

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020878.D
 Acq On : 20 Jan 2025 13:48
 Operator : SY/MD
 Sample : Q1134-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-1-011725

Quant Time: Jan 21 00:41:31 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)

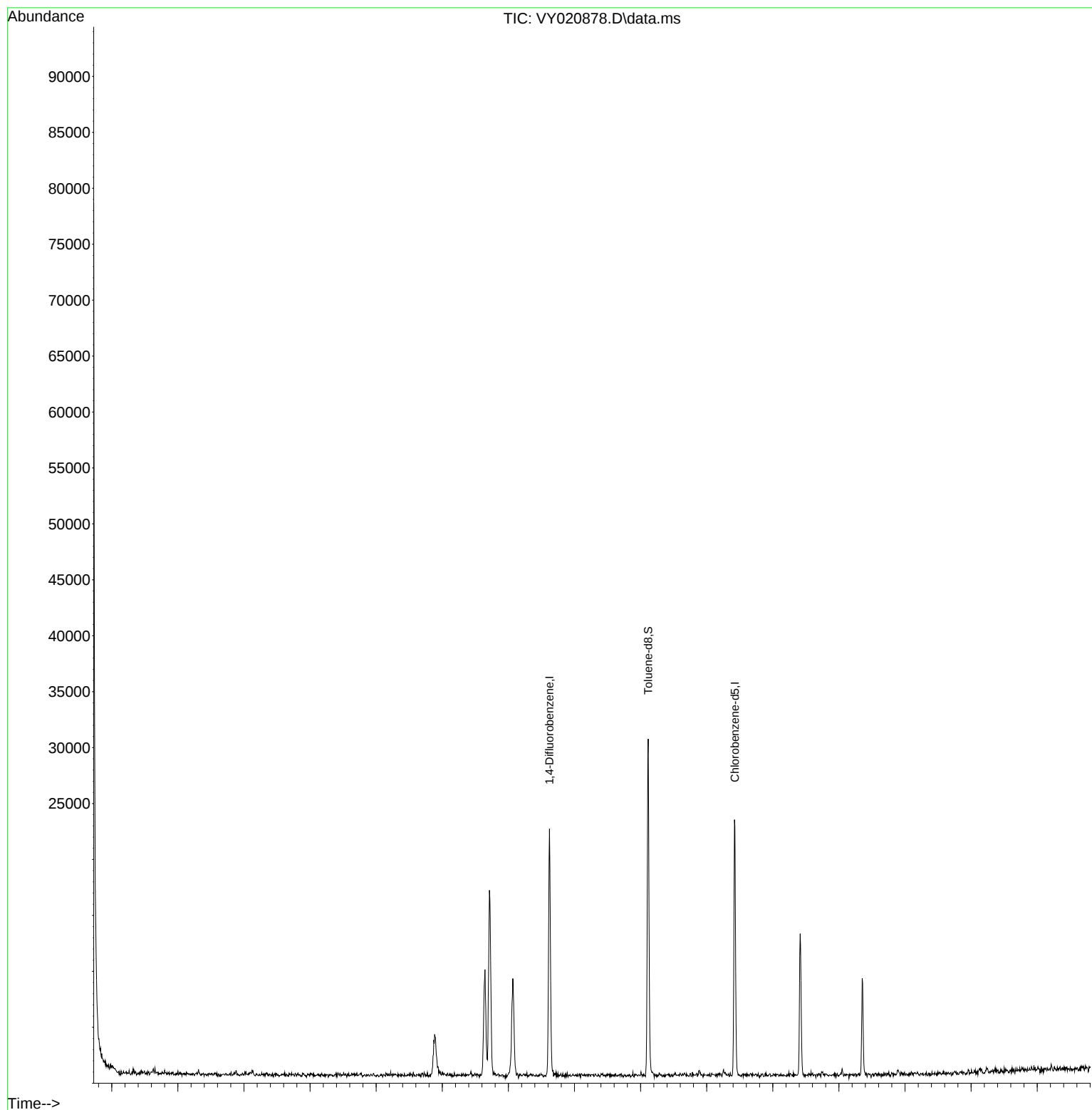
Internal Standards						
1) Pentafluorobenzene	7.713	168	14295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	20087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	14141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	2588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	6366	52.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.780%
35) Dibromofluoromethane	7.646	113	7192	57.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.300%
50) Toluene-d8	10.115	98	21468	48.936	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.414	95	4031	24.883	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	49.760%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.048	105	431	2.653	ug/l	Qvalue 84

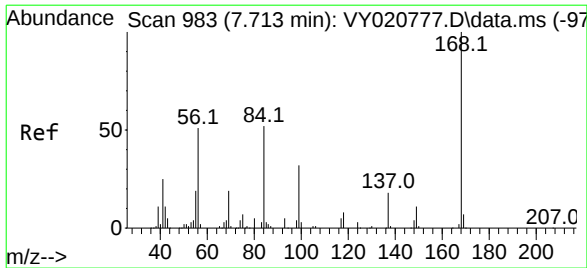
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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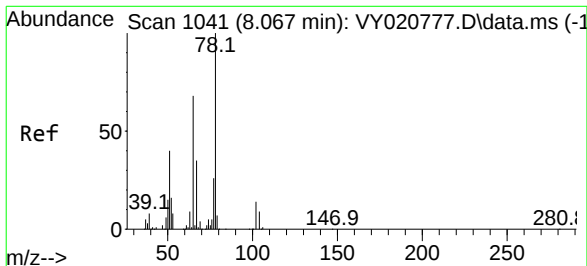
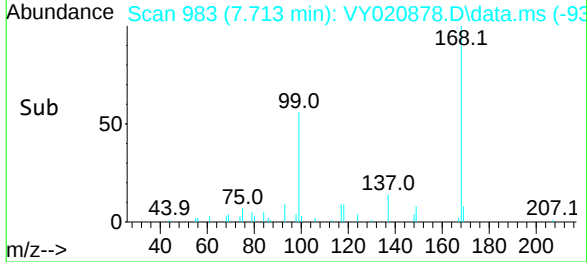
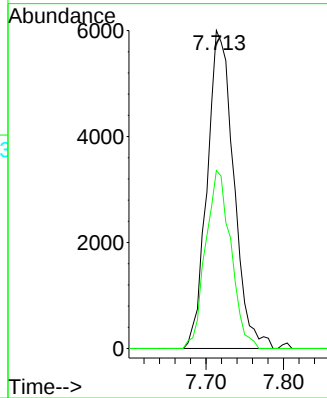
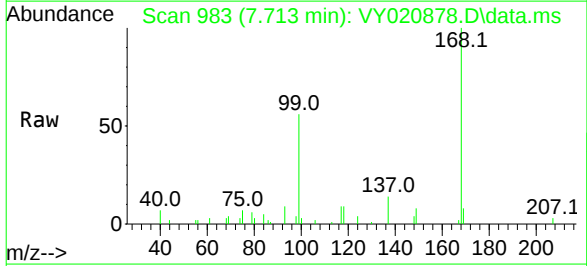




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020878.D
Acq: 20 Jan 2025 13:48

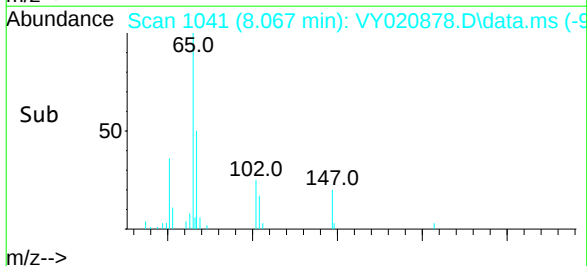
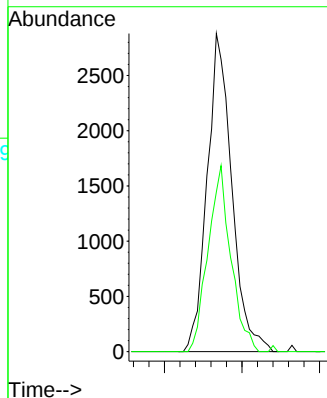
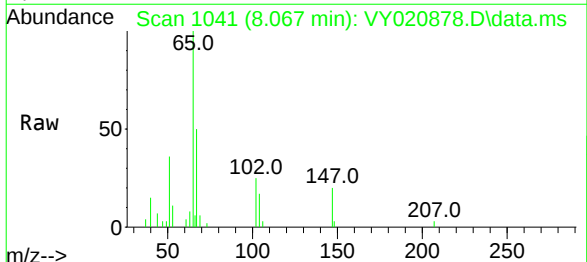
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-011725

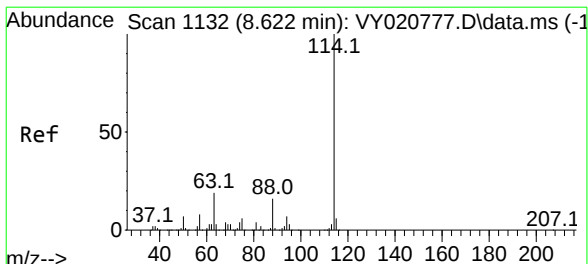
Tgt Ion:168 Resp: 14295
Ion Ratio Lower Upper
168 100
99 55.9 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 52.394 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020878.D
Acq: 20 Jan 2025 13:48

Tgt Ion: 65 Resp: 6366
Ion Ratio Lower Upper
65 100
67 54.1 0.0 102.8

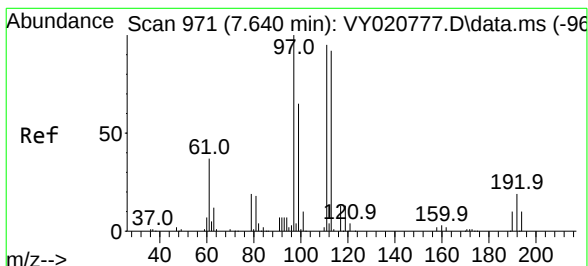
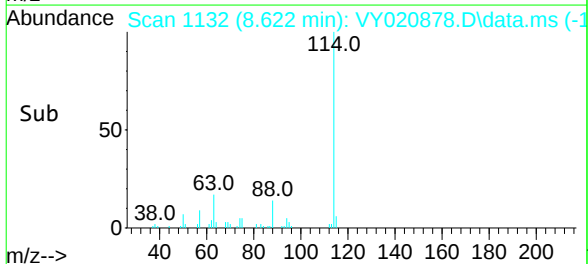
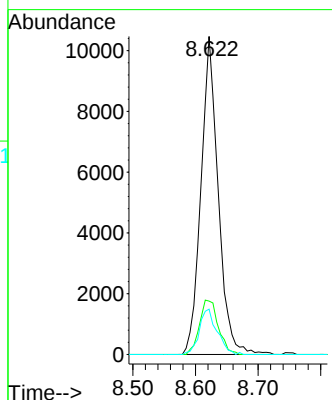
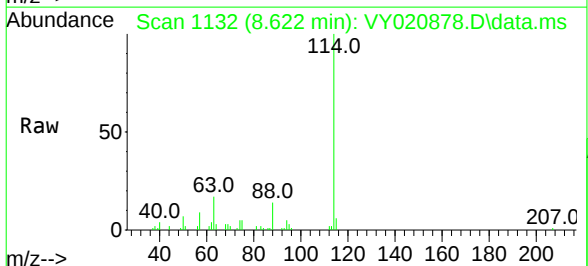




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020878.D
 Acq: 20 Jan 2025 13:48

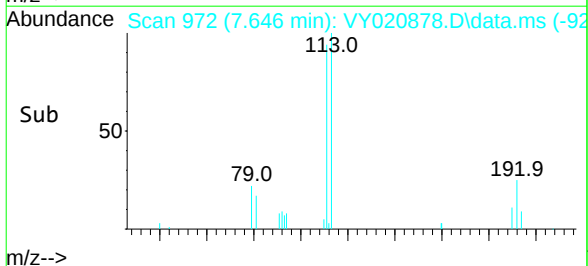
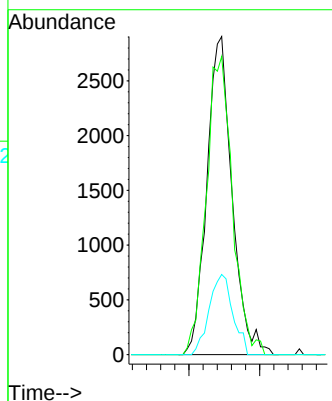
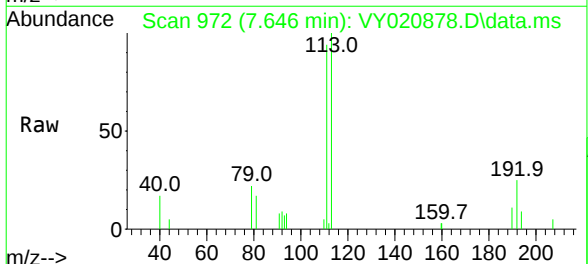
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-1-011725

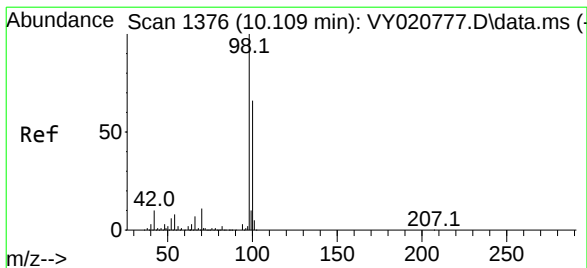
Tgt Ion:	114	Resp:	20087
Ion Ratio	Lower	Upper	
114	100		
63	16.8	0.0	38.4
88	14.2	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 57.150 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.006 min
 Lab File: VY020878.D
 Acq: 20 Jan 2025 13:48

Tgt Ion:	113	Resp:	7192
Ion Ratio	Lower	Upper	
113	100		
111	97.4	81.7	122.5
192	23.6	16.7	25.1





#50

Toluene-d8

Concen: 48.936 ug/l

RT: 10.115 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY020878.D

Acq: 20 Jan 2025 13:48

Instrument :

MSVOA_Y

ClientSampleId :

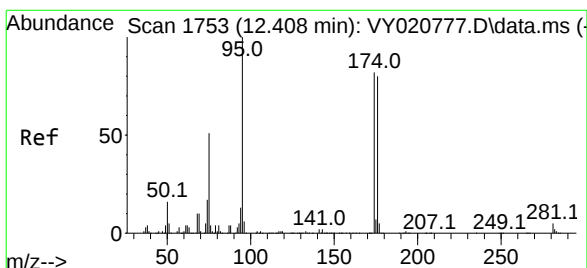
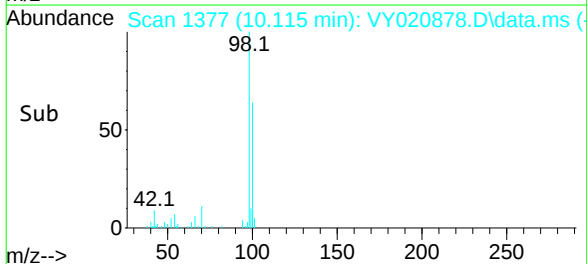
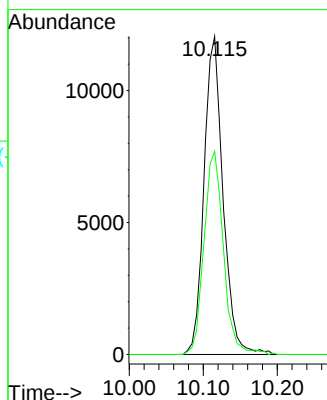
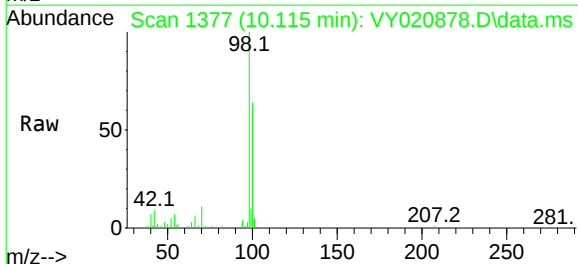
EO-1-011725

Tgt Ion: 98 Resp: 21468

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 24.883 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020878.D

Acq: 20 Jan 2025 13:48

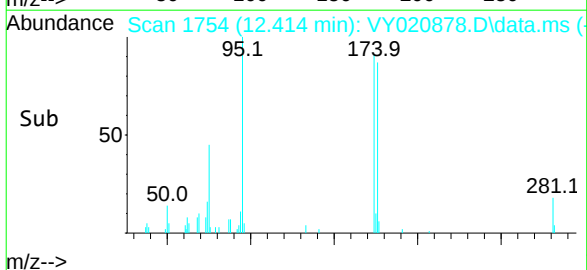
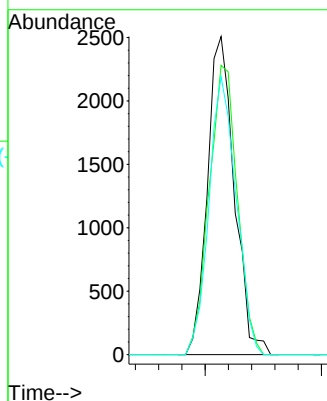
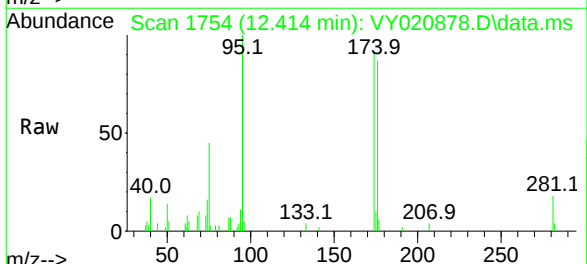
Tgt Ion: 95 Resp: 4031

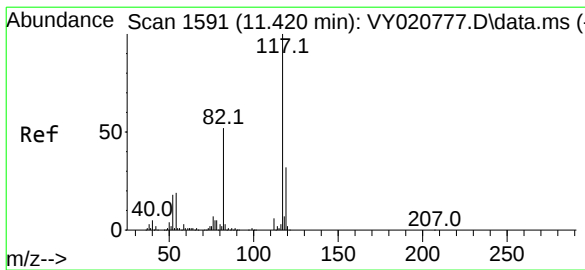
Ion Ratio Lower Upper

95 100

174 95.6 0.0 178.0

176 88.8 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020878.D

Acq: 20 Jan 2025 13:48

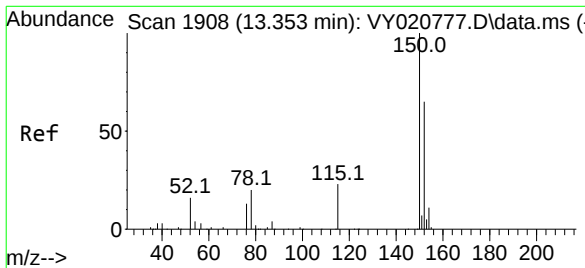
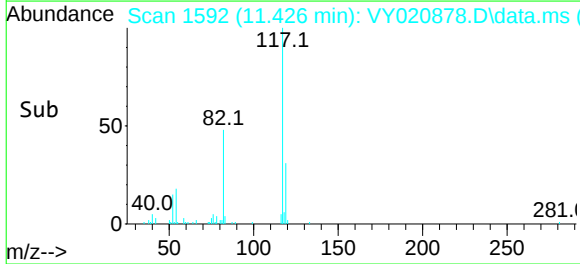
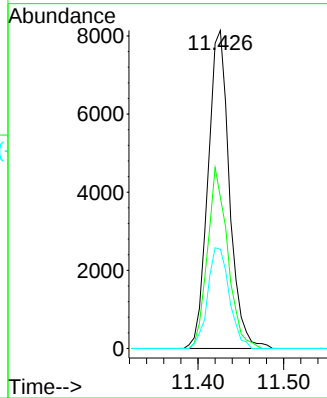
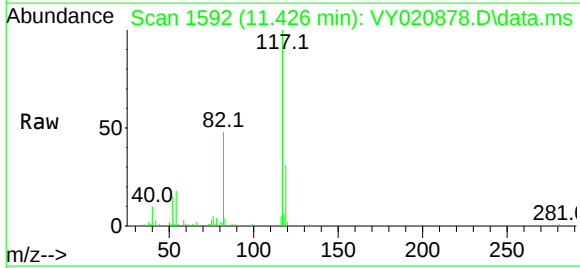
Instrument :

MSVOA_Y

ClientSampleId :

EO-1-011725

Tgt Ion:	117	Resp:	14141
Ion	Ratio	Lower	Upper
117	100		
82	47.6	41.8	62.6
119	31.2	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

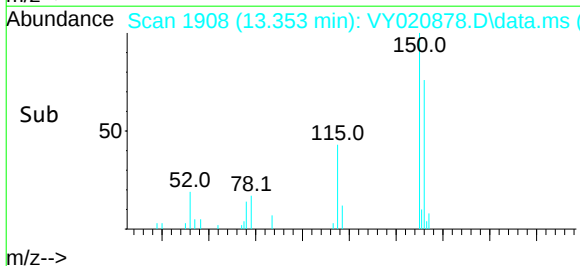
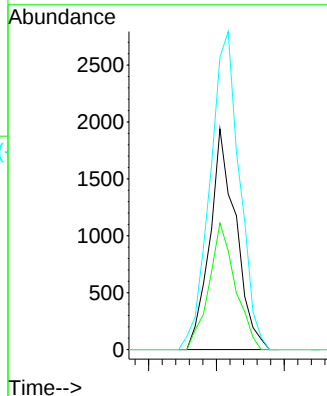
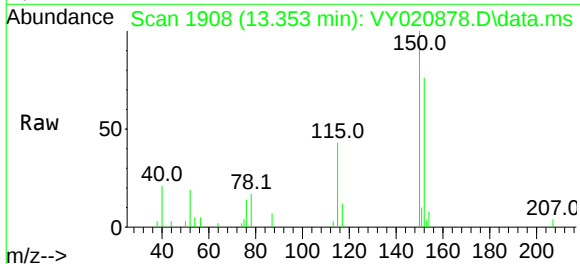
RT: 13.353 min Scan# 1908

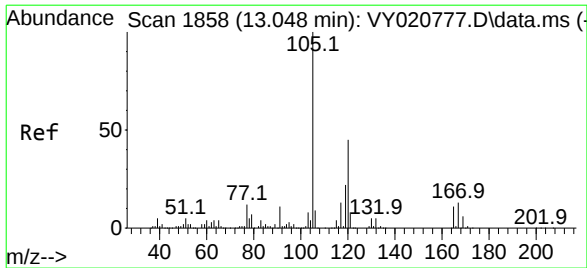
Delta R.T. 0.000 min

Lab File: VY020878.D

Acq: 20 Jan 2025 13:48

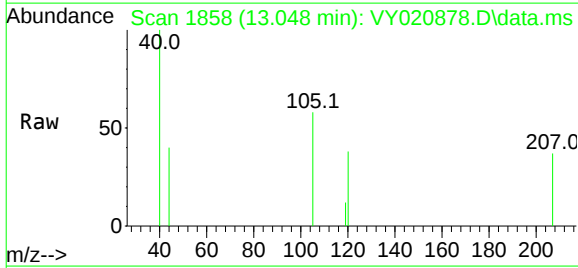
Tgt Ion:	152	Resp:	2588
Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.0	87.0
150	163.7	0.0	347.4





#84
1,2,4-Trimethylbenzene
Concen: 2.653 ug/l
RT: 13.048 min Scan# 18
Delta R.T. 0.000 min
Lab File: VY020878.D
Acq: 20 Jan 2025 13:48

Instrument :
MSVOA_Y
ClientSampleId :
EO-1-011725



Tgt Ion:105 Resp: 431
Ion Ratio Lower Upper
105 100
120 34.1 22.4 67.2

