

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020096.D
 Acq On : 31 Oct 2024 15:48
 Operator : SY/MD
 Sample : P4619-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOILB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-102924

Quant Time: Oct 31 17:18:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	37947	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	65947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	53975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	14844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	22598	47.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.440%
35) Dibromofluoromethane	7.634	113	21961	52.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.760%
50) Toluene-d8	10.109	98	77787	46.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.220%
62) 4-Bromofluorobenzene	12.402	95	18542	34.204	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.400%

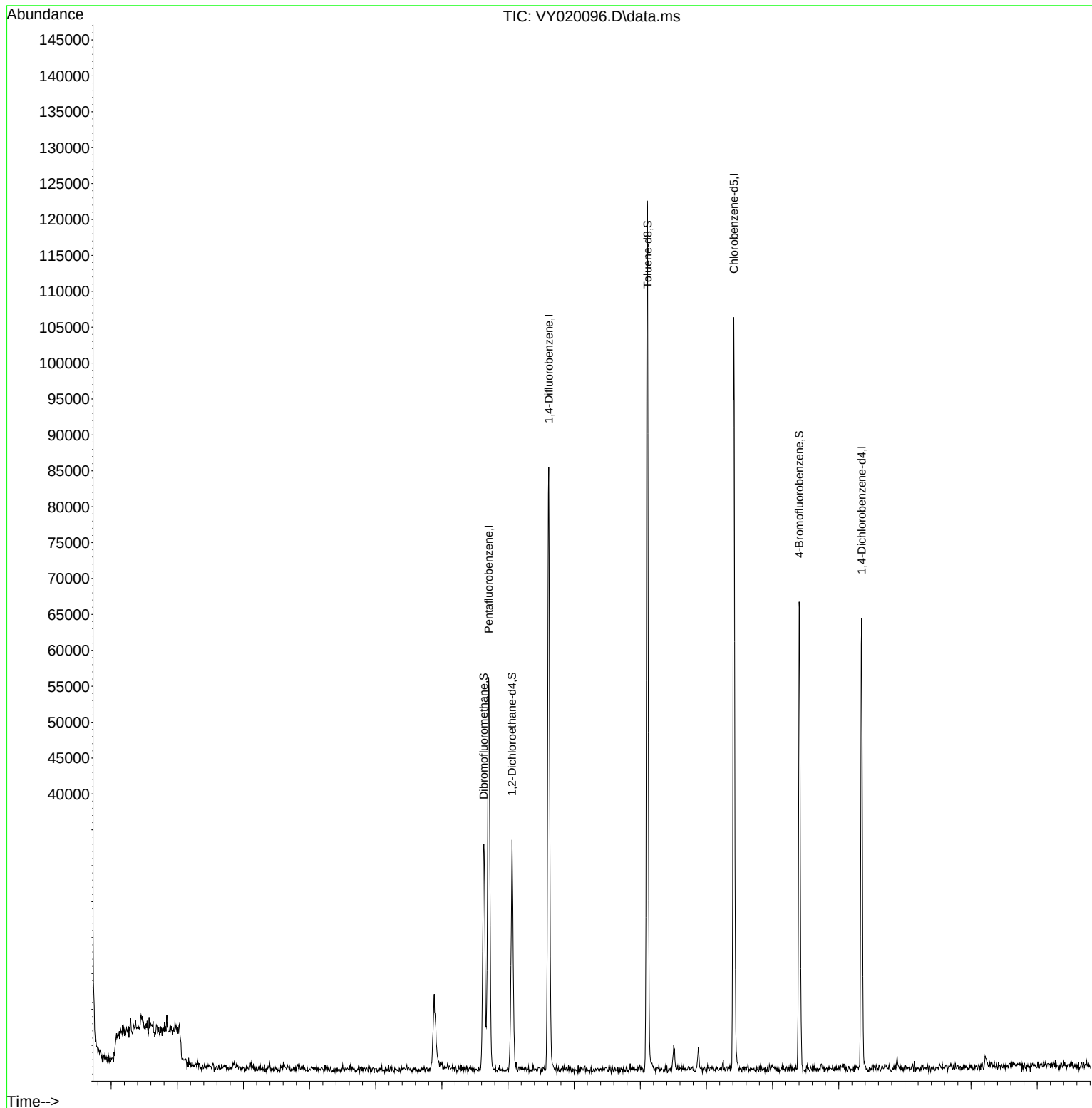
Target Compounds Qvalue

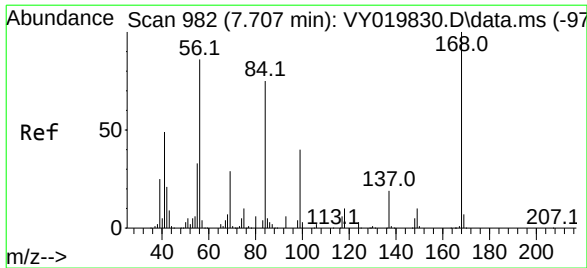
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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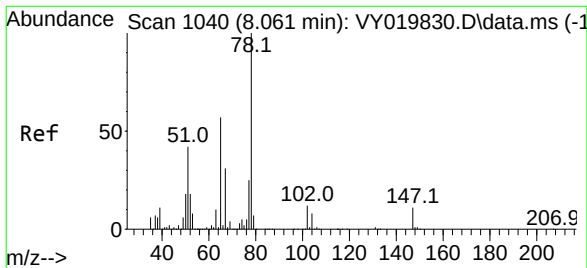
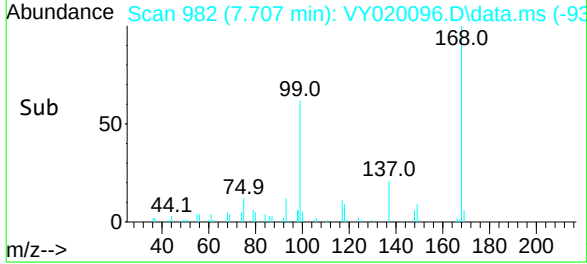
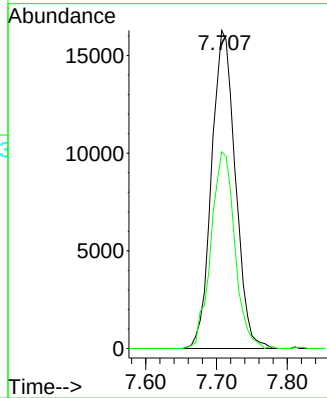
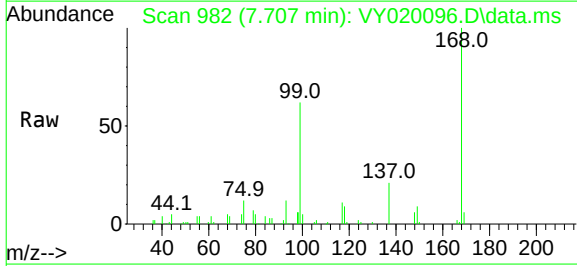




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020096.D
Acq: 31 Oct 2024 15:48

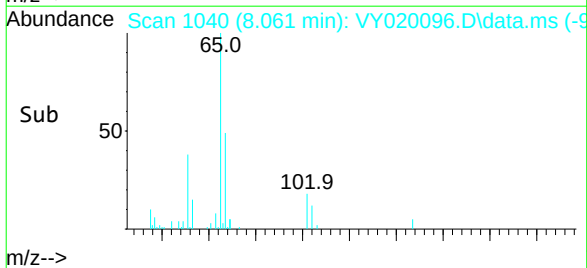
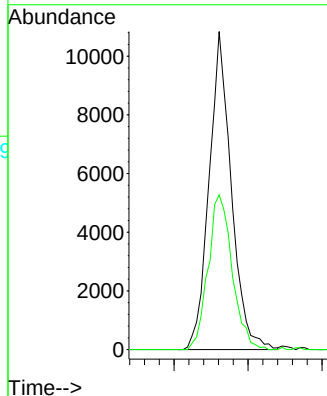
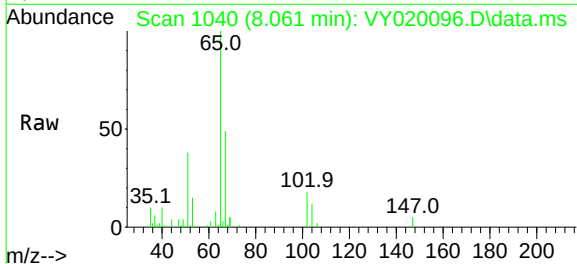
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-102924

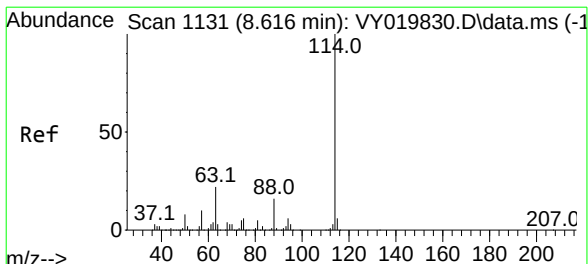
Tgt Ion:168 Resp: 37947
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 47.715 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020096.D
Acq: 31 Oct 2024 15:48

Tgt Ion: 65 Resp: 22598
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020096.D

Acq: 31 Oct 2024 15:48

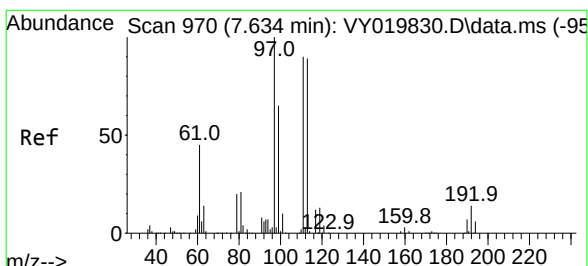
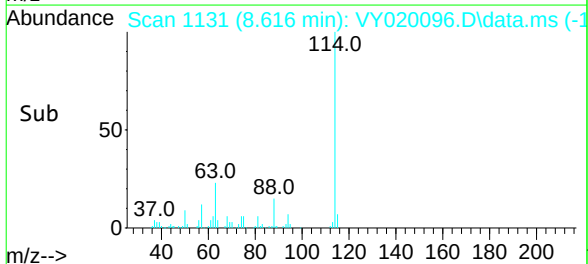
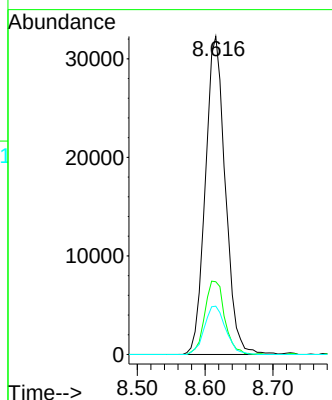
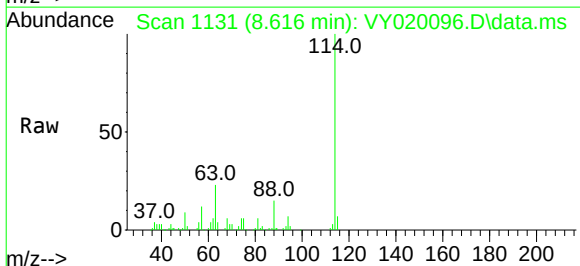
Instrument :

MSVOA_Y

ClientSampleId :

SU-03-102924

Tgt Ion:	114	Resp:	65947
Ion Ratio	Lower	Upper	
114	100		
63	22.9	0.0	35.0
88	15.2	0.0	27.2



#35

Dibromofluoromethane

Concen: 52.377 ug/l

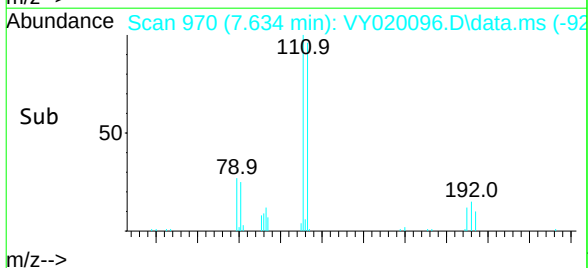
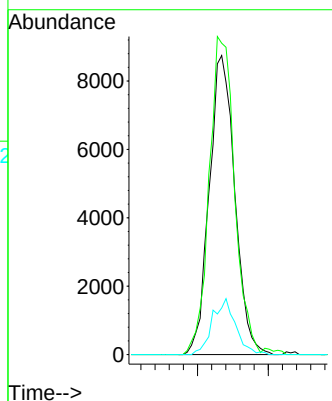
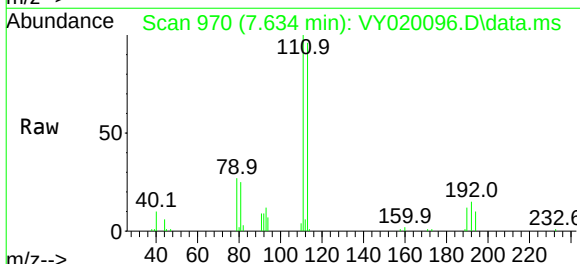
RT: 7.634 min Scan# 970

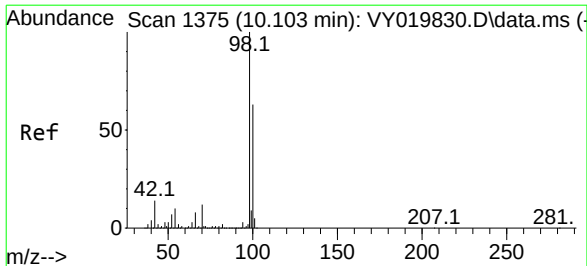
Delta R.T. 0.000 min

Lab File: VY020096.D

Acq: 31 Oct 2024 15:48

Tgt Ion:	113	Resp:	21961
Ion Ratio	Lower	Upper	
113	100		
111	106.5	82.2	123.4
192	17.0	15.9	23.9





#50

Toluene-d8

Concen: 46.608 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020096.D

Acq: 31 Oct 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

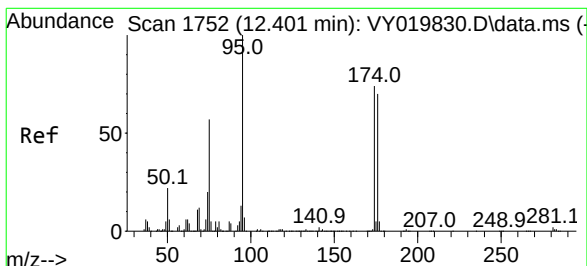
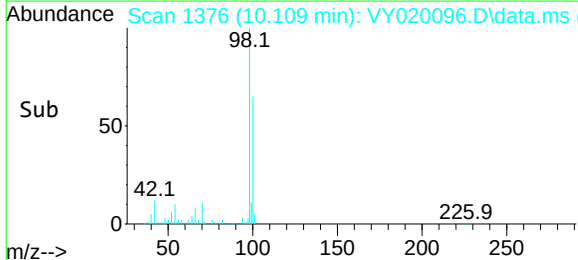
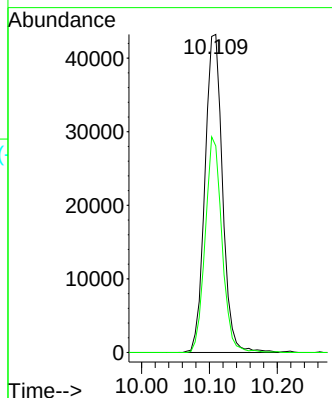
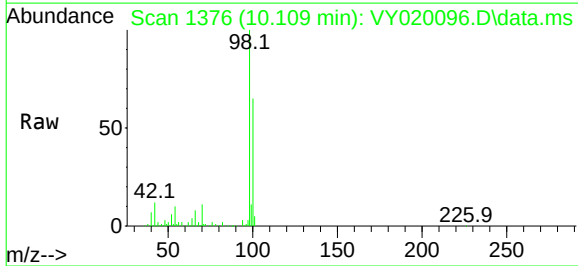
SU-03-102924

Tgt Ion: 98 Resp: 77787

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.204 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020096.D

Acq: 31 Oct 2024 15:48

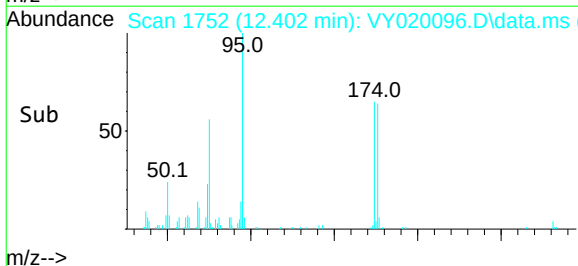
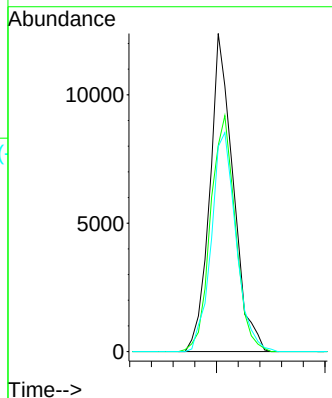
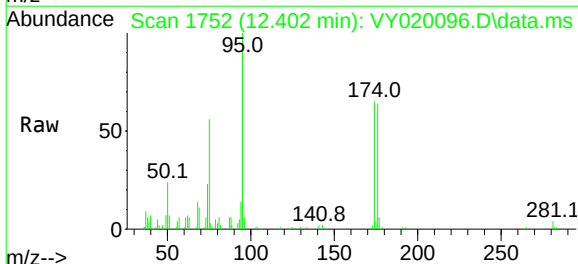
Tgt Ion: 95 Resp: 18542

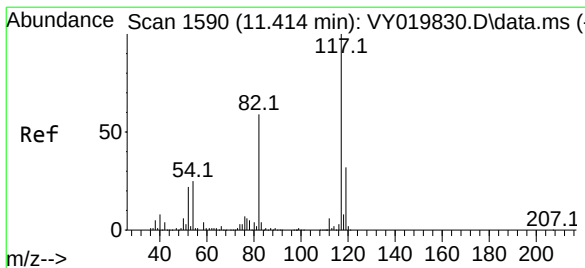
Ion Ratio Lower Upper

95 100

174 78.4 0.0 175.6

176 72.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020096.D

Acq: 31 Oct 2024 15:48

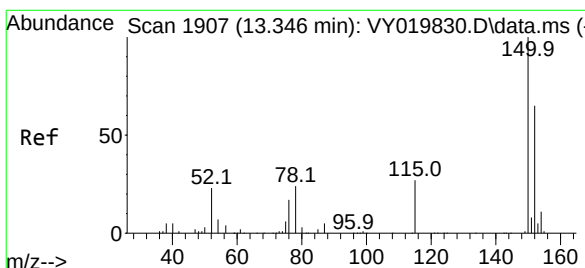
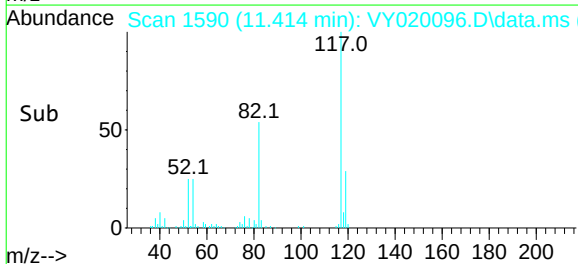
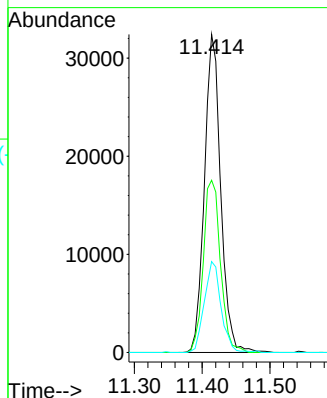
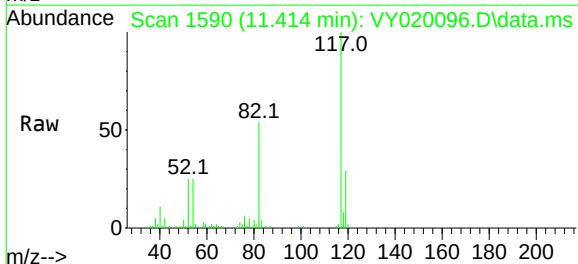
Instrument :

MSVOA_Y

ClientSampleId :

SU-03-102924

Tgt Ion:	117	Resp:	53975
Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.4	63.6
119	28.6	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020096.D

Acq: 31 Oct 2024 15:48

Tgt Ion:	152	Resp:	14844
Ion	Ratio	Lower	Upper
152	100		
115	61.5	28.2	84.7
150	149.7	0.0	345.6

