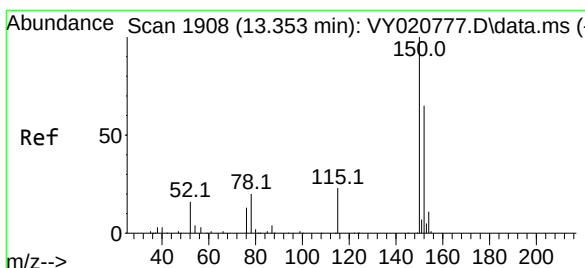
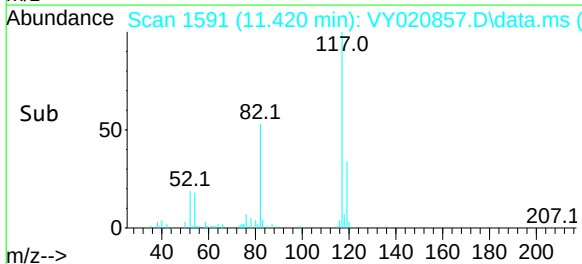
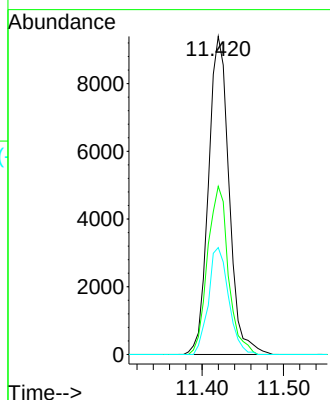
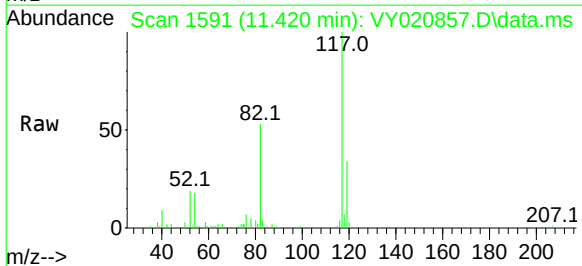
Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241-VOCRE

Tgt Ion:	117	Resp:	16480
Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.8	62.6
119	33.6	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020857.D

Acq: 17 Jan 2025 15:57

Tgt Ion:	152	Resp:	4450
Ion	Ratio	Lower	Upper
152	100		
115	55.1	29.0	87.0
150	156.9	0.0	347.4

