

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021011.D
 Acq On : 31 Jan 2025 15:44
 Operator : SY/MD
 Sample : Q1236-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jan 31 22:26:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	3375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	4348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1578	54.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.840%
35) Dibromofluoromethane	7.634	113	1478	56.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.080%
50) Toluene-d8	10.109	98	3752	36.776	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.560%
62) 4-Bromofluorobenzene	12.420	95	357	10.428	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	20.860%#

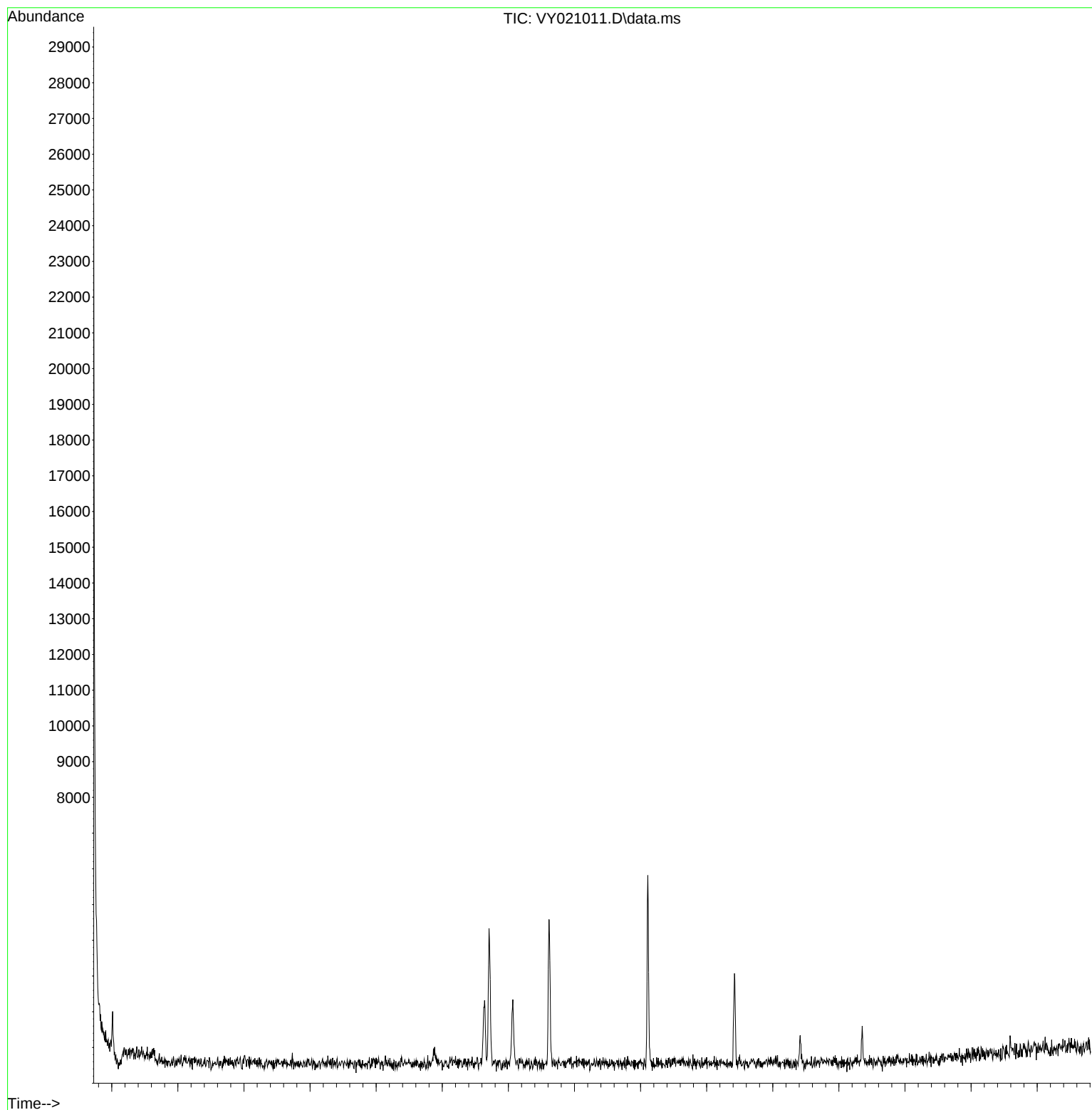
Target Compounds Qvalue

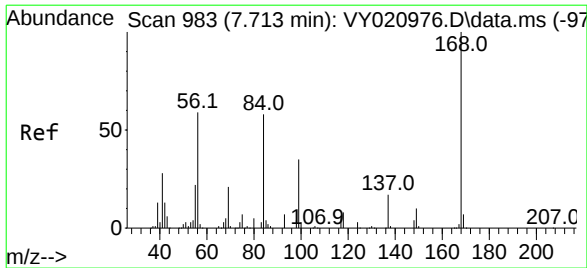
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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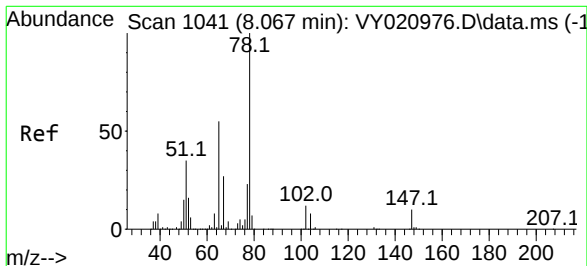
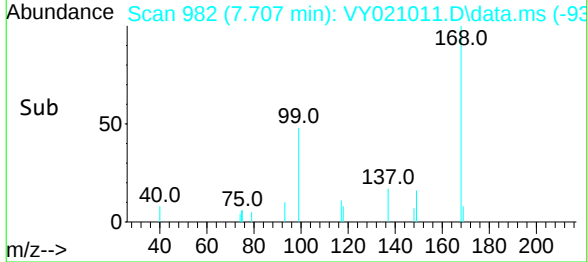
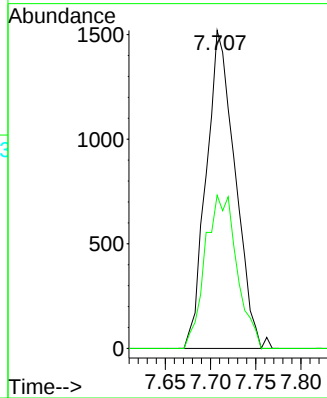
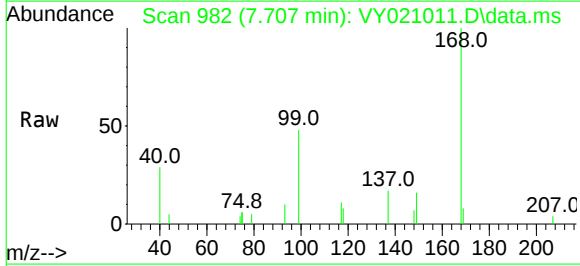




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY021011.D
Acq: 31 Jan 2025 15:44

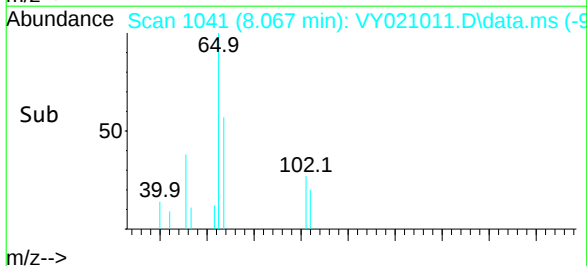
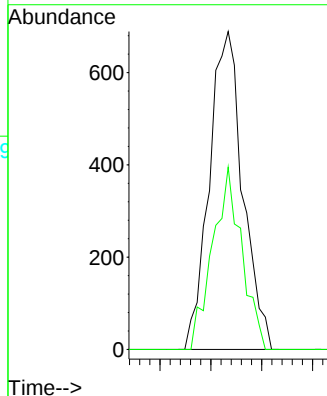
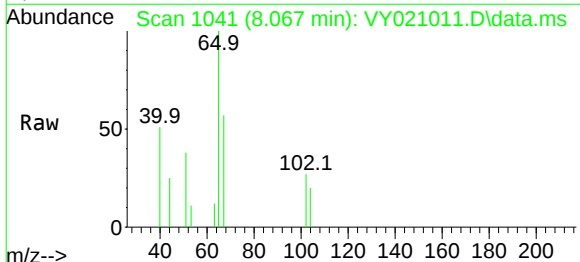
Instrument :
MSVOA_Y
ClientSampleId :
VOC

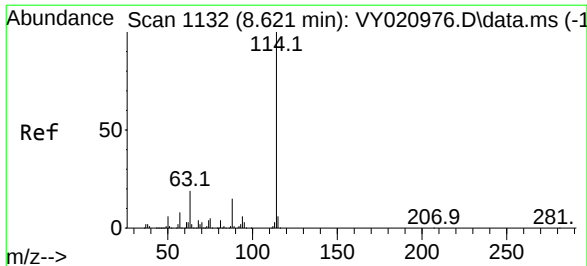
Tgt Ion:168 Resp: 3375
Ion Ratio Lower Upper
168 100
99 48.2 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: 54.915 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021011.D
Acq: 31 Jan 2025 15:44

Tgt Ion: 65 Resp: 1578
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021011.D

Acq: 31 Jan 2025 15:44

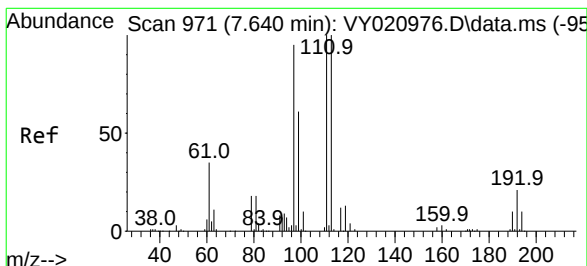
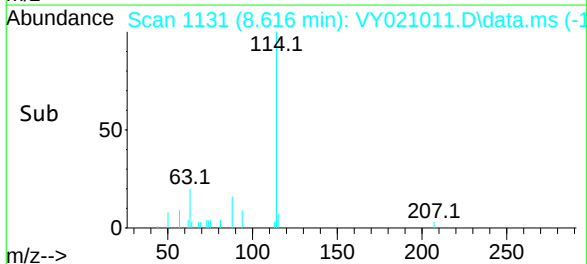
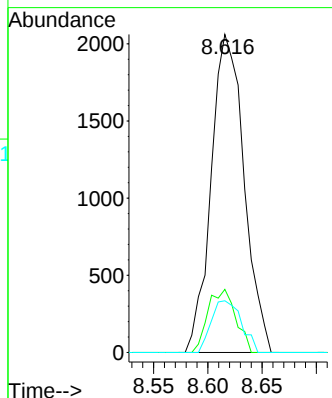
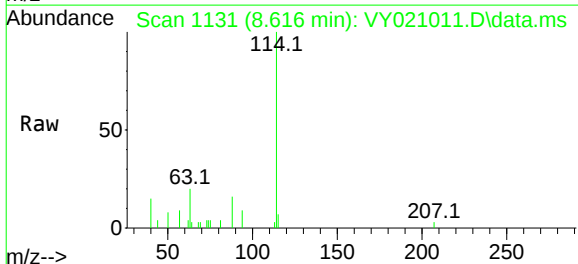
Instrument :

MSVOA_Y

ClientSampleId :

VOC

Tgt	Ion:114	Resp:	4348
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	37.2
88	16.3	0.0	29.6



#35

Dibromofluoromethane

Concen: 56.543 ug/l

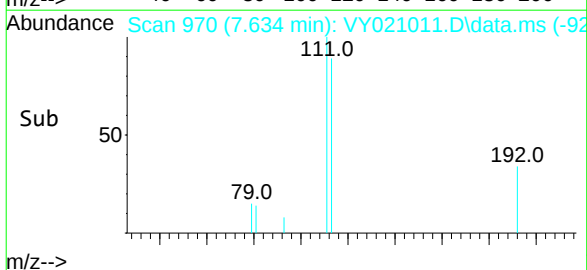
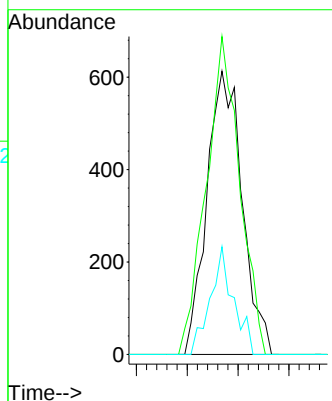
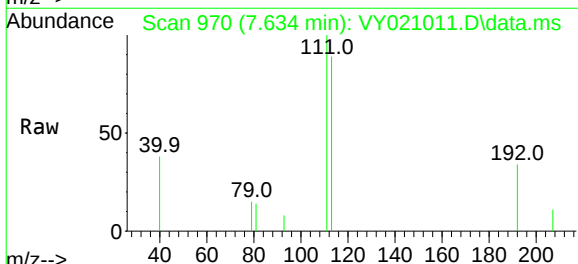
RT: 7.634 min Scan# 970

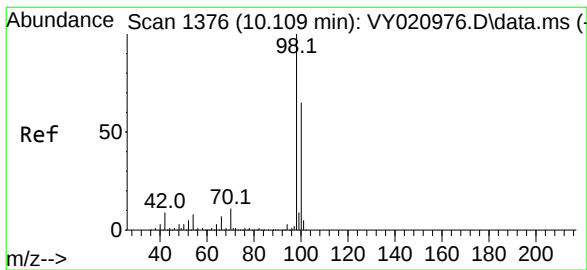
Delta R.T. -0.006 min

Lab File: VY021011.D

Acq: 31 Jan 2025 15:44

Tgt	Ion:113	Resp:	1478
Ion	Ratio	Lower	Upper
113	100		
111	106.4	82.6	123.8
192	24.9	16.8	25.2





#50

Toluene-d8

Concen: 36.776 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021011.D

Acq: 31 Jan 2025 15:44

Instrument :

MSVOA_Y

ClientSampleId :

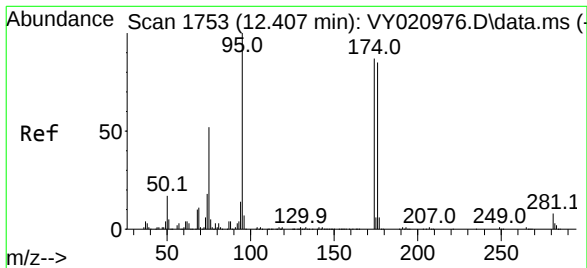
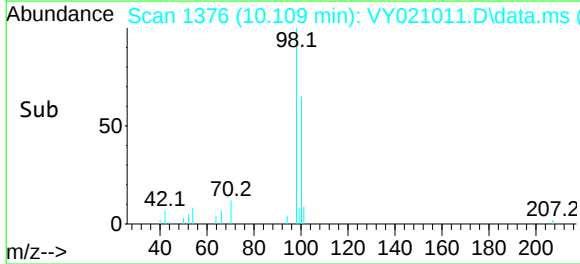
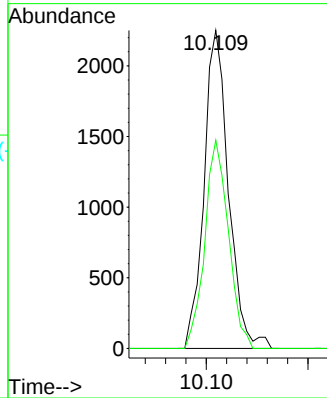
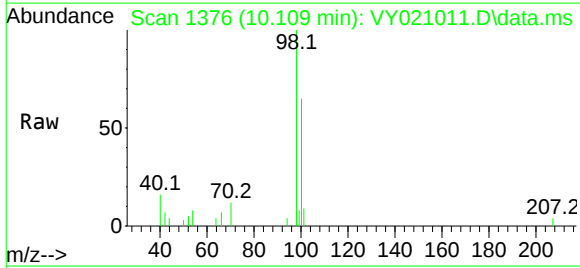
VOC

Tgt Ion: 98 Resp: 3752

Ion Ratio Lower Upper

98 100

100 63.4 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 10.428 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.013 min

Lab File: VY021011.D

Acq: 31 Jan 2025 15:44

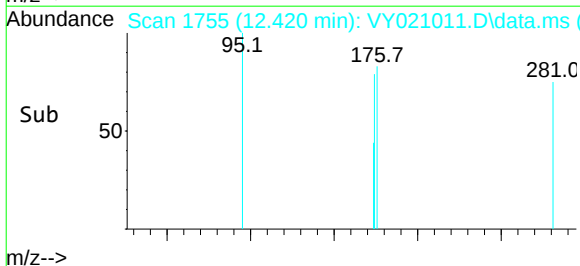
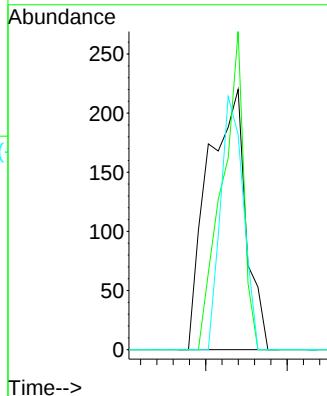
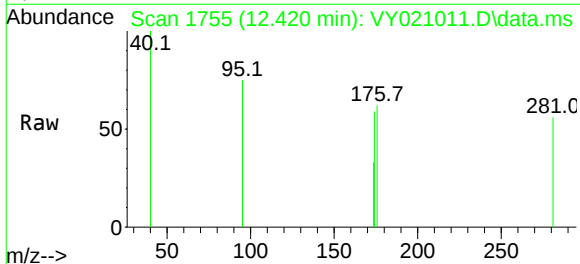
Tgt Ion: 95 Resp: 357

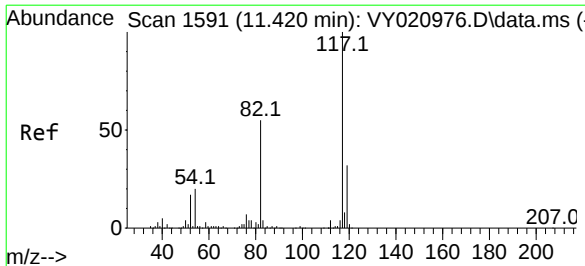
Ion Ratio Lower Upper

95 100

174 69.5 0.0 181.2

176 58.3 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021011.D

Acq: 31 Jan 2025 15:44

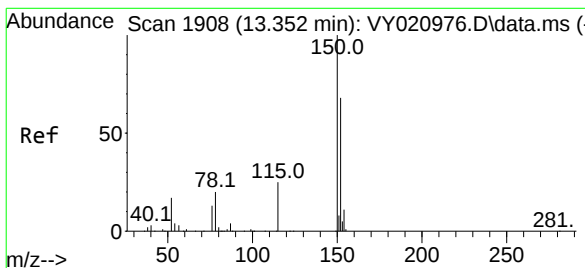
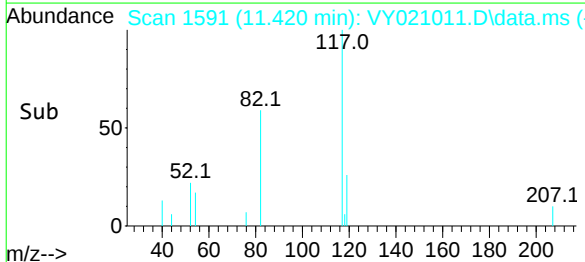
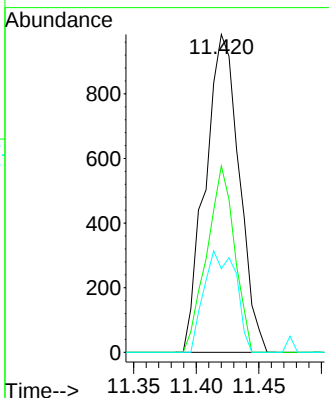
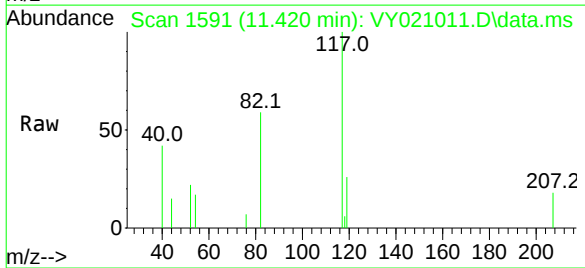
Instrument :

MSVOA_Y

ClientSampleId :

VOC

Tgt Ion:	117	Resp:	1854
Ion	Ratio	Lower	Upper
117	100		
82	58.6	44.2	66.2
119	26.3	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021011.D

Acq: 31 Jan 2025 15:44

Tgt Ion:	152	Resp:	277
Ion	Ratio	Lower	Upper
152	100		
115	71.5	28.4	85.2
150	187.4	0.0	342.8

