

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
 Data File : VY019822.D
 Acq On : 08 Oct 2024 14:58
 Operator : SY/MD
 Sample : P4344-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-100724

Quant Time: Oct 09 02:08:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	584	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	705	77.848	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.700%
35) Dibromofluoromethane	7.640	113	646	75.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	151.100%#
50) Toluene-d8	10.103	98	943	29.818	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	59.640%
62) 4-Bromofluorobenzene	12.414	95	242	19.901	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	39.800%

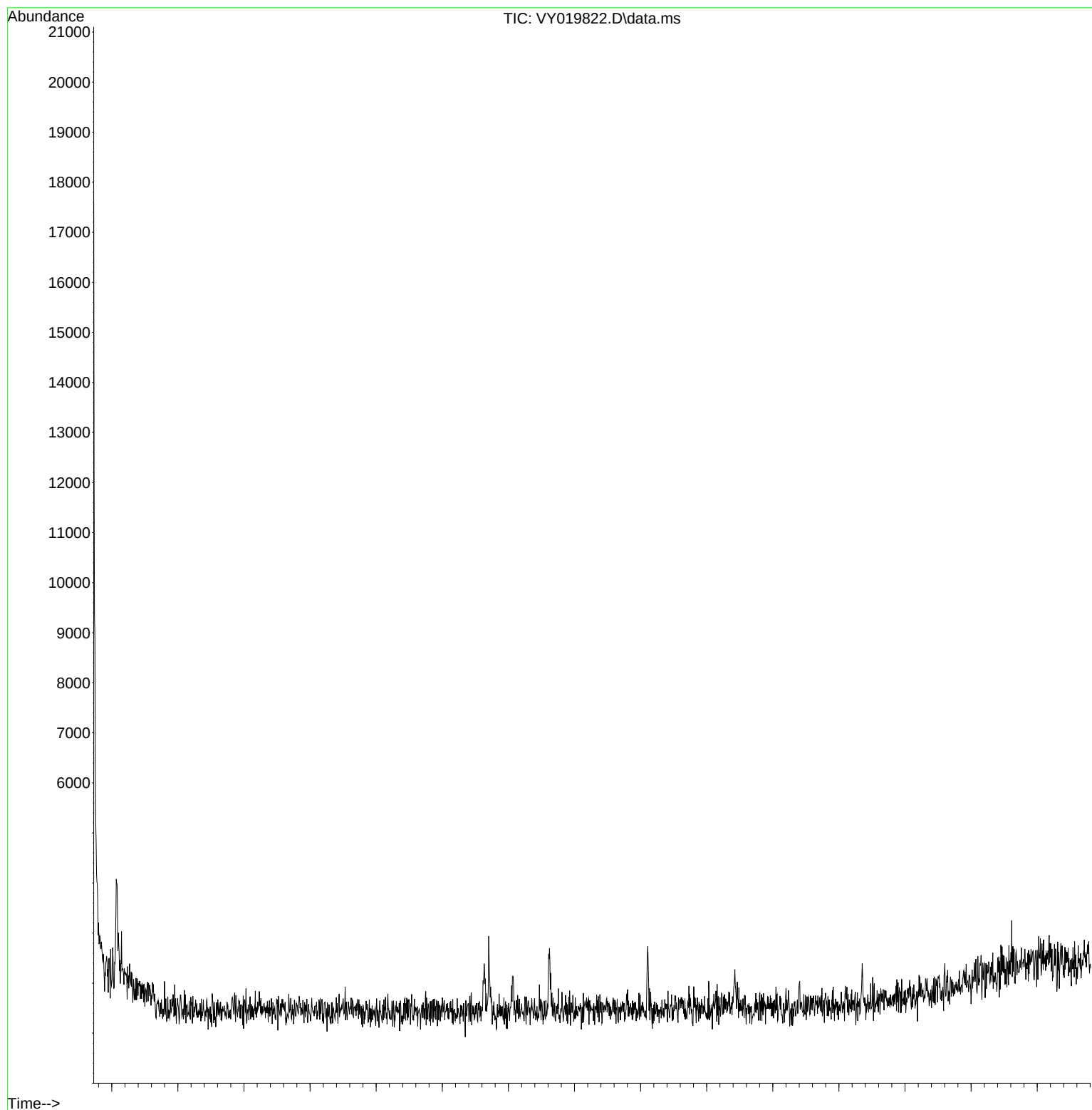
Target Compounds Qvalue

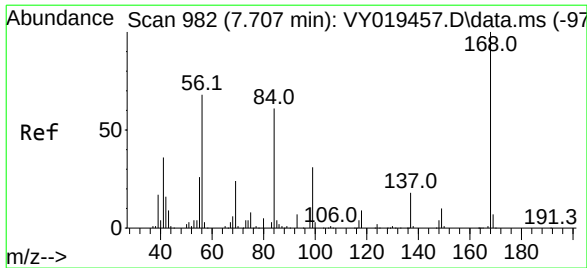
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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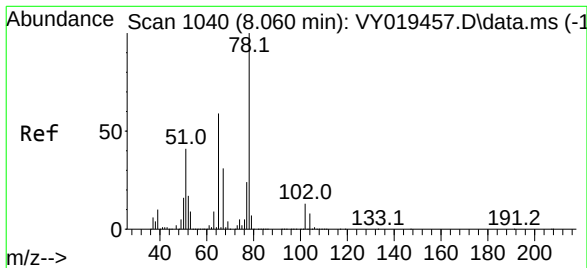
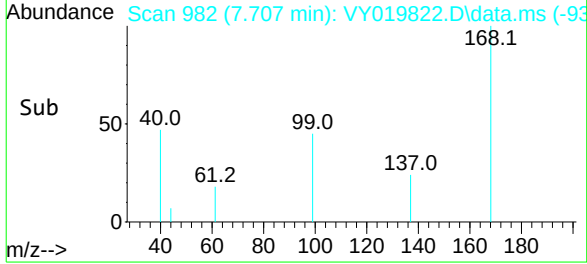
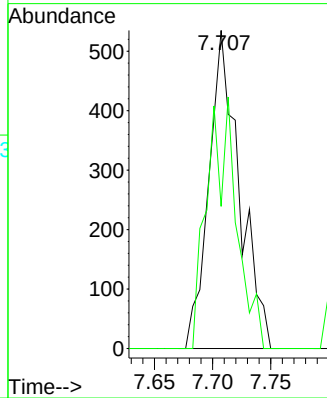
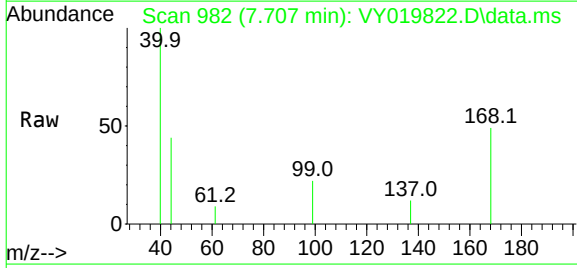




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019822.D
Acq: 08 Oct 2024 14:58

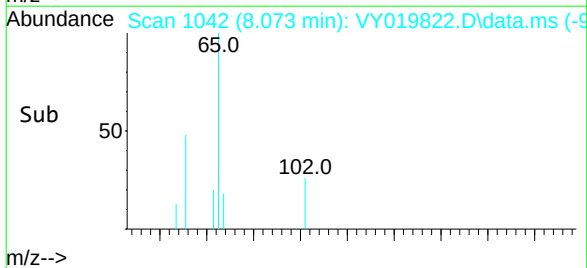
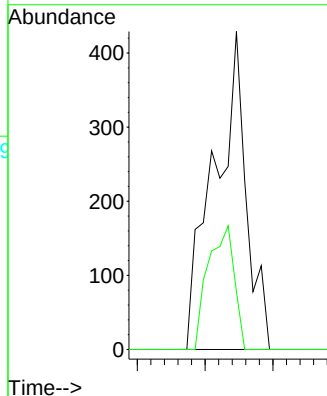
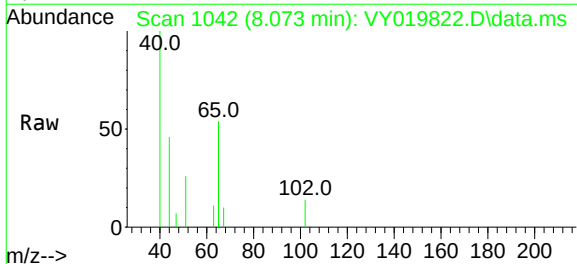
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100724

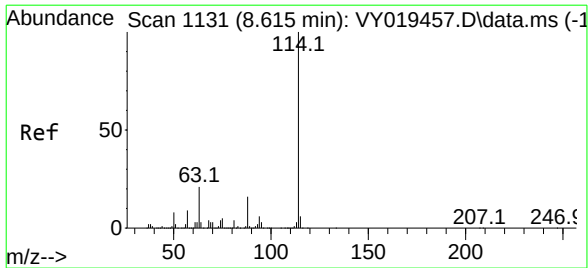
Tgt Ion:168 Resp: 978
Ion Ratio Lower Upper
168 100
99 44.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 77.848 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.013 min
Lab File: VY019822.D
Acq: 08 Oct 2024 14:58

Tgt Ion: 65 Resp: 705
Ion Ratio Lower Upper
65 100
67 31.6 0.0 109.6

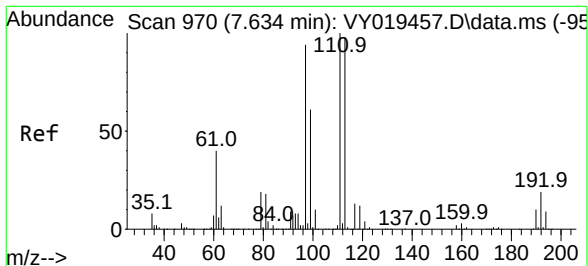
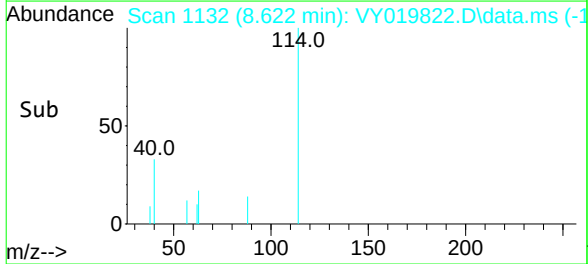
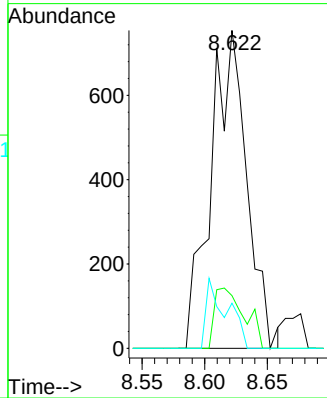
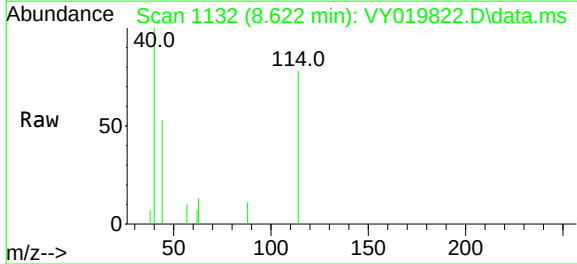




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY019822.D
Acq: 08 Oct 2024 14:58

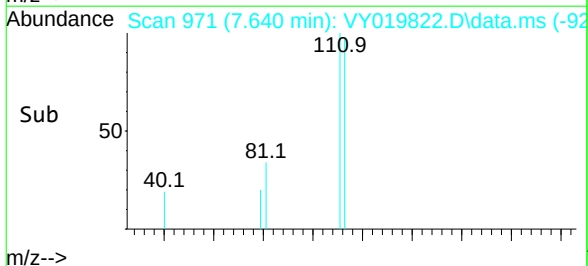
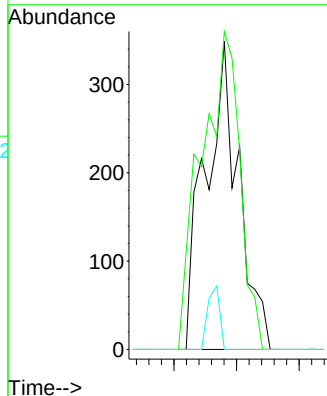
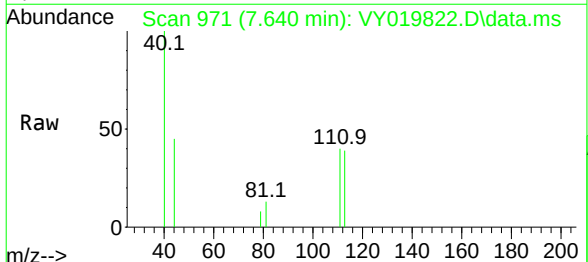
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100724

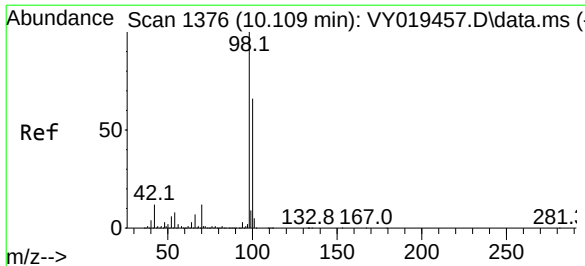
Tgt Ion:	114	Resp:	1508
Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	35.0
88	14.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 75.555 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019822.D
Acq: 08 Oct 2024 14:58

Tgt Ion:	113	Resp:	646
Ion	Ratio	Lower	Upper
113	100		
111	118.6	82.2	123.4
192	7.4	15.9	23.9





#50

Toluene-d8

Concen: 29.818 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019822.D

Acq: 08 Oct 2024 14:58

Instrument :

MSVOA_Y

ClientSampleId :

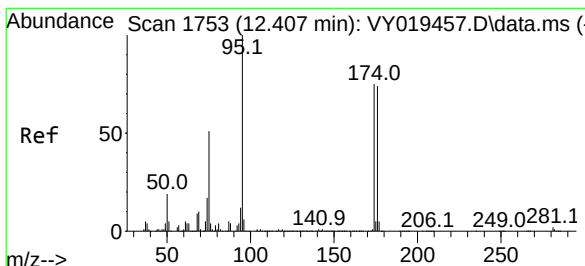
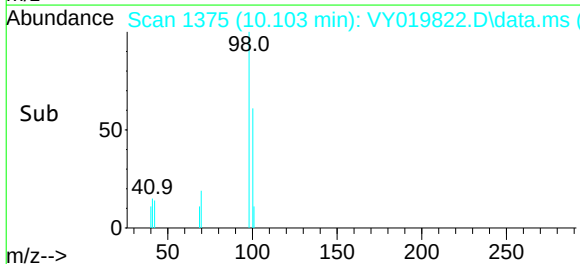
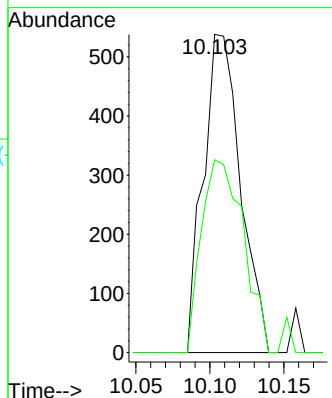
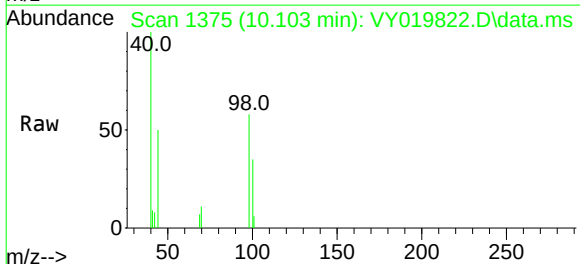
TR-05-100724

Tgt Ion: 98 Resp: 943

Ion Ratio Lower Upper

98 100

100 68.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 19.901 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.007 min

Lab File: VY019822.D

Acq: 08 Oct 2024 14:58

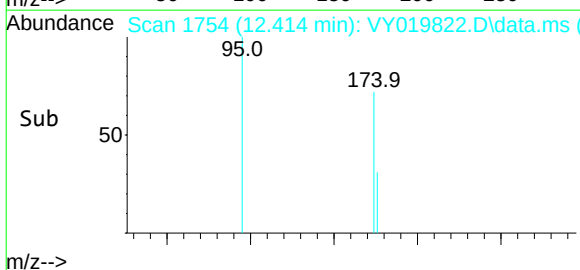
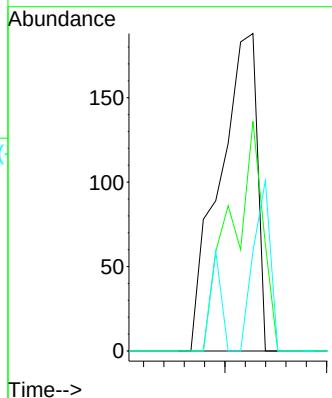
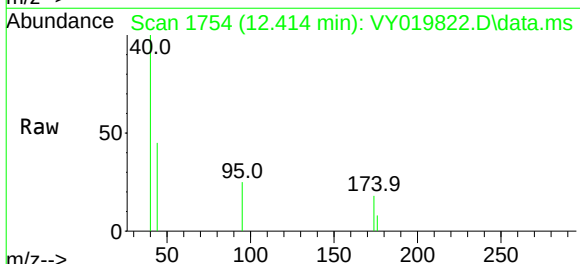
Tgt Ion: 95 Resp: 242

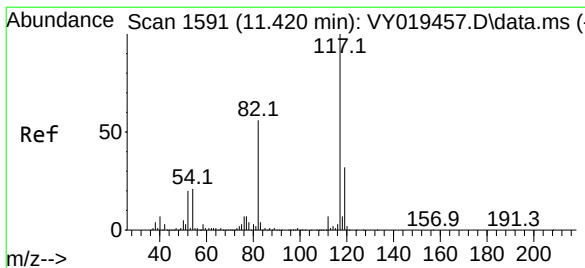
Ion Ratio Lower Upper

95 100

174 61.2 0.0 175.6

176 24.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.007 min

Lab File: VY019822.D

Acq: 08 Oct 2024 14:58

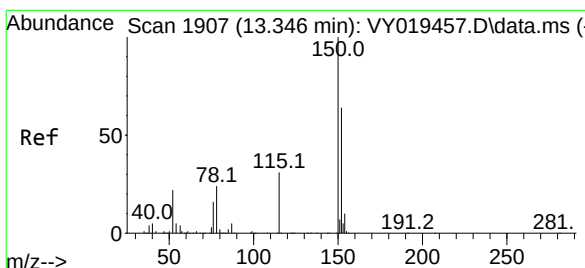
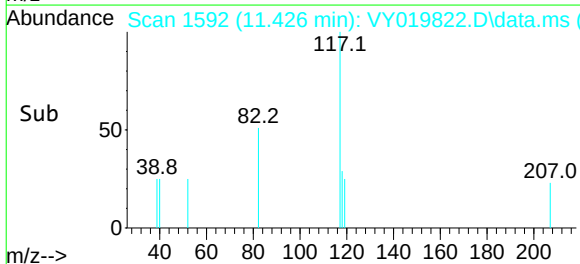
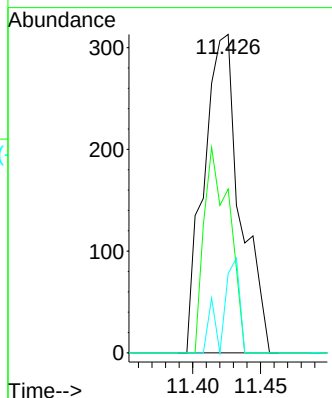
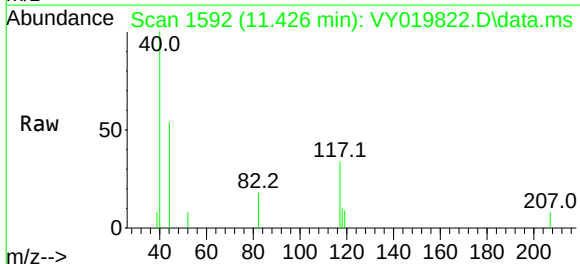
Instrument :

MSVOA_Y

ClientSampleId :

TR-05-100724

Tgt Ion:	117	Resp:	584
Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.4	63.6
119	24.9	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY019822.D

Acq: 08 Oct 2024 14:58

Tgt Ion:	152	Resp:	153
Ion	Ratio	Lower	Upper
152	100		
115	66.0	28.2	84.7
150	267.3	0.0	345.6

