

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
 Data File : VY020795.D
 Acq On : 07 Jan 2025 16:19
 Operator : SY/MD
 Sample : Q1027-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-010725RE

Quant Time: Jan 08 00:55:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	678	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.426	117	201	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	20	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	270	86.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	173.120%#
35) Dibromofluoromethane	7.652	113	421	99.114	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	198.220%#
50) Toluene-d8	10.115	98	403	27.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	54.440%#
62) 4-Bromofluorobenzene	12.420	95	25	4.572	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	9.140%#

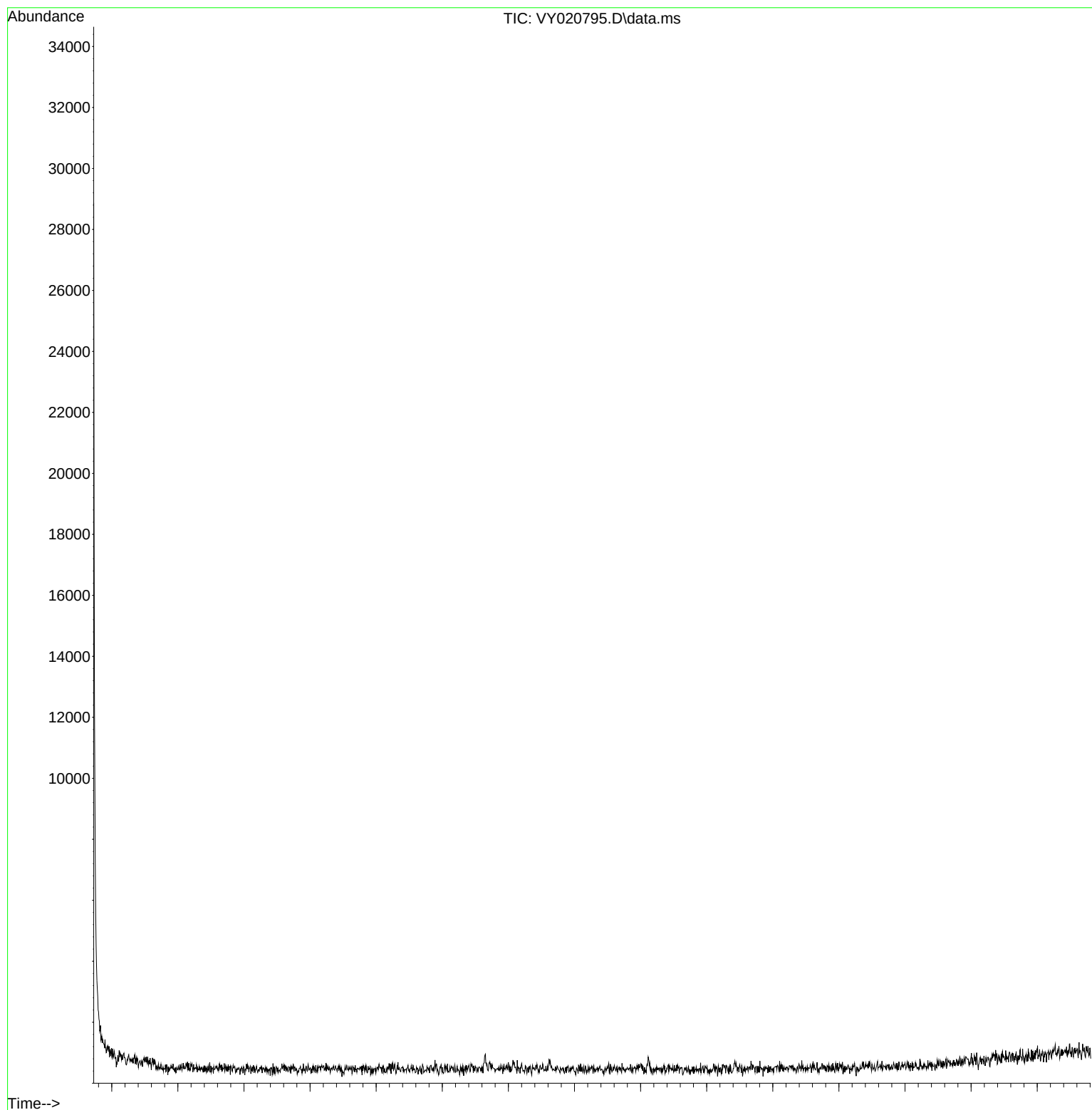
Target Compounds Qvalue

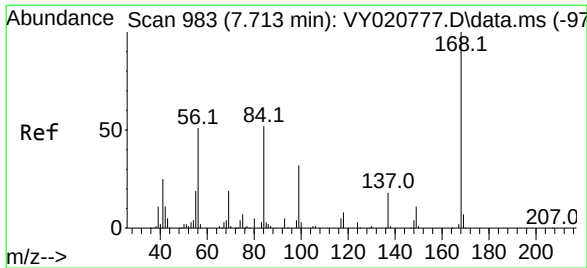
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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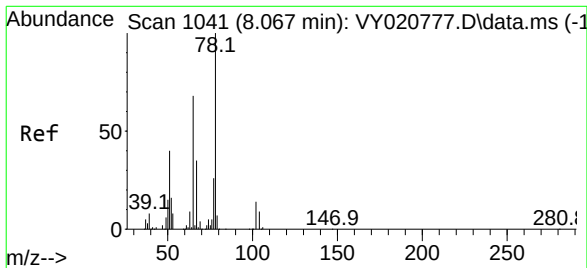
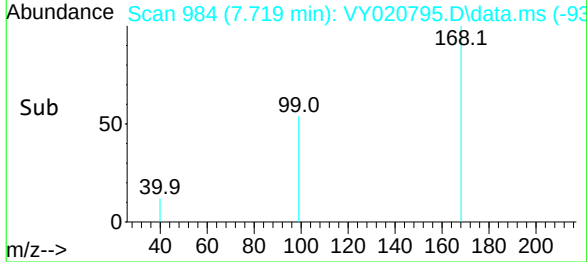
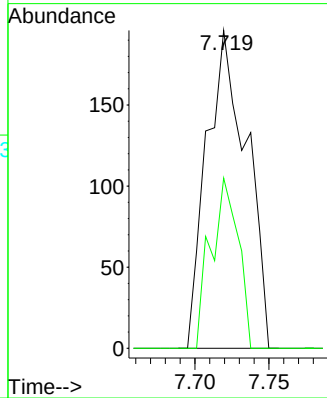
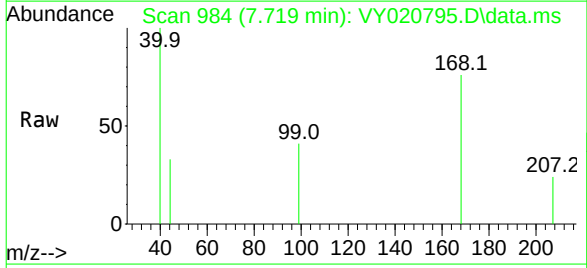




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020795.D
Acq: 07 Jan 2025 16:19

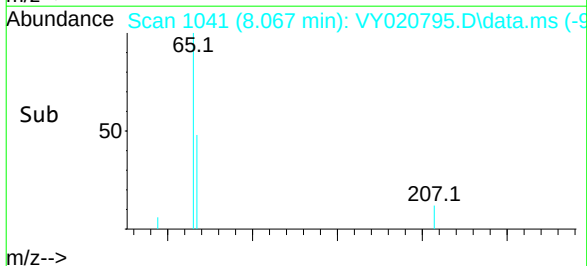
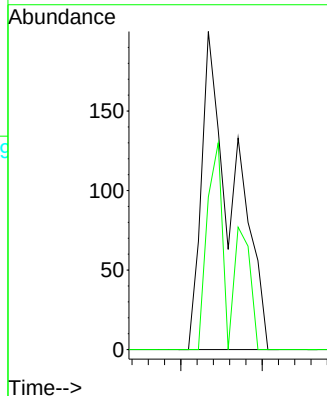
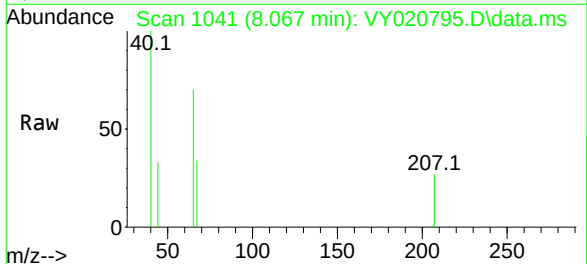
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-010725RE

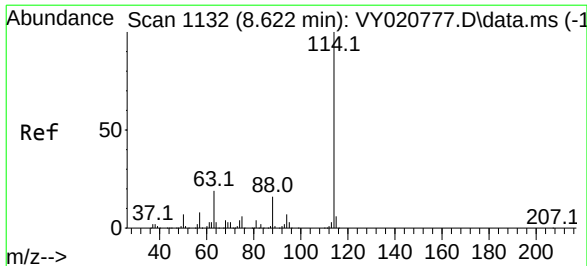
Tgt Ion:168 Resp: 367
Ion Ratio Lower Upper
168 100
99 53.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 86.556 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020795.D
Acq: 07 Jan 2025 16:19

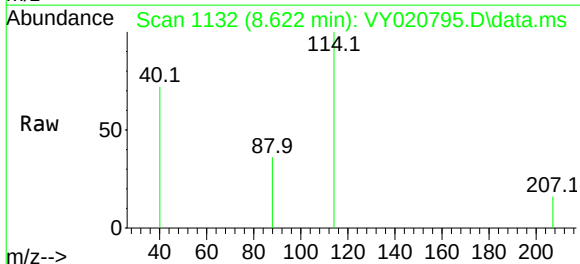
Tgt Ion: 65 Resp: 270
Ion Ratio Lower Upper
65 100
67 50.0 0.0 102.8



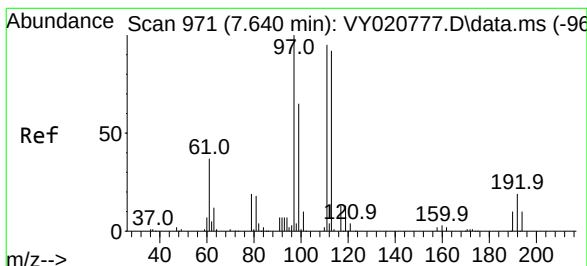
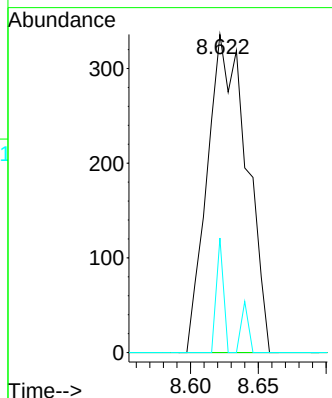
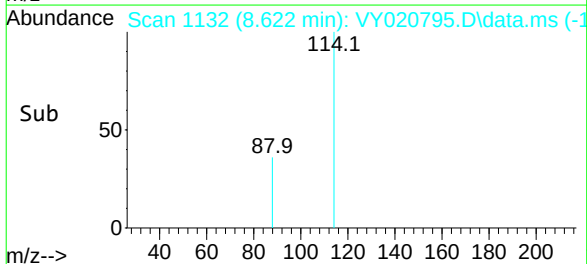


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020795.D
Acq: 07 Jan 2025 16:19

Instrument :
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ClientSampleId :
EO-03-010725RE

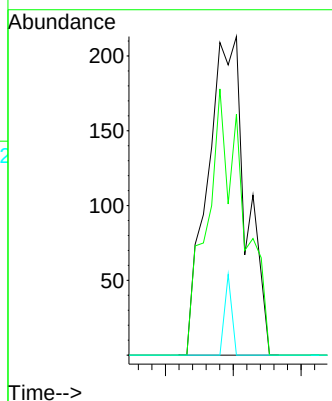
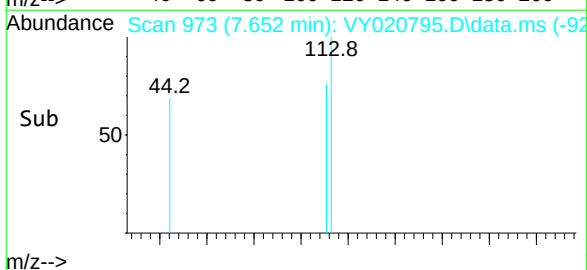
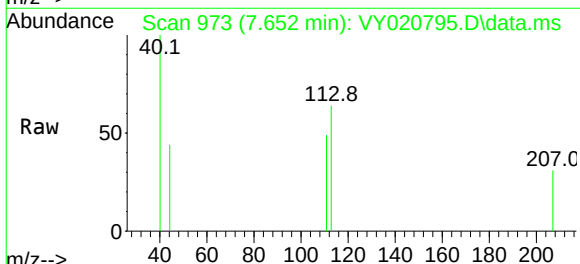


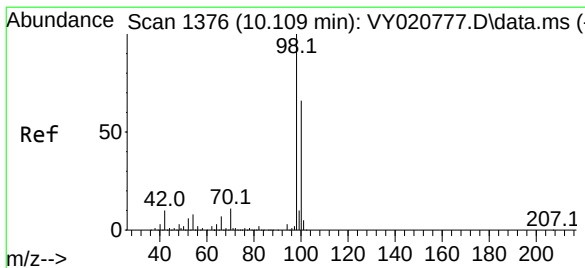
Tgt Ion:114 Resp: 678
Ion Ratio Lower Upper
114 100
63 0.0 0.0 38.4
88 36.0 0.0 31.2#



#35
Dibromofluoromethane
Concen: 99.114 ug/l
RT: 7.652 min Scan# 973
Delta R.T. 0.012 min
Lab File: VY020795.D
Acq: 07 Jan 2025 16:19

Tgt Ion:113 Resp: 421
Ion Ratio Lower Upper
113 100
111 78.4 81.7 122.5#
192 4.8 16.7 25.1#





#50

Toluene-d8

Concen: 27.216 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020795.D

Acq: 07 Jan 2025 16:19

Instrument :

MSVOA_Y

ClientSampleId :

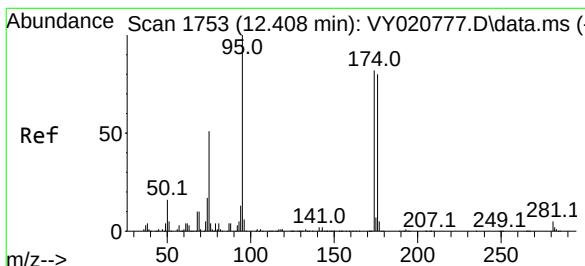
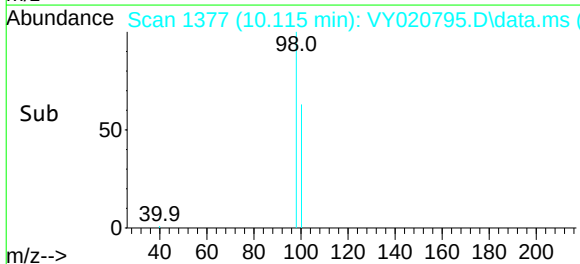
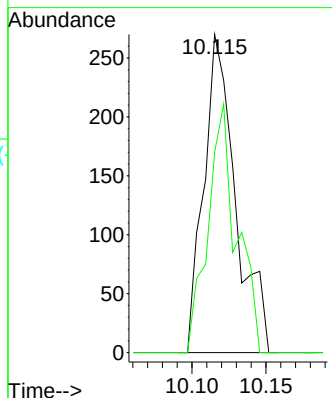
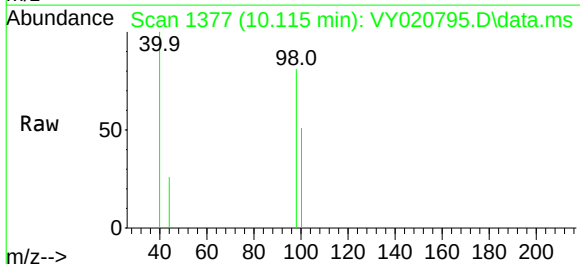
EO-03-010725RE

Tgt Ion: 98 Resp: 403

Ion Ratio Lower Upper

98 100

100 70.7 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 4.572 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020795.D

Acq: 07 Jan 2025 16:19

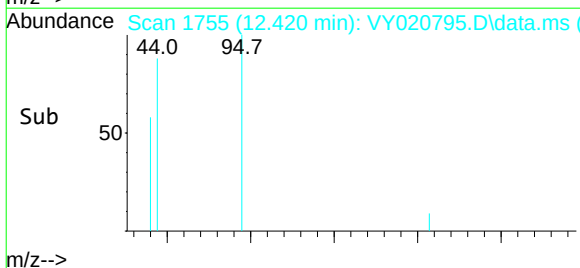
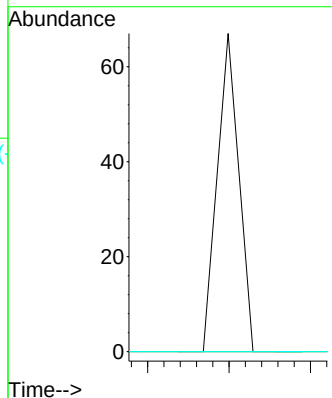
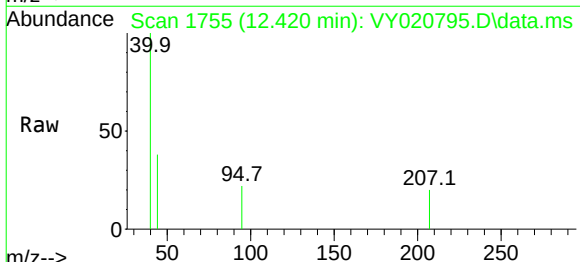
Tgt Ion: 95 Resp: 25

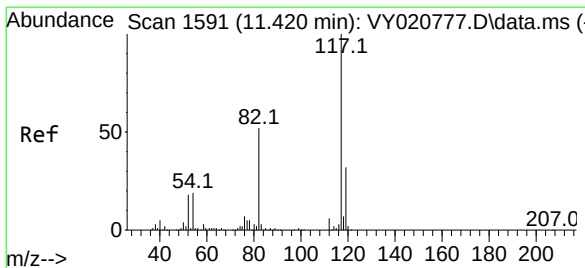
Ion Ratio Lower Upper

95 100

174 0.0 0.0 178.0

176 0.0 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020795.D

Acq: 07 Jan 2025 16:19

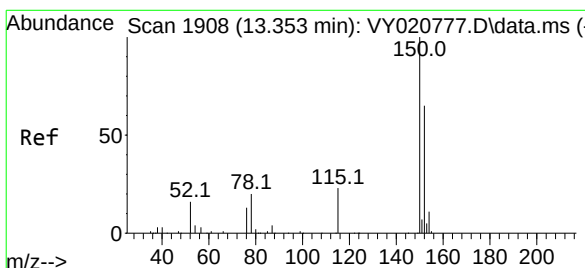
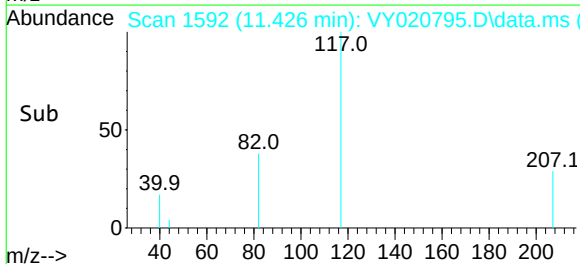
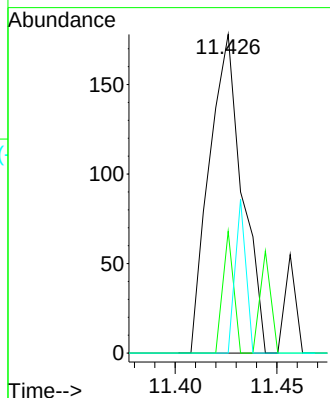
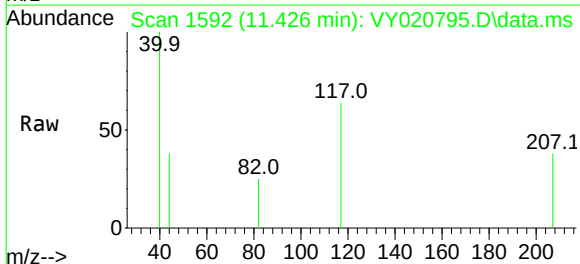
Instrument :

MSVOA_Y

ClientSampleId :

EO-03-010725RE

Tgt Ion:	117	Resp:	201
Ion	Ratio	Lower	Upper
117	100		
82	38.2	41.8	62.6#
119	0.0	25.8	38.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020795.D

Acq: 07 Jan 2025 16:19

Tgt Ion:	152	Resp:	20
Ion	Ratio	Lower	Upper
152	100		
115	215.0	29.0	87.0#
150	335.0	0.0	347.4

