

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020945.D
 Acq On : 27 Jan 2025 13:25
 Operator : SY/MD
 Sample : Q1187-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-COMP

Quant Time: Jan 28 01:13:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	435	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.616	114	559	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	336	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	123	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	246	70.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.860%	
35) Dibromofluoromethane	7.634	113	374	116.543	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 233.080%#	
50) Toluene-d8	10.115	98	334	26.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 53.660%#	
62) 4-Bromofluorobenzene	12.432	95	66	15.932	ug/l	0.02
Spiked Amount	50.000	Range	29 - 146	Recovery	= 31.860%	

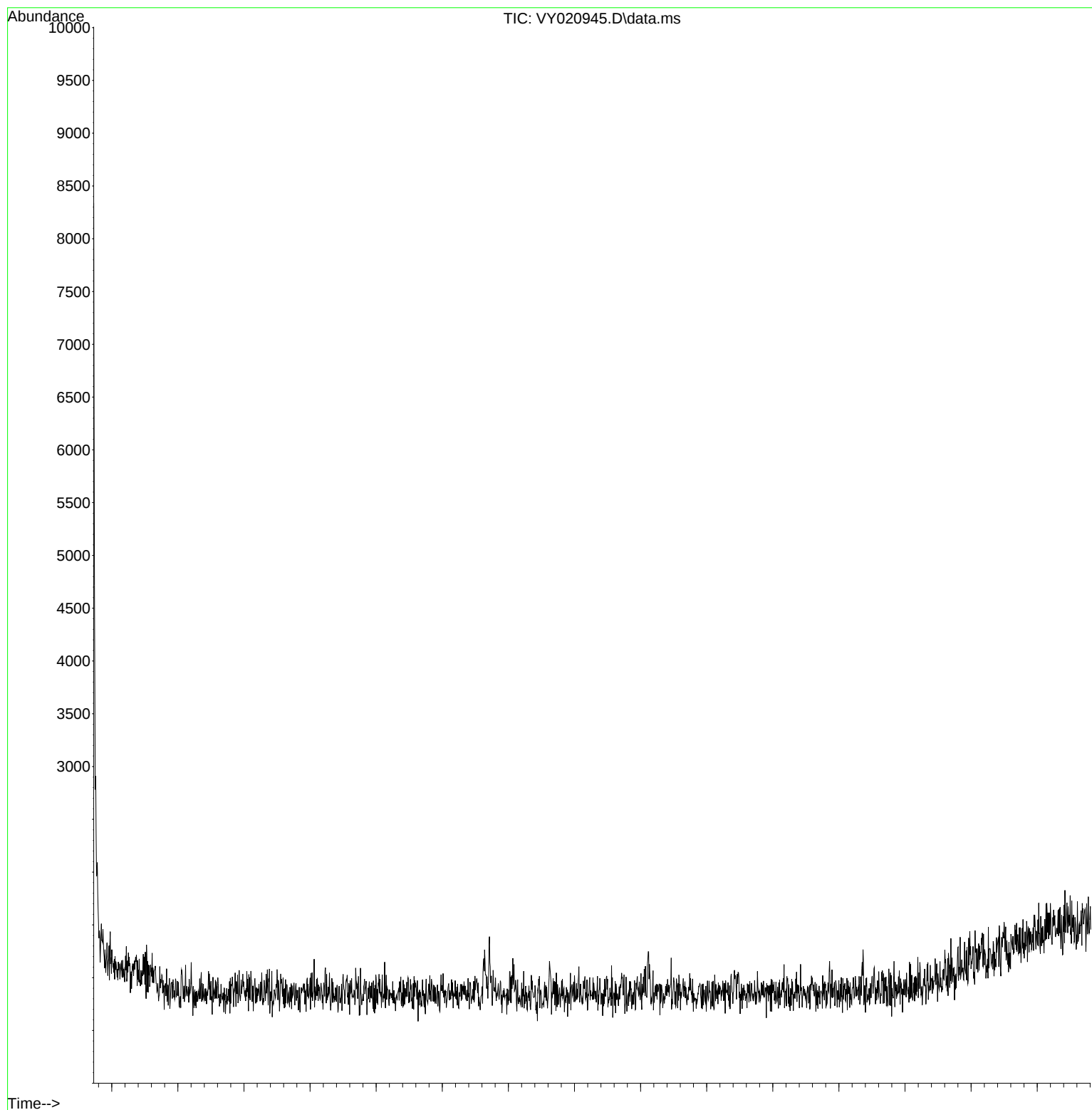
Target Compounds Qvalue

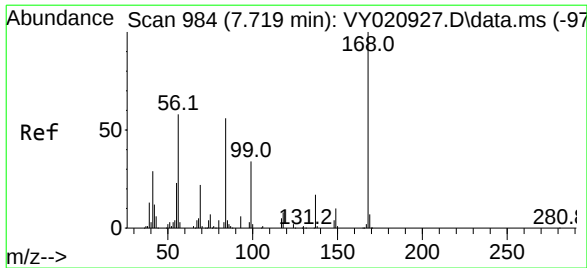
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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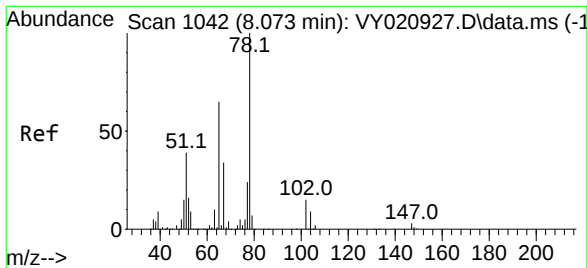
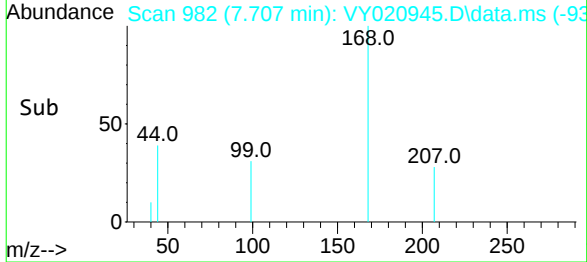
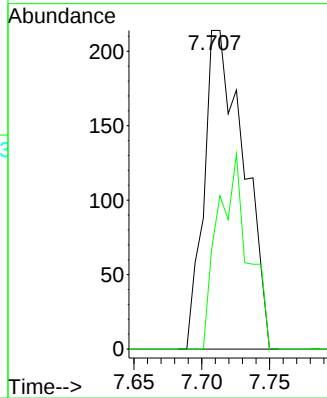
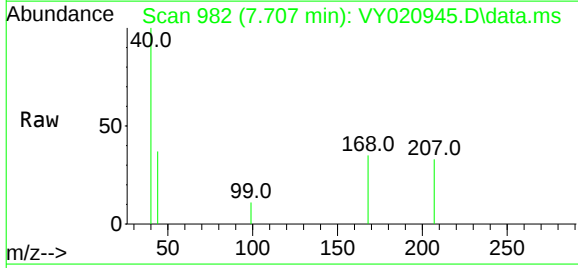




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 984
Delta R.T. -0.012 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

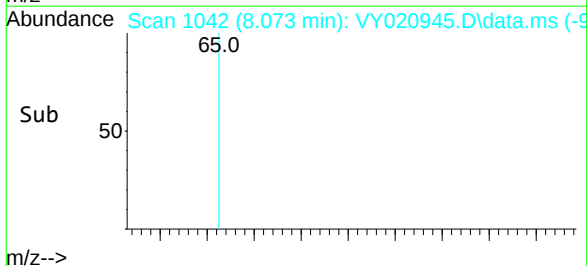
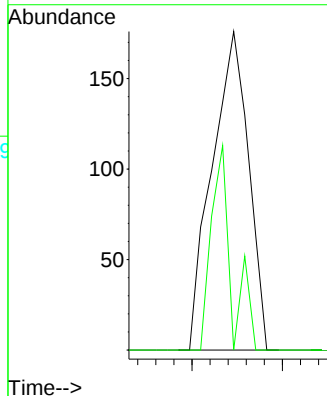
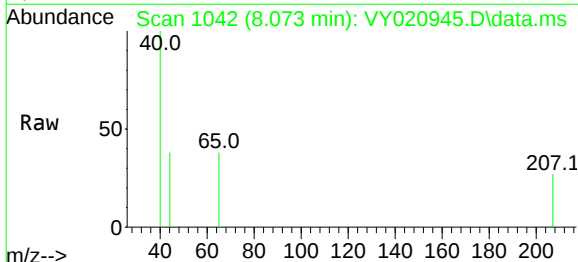
Instrument :
MSVOA_Y
ClientSampleId :
SP-COMP

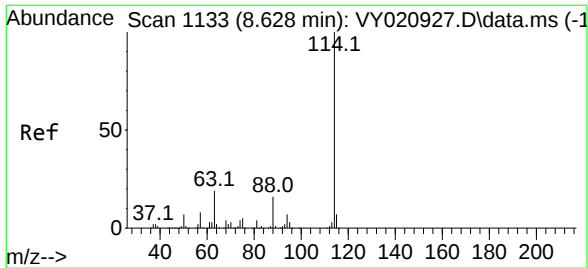
Tgt Ion: 168 Resp: 435
Ion Ratio Lower Upper
168 100
99 31.3 43.0 64.6#



#33
1,2-Dichloroethane-d4
Concen: 70.929 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Tgt Ion: 65 Resp: 246
Ion Ratio Lower Upper
65 100
67 35.4 0.0 105.8

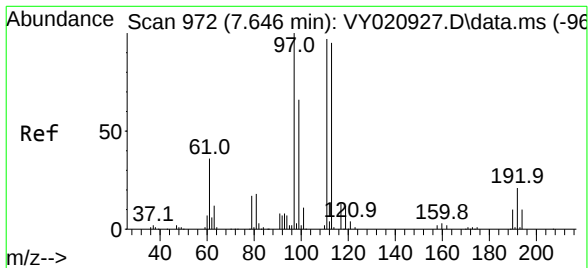
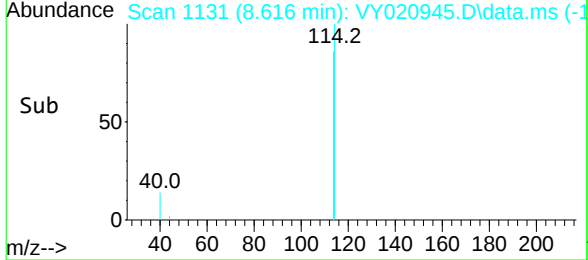
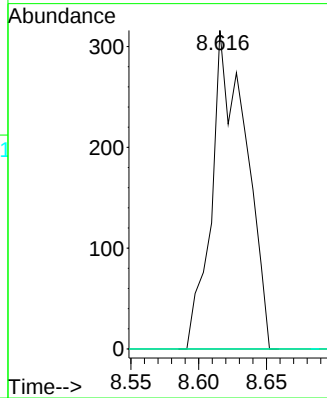
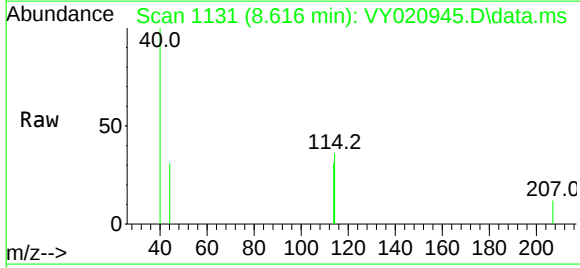




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 111
Delta R.T. -0.012 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

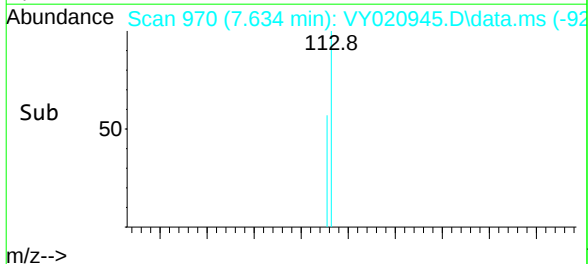
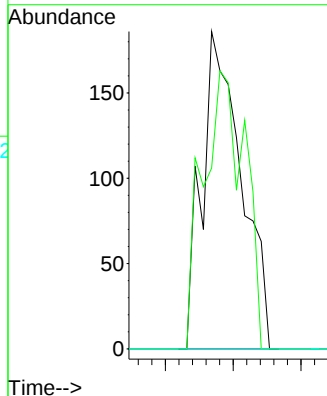
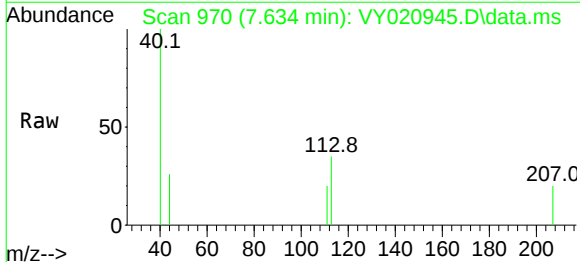
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MSVOA_Y
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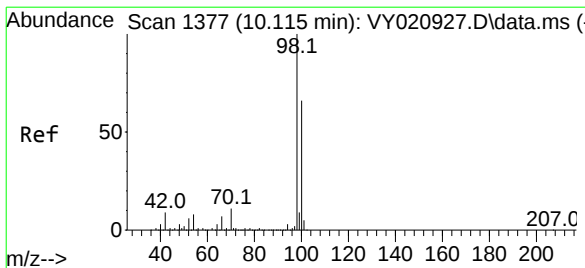
Tgt Ion:	114	Resp:	559
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	38.4
88	0.0	0.0	31.6



#35
Dibromofluoromethane
Concen: 116.543 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Tgt Ion:	113	Resp:	374
Ion	Ratio	Lower	Upper
113	100		
111	93.0	82.3	123.5
192	0.0	17.4	26.2#





#50

Toluene-d8

Concen: 26.832 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020945.D

Acq: 27 Jan 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

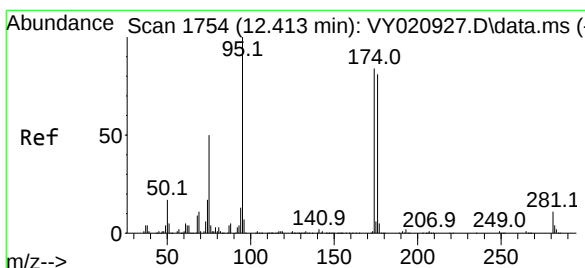
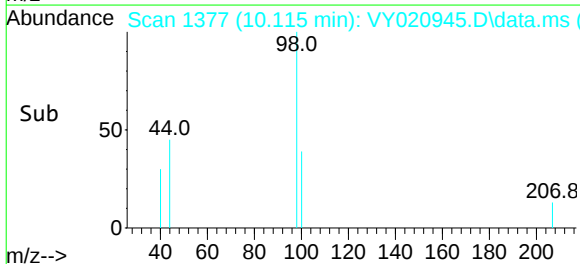
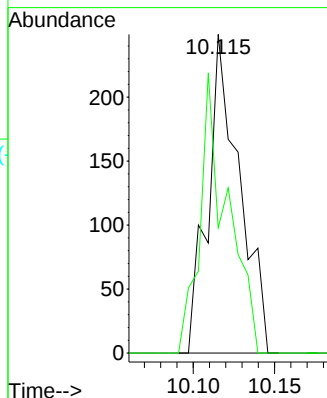
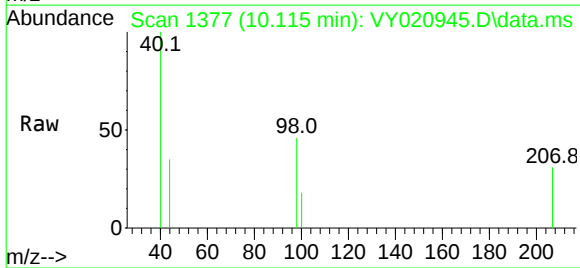
SP-COMP

Tgt Ion: 98 Resp: 334

Ion Ratio Lower Upper

98 100

100 76.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 15.932 ug/l

RT: 12.432 min Scan# 1757

Delta R.T. 0.019 min

Lab File: VY020945.D

Acq: 27 Jan 2025 13:25

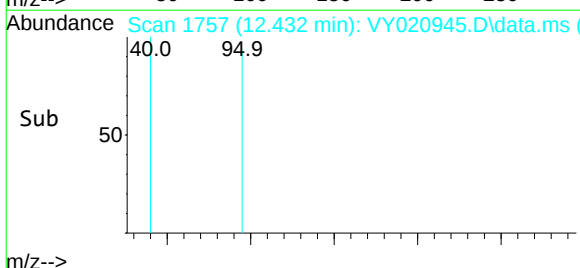
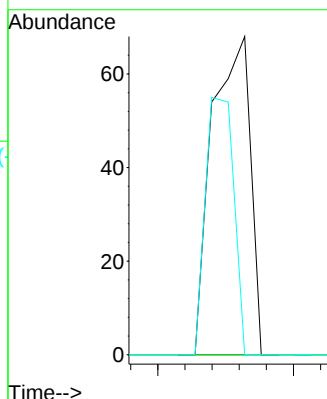
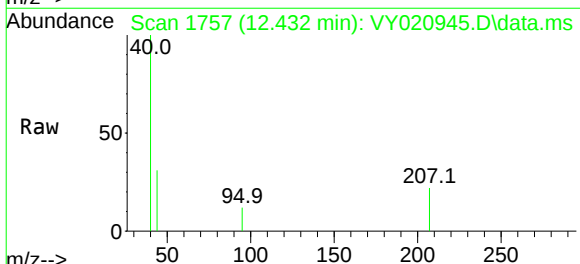
Tgt Ion: 95 Resp: 66

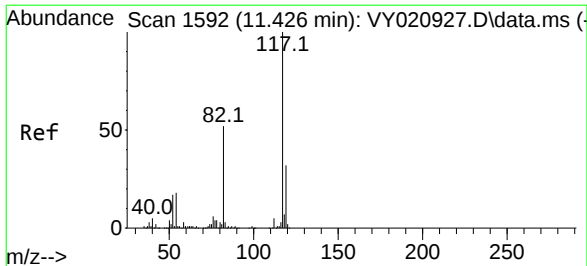
Ion Ratio Lower Upper

95 100

174 0.0 0.0 177.4

176 60.6 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY020945.D

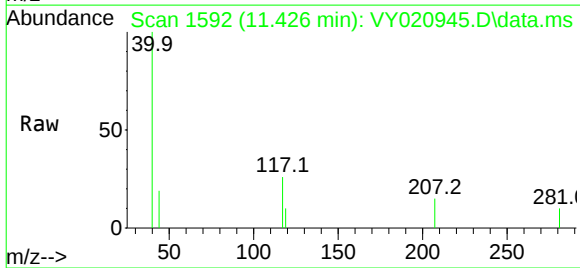
Acq: 27 Jan 2025 13:25

Instrument :

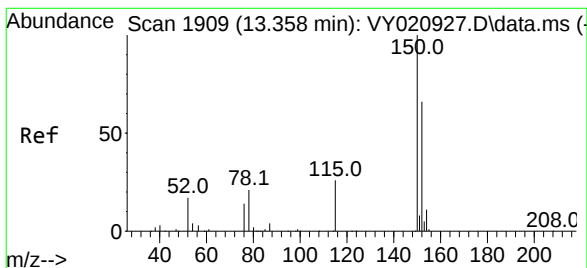
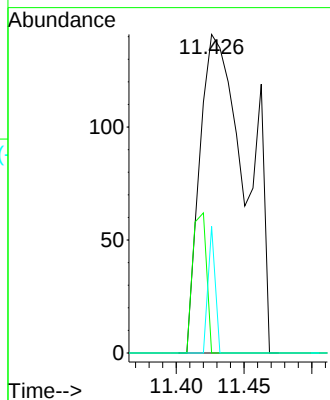
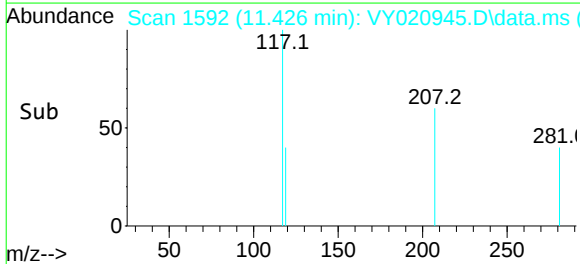
MSVOA_Y

ClientSampleId :

SP-COMP



Tgt Ion:	117	Resp:	336
Ion	Ratio	Lower	Upper
117	100		
82	0.0	41.8	62.8#
119	39.7	26.0	39.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY020945.D

Acq: 27 Jan 2025 13:25

Tgt Ion:	152	Resp:	123
Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.0	87.0#
150	198.4	0.0	347.6

