

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020717.D
 Acq On : 26 Dec 2024 15:18
 Operator : SY/MD
 Sample : P5383-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-12232024

Quant Time: Dec 26 16:30:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	721	50.000	ug/l	#-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	100	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	624	107.299	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	214.600%#
35) Dibromofluoromethane	7.634	113	440	72.885	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.760%
50) Toluene-d8	10.115	98	1322	54.893	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.780%
62) 4-Bromofluorobenzene	12.414	95	117	14.583	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	29.160%

Target Compounds

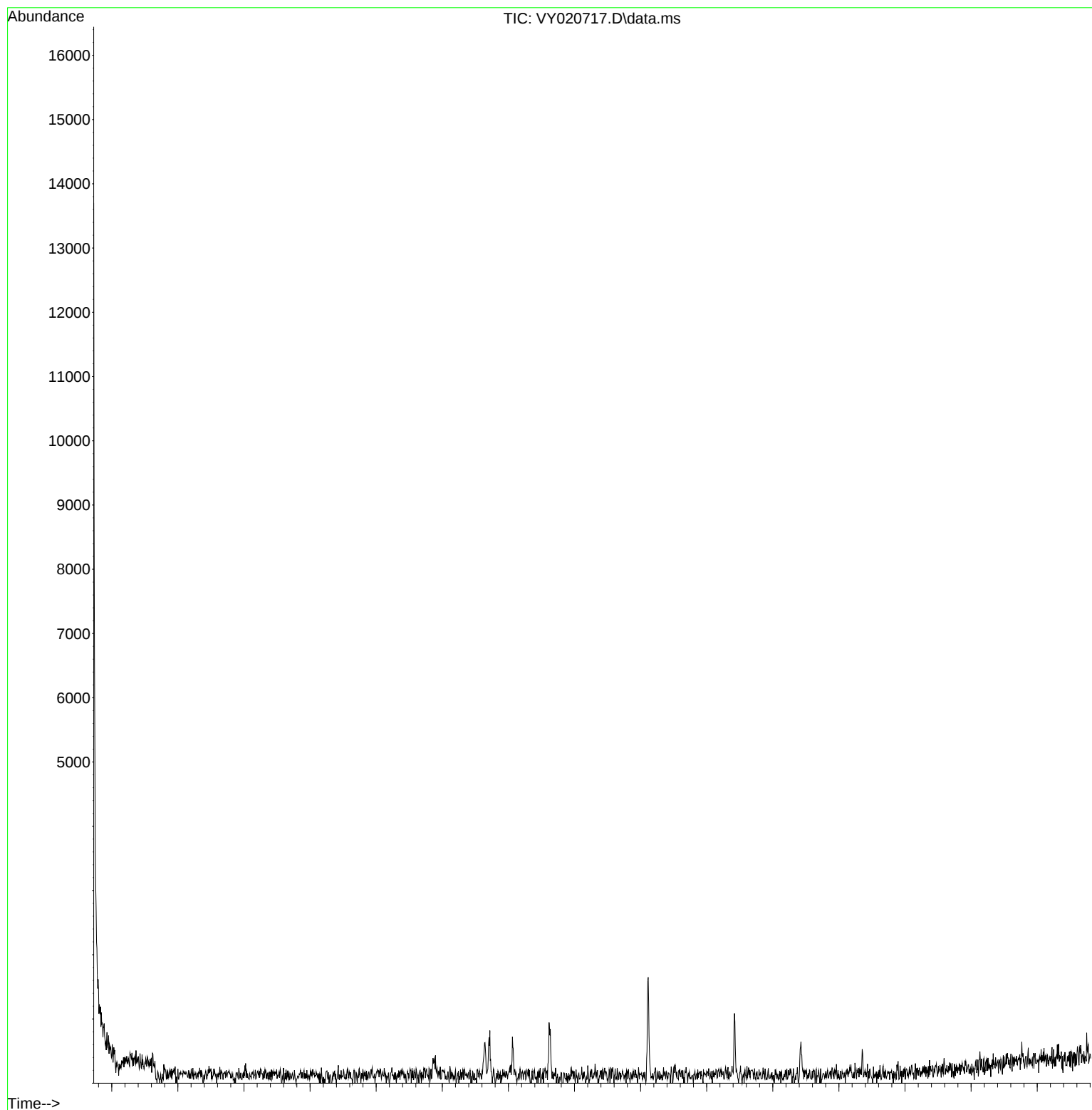
Qvalue

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

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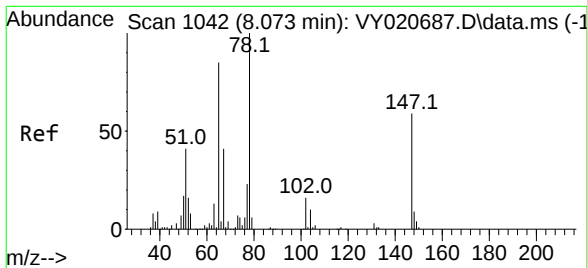
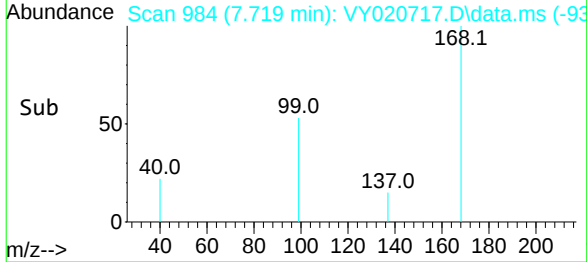
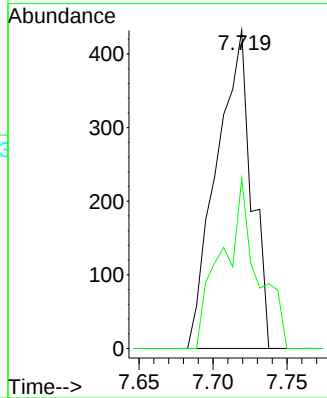
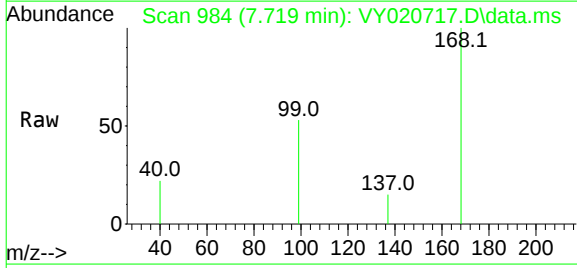




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020717.D
Acq: 26 Dec 2024 15:18

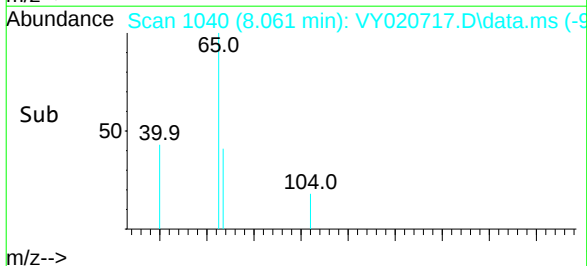
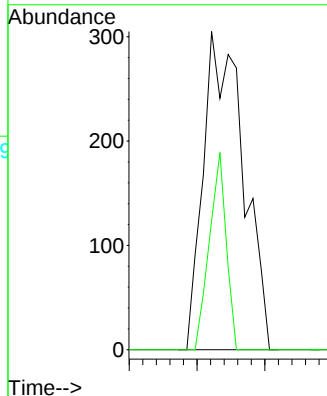
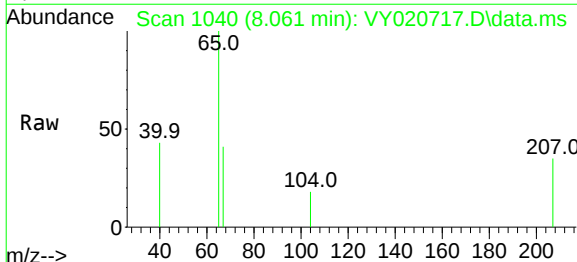
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024

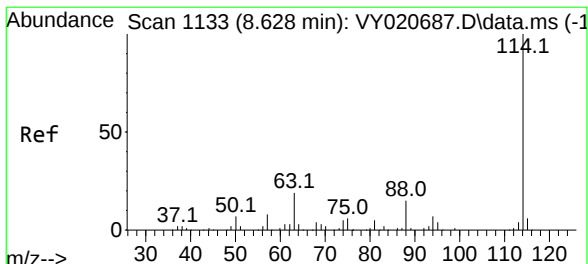
Tgt Ion:168 Resp: 710
Ion Ratio Lower Upper
168 100
99 53.5 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 107.299 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020717.D
Acq: 26 Dec 2024 15:18

Tgt Ion: 65 Resp: 624
Ion Ratio Lower Upper
65 100
67 26.1 0.0 98.0

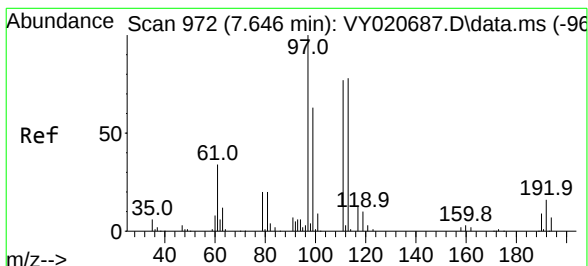
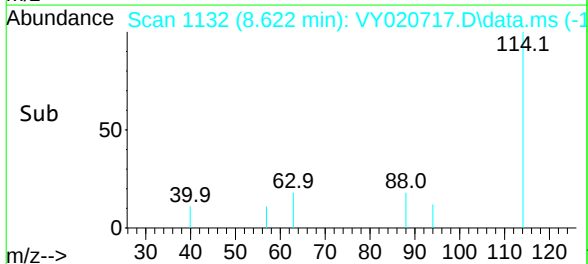
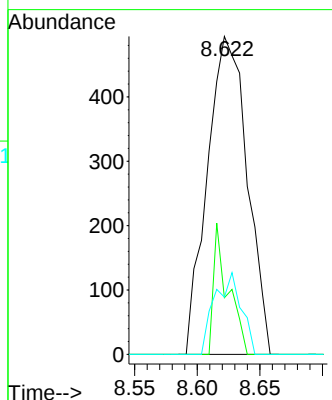
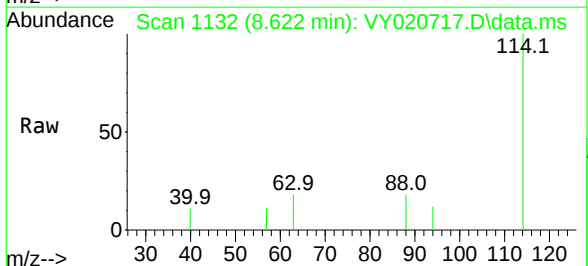




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020717.D
 Acq: 26 Dec 2024 15:18

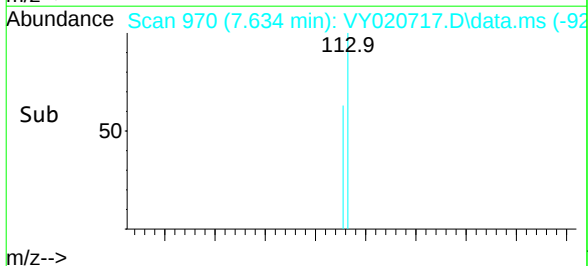
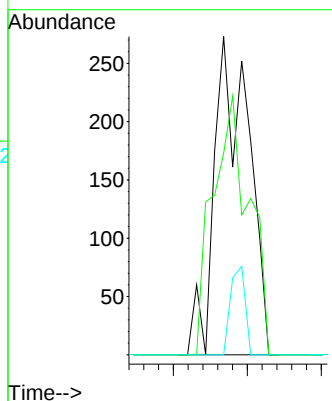
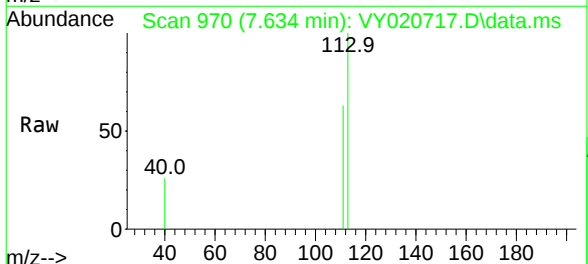
Instrument :
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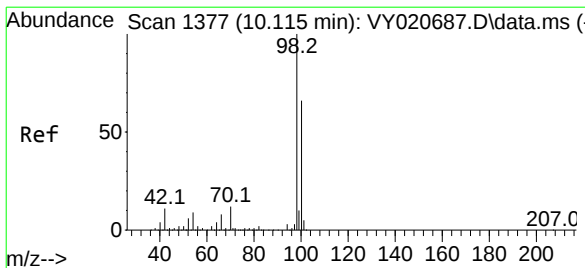
Tgt Ion:	114	Resp:	1096
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	38.4
88	18.0	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 72.885 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.012 min
 Lab File: VY020717.D
 Acq: 26 Dec 2024 15:18

Tgt Ion:	113	Resp:	440
Ion	Ratio	Lower	Upper
113	100		
111	86.1	79.8	119.8
192	11.8	17.0	25.6





#50

Toluene-d8

Concen: 54.893 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020717.D

Acq: 26 Dec 2024 15:18

Instrument :

MSVOA_Y

ClientSampleId :

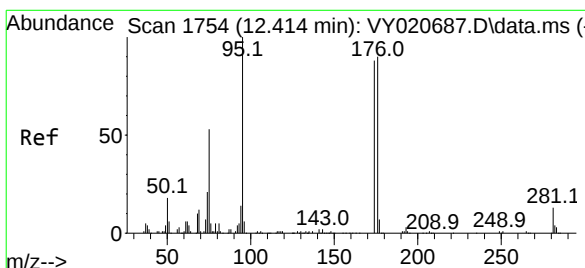
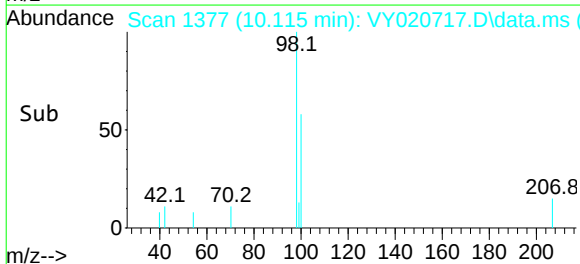
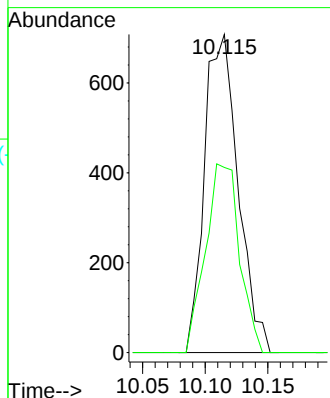
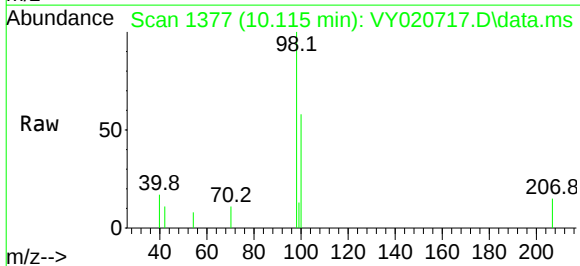
OK-02-12232024

Tgt Ion: 98 Resp: 1322

Ion Ratio Lower Upper

98 100

100 59.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 14.583 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020717.D

Acq: 26 Dec 2024 15:18

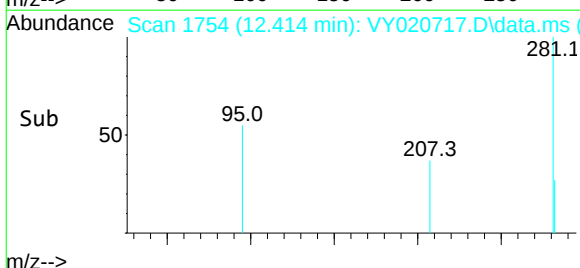
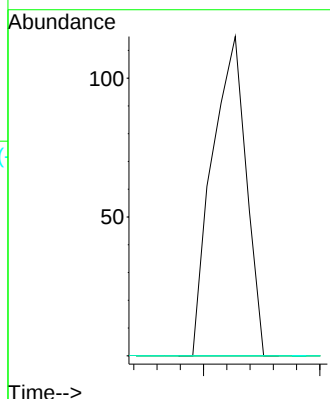
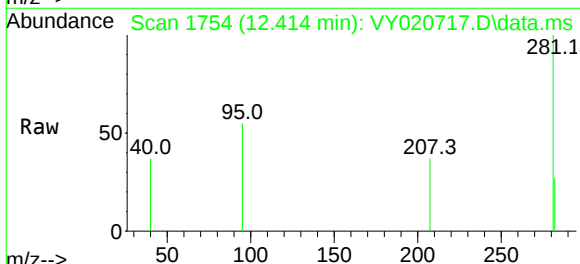
Tgt Ion: 95 Resp: 117

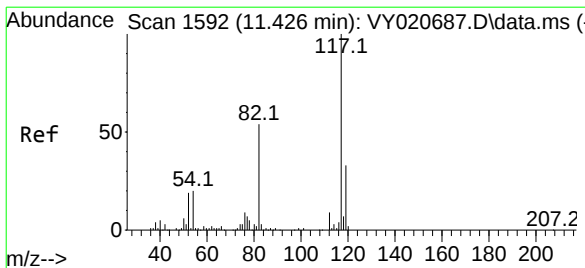
Ion Ratio Lower Upper

95 100

174 0.0 0.0 179.2

176 0.0 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1592

Delta R.T. -0.012 min

Lab File: VY020717.D

Acq: 26 Dec 2024 15:18

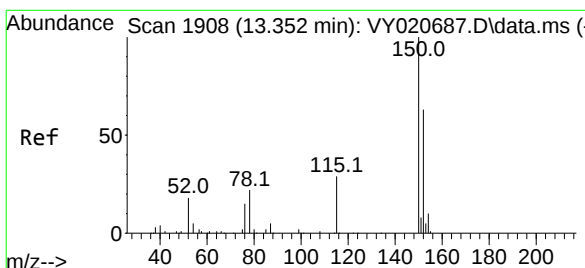
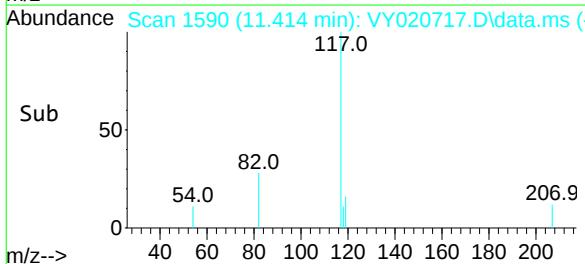
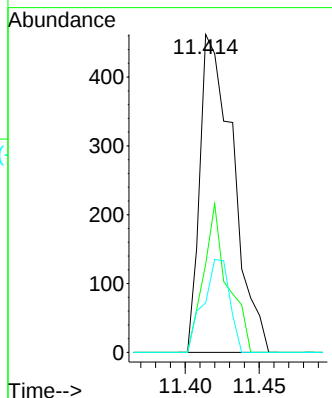
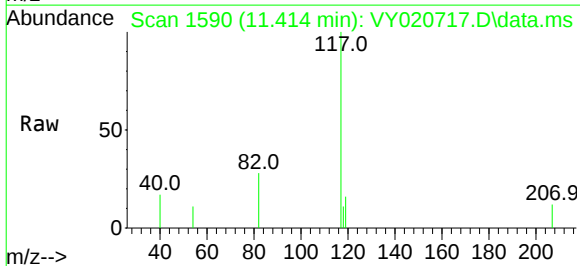
Instrument :

MSVOA_Y

ClientSampleId :

OK-02-12232024

Tgt Ion:	117	Resp:	721
Ion	Ratio	Lower	Upper
117	100		
82	27.7	43.4	65.2#
119	15.6	26.6	39.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY020717.D

Acq: 26 Dec 2024 15:18

Tgt Ion:	152	Resp:	100
Ion	Ratio	Lower	Upper
152	100		
115	32.0	30.3	90.9
150	183.0	0.0	349.0

