

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020896.D
 Acq On : 22 Jan 2025 12:12
 Operator : SY/MD
 Sample : Q1142-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-1-012125-VOC

Quant Time: Jan 23 00:45:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	71534	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	106316	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.432	117	90476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	32727	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	35821	58.915	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.820%
35) Dibromofluoromethane	7.652	113	34309	51.510	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.122	98	112579	48.486	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.420	95	33030	38.522	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.040%

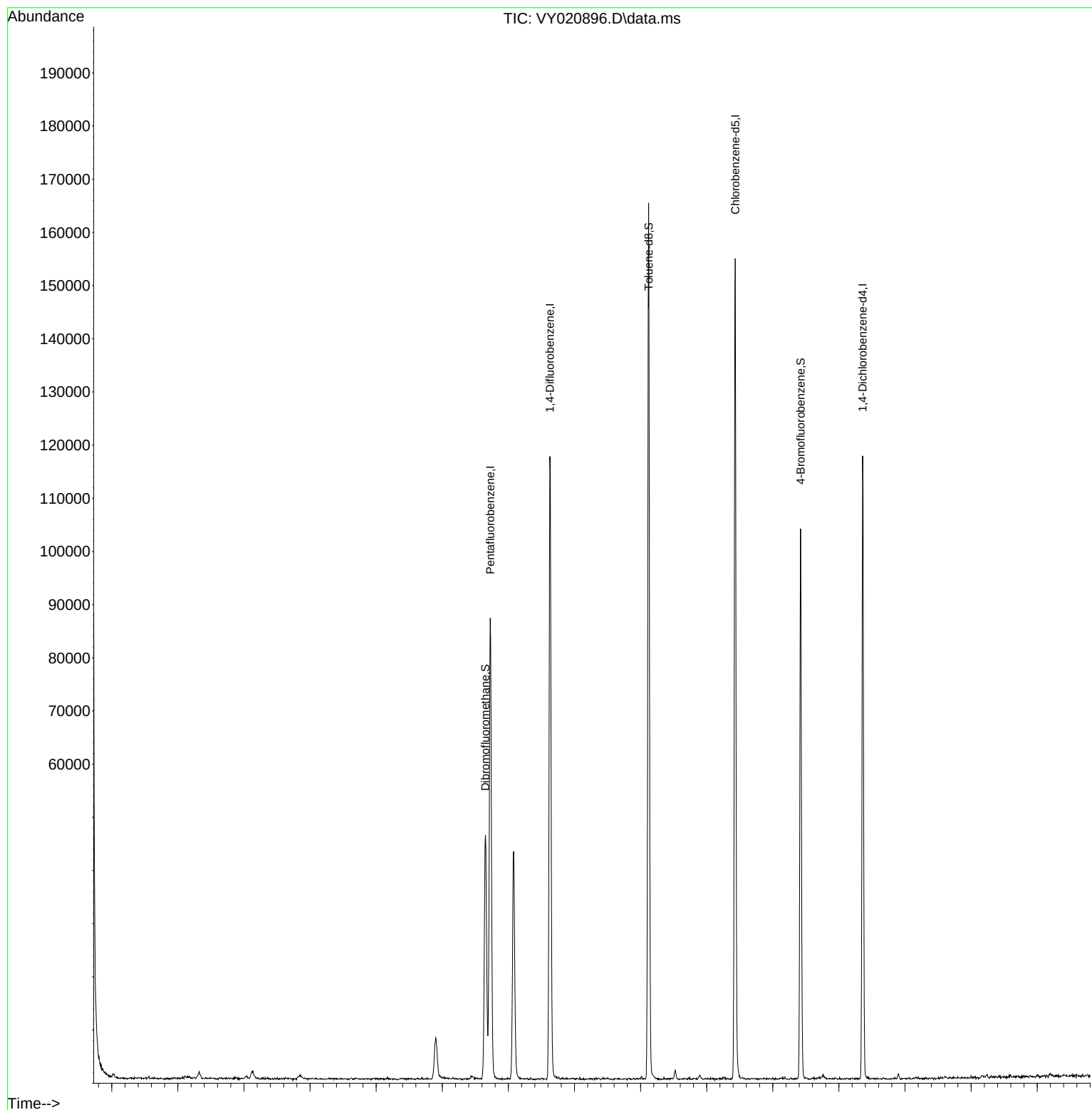
Target Compounds	Qvalue

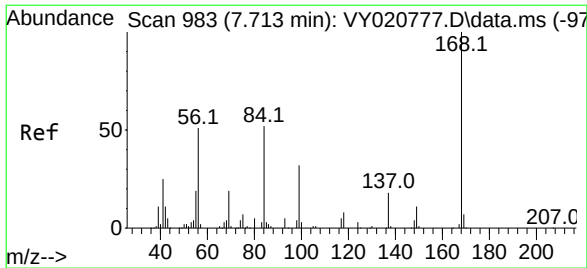
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
Data File : VY020896.D
Acq On : 22 Jan 2025 12:12
Operator : SY/MD
Sample : Q1142-02
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-1-012125-VOC

Quant Time: Jan 23 00:45:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration

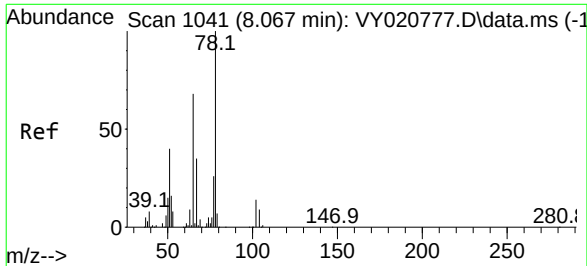
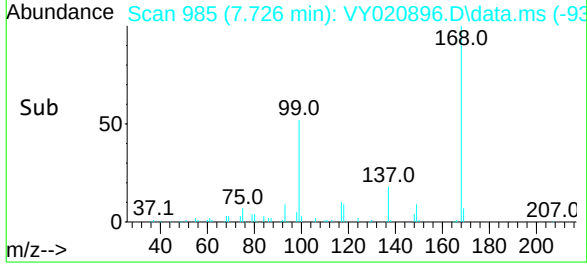
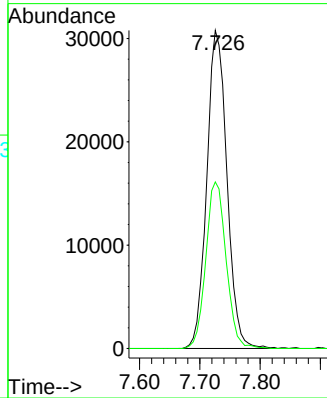
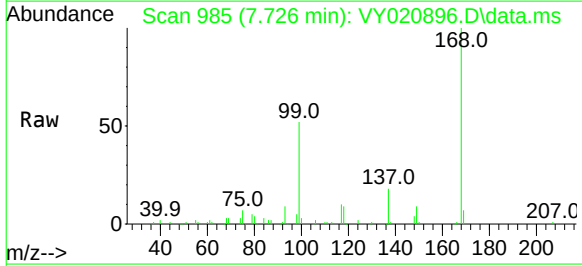




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. -0.011 min
Lab File: VY020896.D
Acq: 22 Jan 2025 12:12

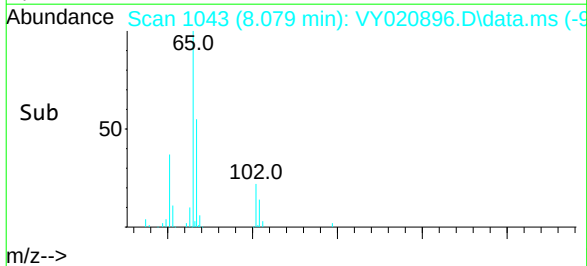
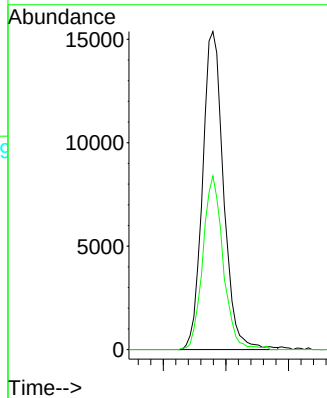
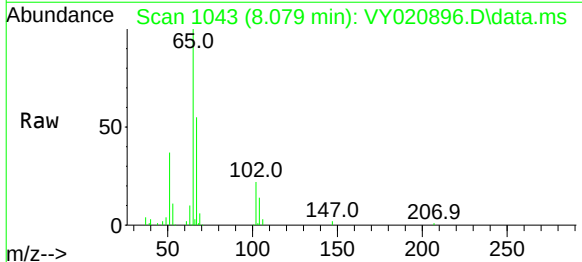
Instrument :
MSVOA_Y
ClientSampleId :
PL-1-012125-VOC

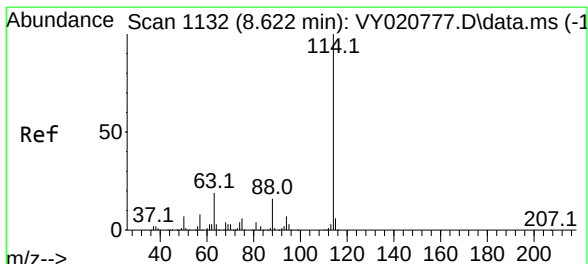
Tgt Ion:168 Resp: 71534
Ion Ratio Lower Upper
168 100
99 52.4 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 58.915 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY020896.D
Acq: 22 Jan 2025 12:12

Tgt Ion: 65 Resp: 35821
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.8

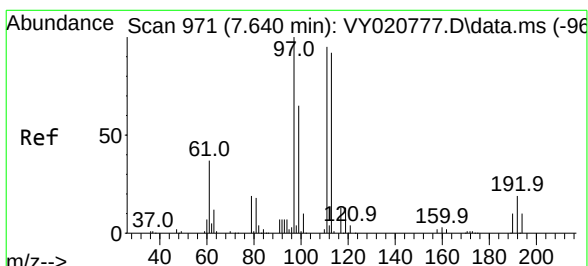
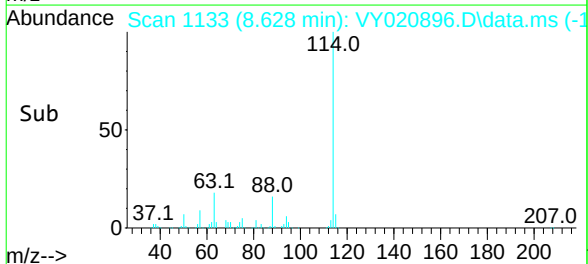
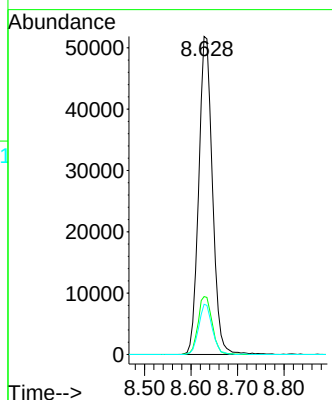
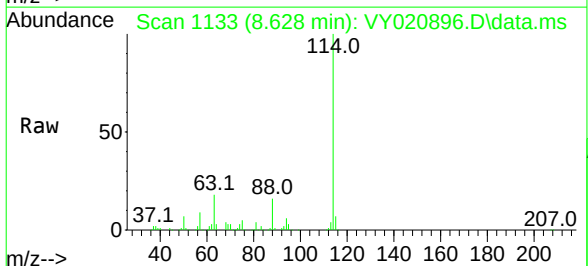




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020896.D
 Acq: 22 Jan 2025 12:12

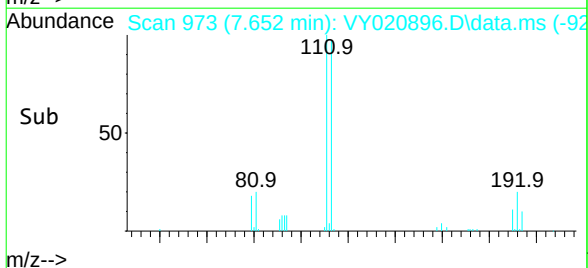
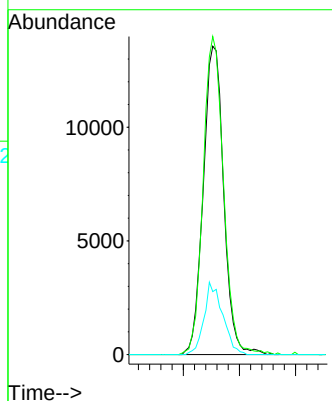
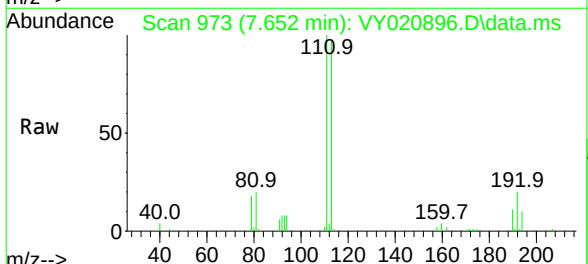
Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-1-012125-VOC

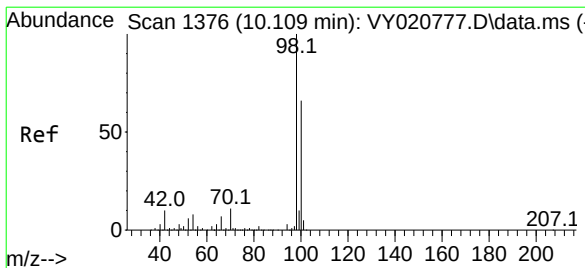
Tgt Ion:	114	Resp:	106316
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.4
88	15.8	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 51.510 ug/l
 RT: 7.652 min Scan# 973
 Delta R.T. -0.012 min
 Lab File: VY020896.D
 Acq: 22 Jan 2025 12:12

Tgt Ion:	113	Resp:	34309
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.7	122.5
192	21.4	16.7	25.1





#50

Toluene-d8

Concen: 48.486 ug/l

RT: 10.122 min Scan# 1376

Delta R.T. -0.012 min

Lab File: VY020896.D

Acq: 22 Jan 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

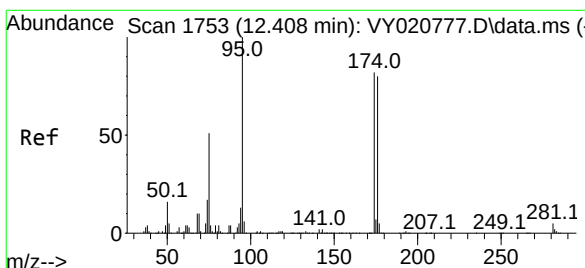
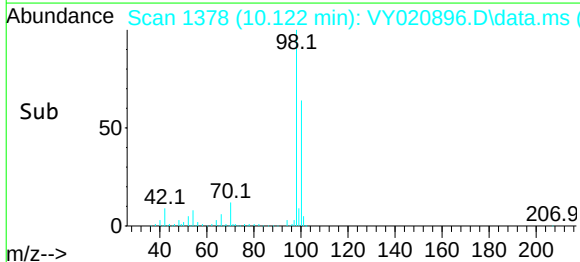
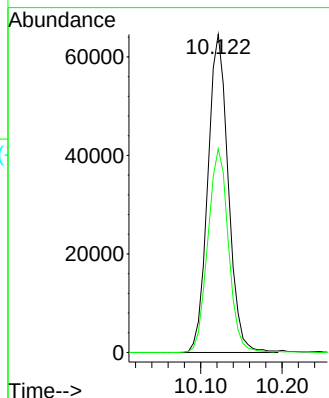
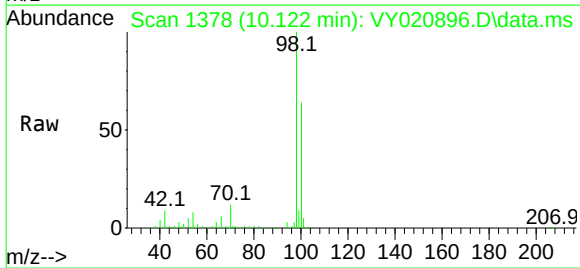
PL-1-012125-VOC

Tgt Ion: 98 Resp: 112579

Ion Ratio Lower Upper

98 100

100 64.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 38.522 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.006 min

Lab File: VY020896.D

Acq: 22 Jan 2025 12:12

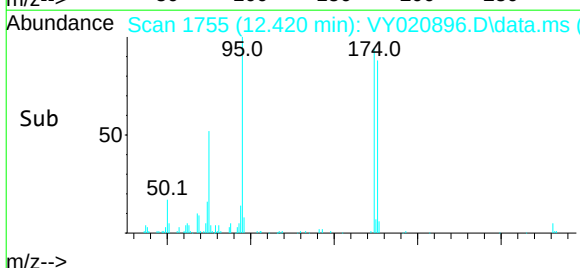
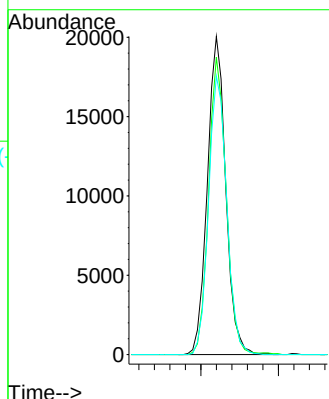
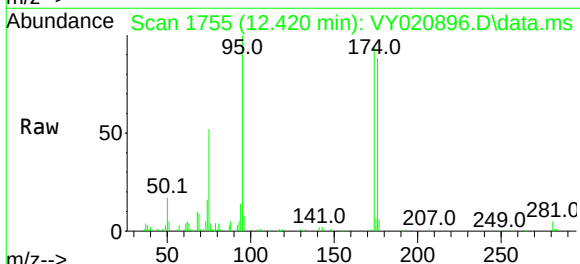
Tgt Ion: 95 Resp: 33030

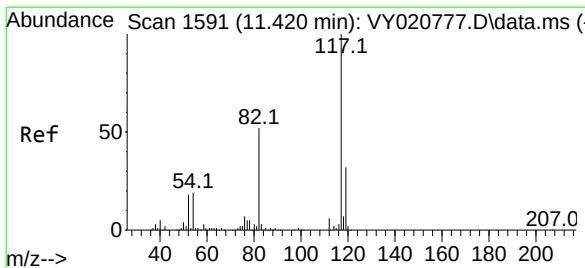
Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.0

176 86.6 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VY020896.D

Acq: 22 Jan 2025 12:12

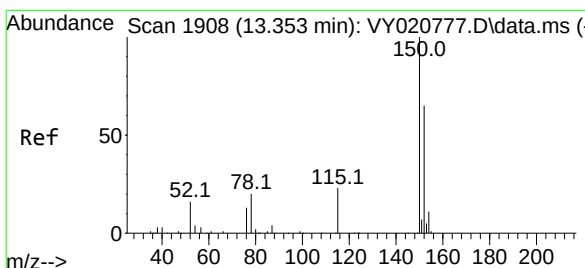
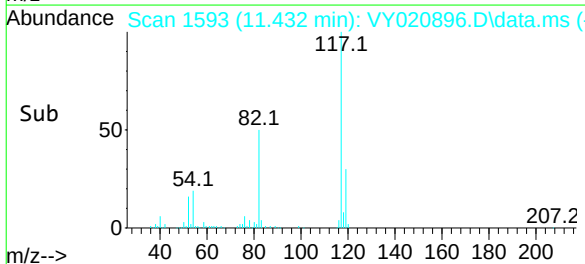
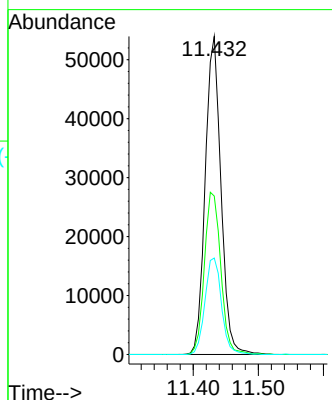
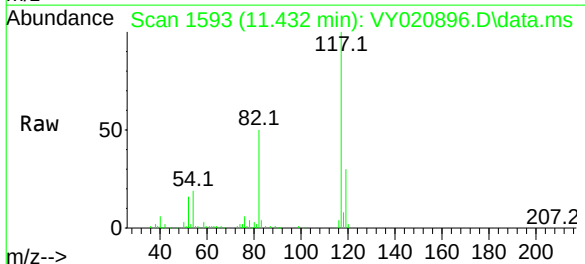
Instrument :

MSVOA_Y

ClientSampleId :

PL-1-012125-VOC

Tgt Ion:	117	Resp:	90476
Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.8	62.6
119	30.3	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.012 min

Lab File: VY020896.D

Acq: 22 Jan 2025 12:12

Tgt Ion:	152	Resp:	32727
Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.0	87.0
150	158.8	0.0	347.4

