

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019486.D
 Acq On : 10 Sep 2024 14:37
 Operator : SY/MD
 Sample : P3892-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-005RE

Quant Time: Sep 11 01:49:34 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	7.701	168	49057	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	77797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	49907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	13136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	18227	40.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.240%
35) Dibromofluoromethane	7.634	113	21280	48.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.480%
50) Toluene-d8	10.103	98	82679	50.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.402	95	20434	32.573	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	65.140%

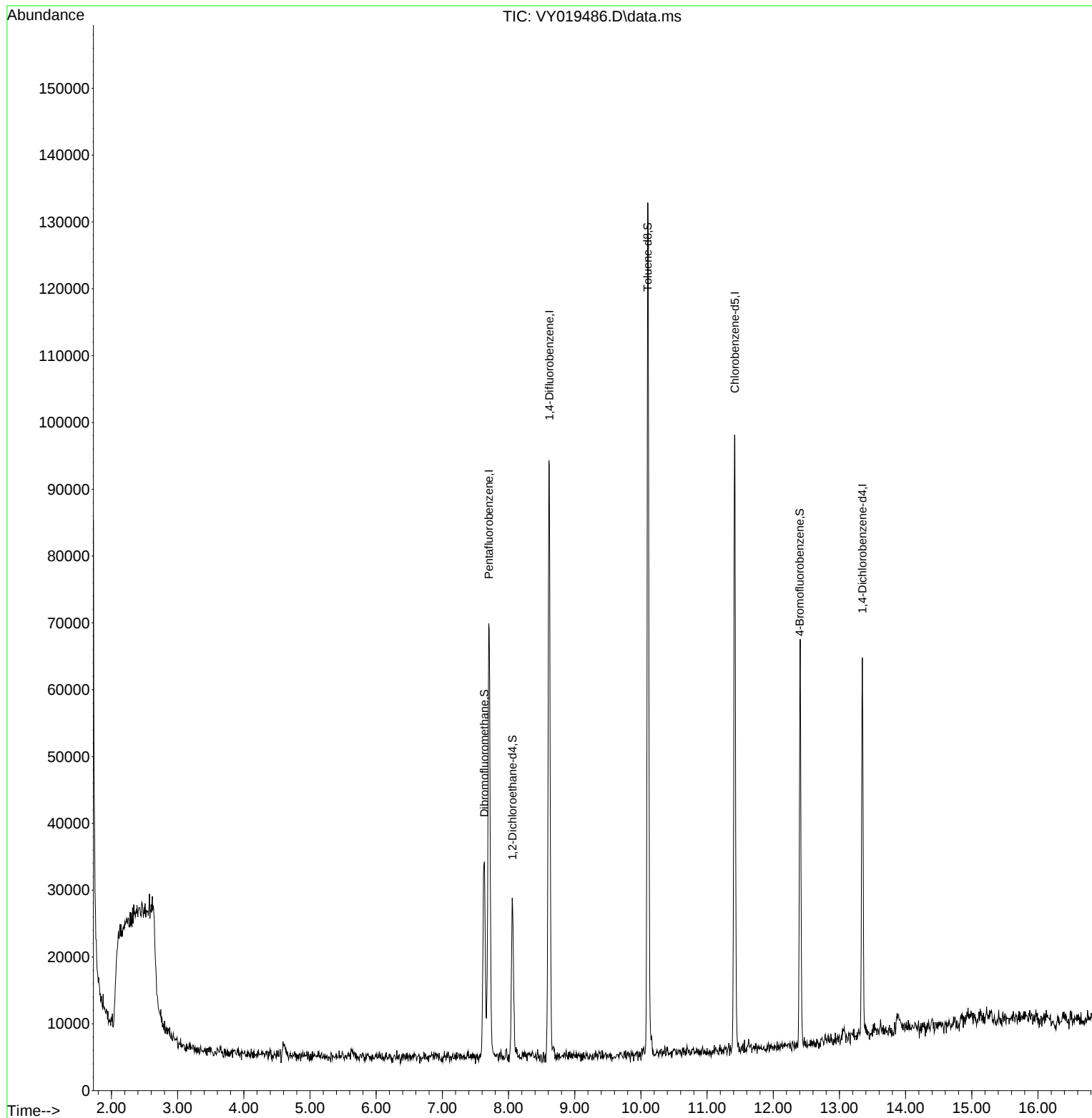
Target Compounds	Qvalue

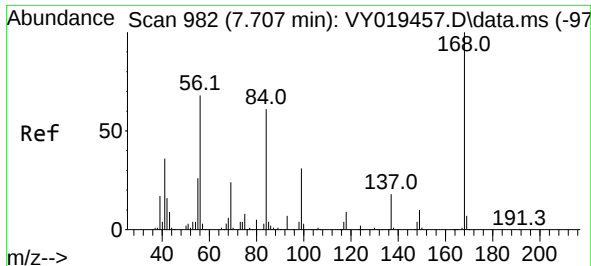
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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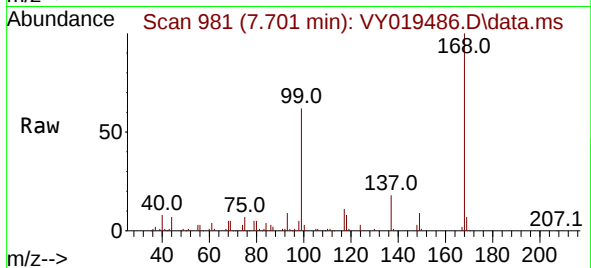
Quant Time: Sep 11 01:49:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
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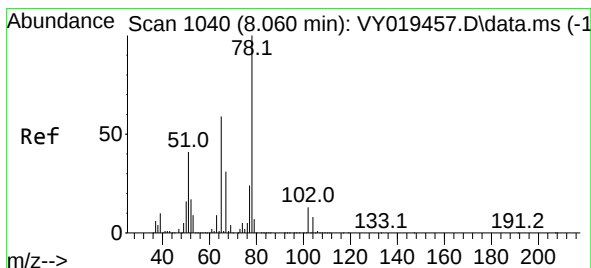
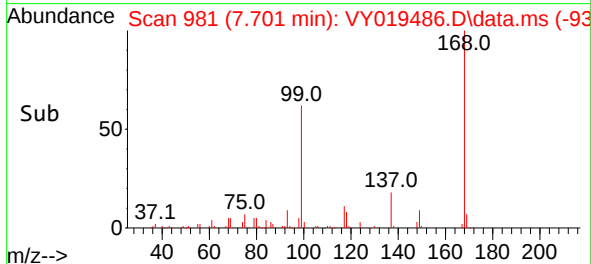
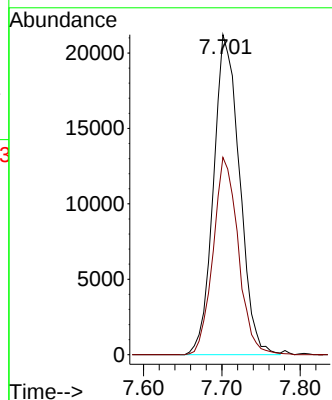


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019486.D
Acq: 10 Sep 2024 14:37

Instrument :
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ARS20-005RE

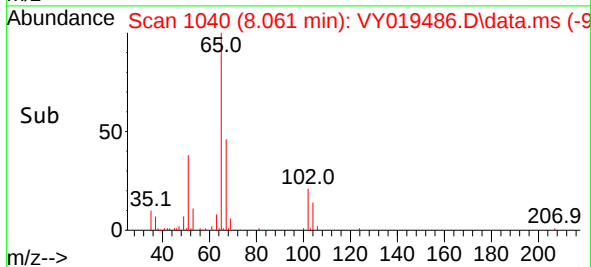
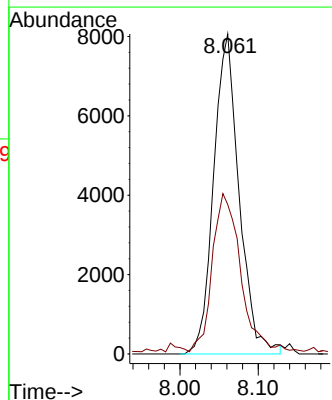
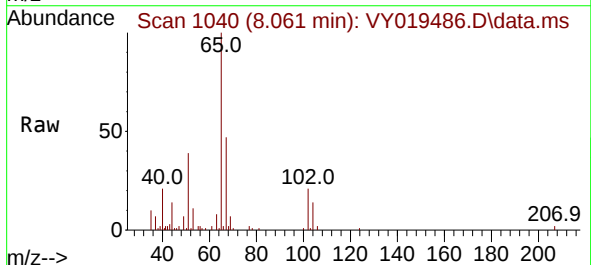


Tgt Ion:168 Resp: 49057
Ion Ratio Lower Upper
168 100
99 61.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 40.125 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019486.D
Acq: 10 Sep 2024 14:37

Tgt Ion: 65 Resp: 18227
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019486.D

Acq: 10 Sep 2024 14:37

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-005RE

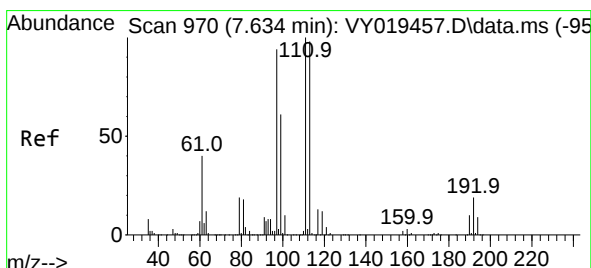
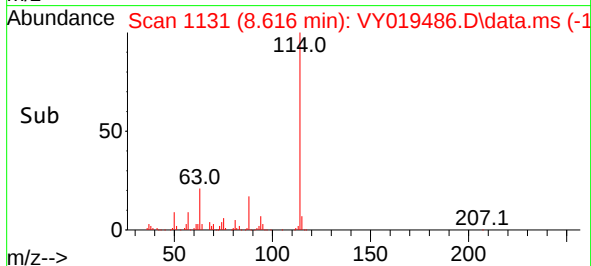
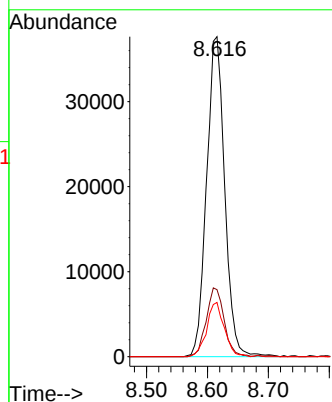
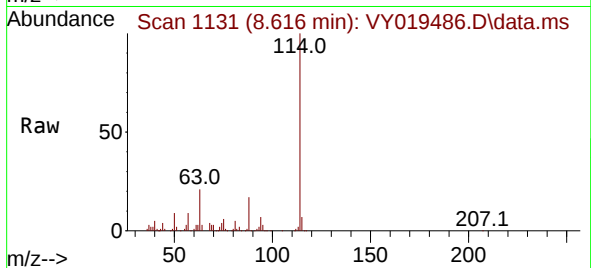
Tgt Ion:114 Resp: 77797

Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

88 17.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.244 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019486.D

Acq: 10 Sep 2024 14:37

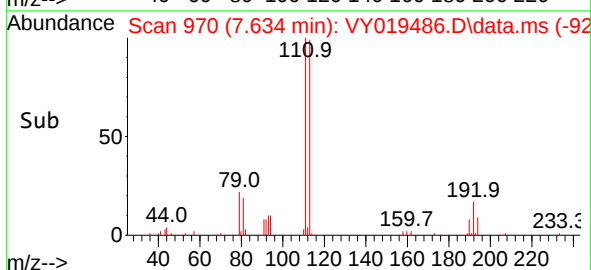
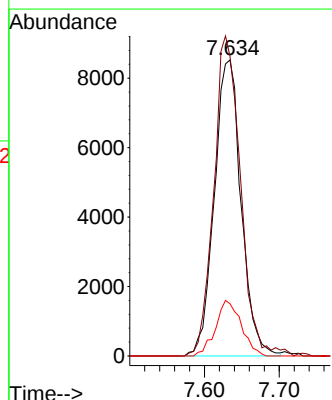
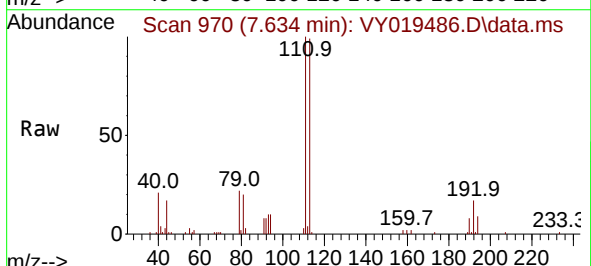
Tgt Ion:113 Resp: 21280

Ion Ratio Lower Upper

113 100

111 107.4 82.2 123.4

192 18.0 15.9 23.9

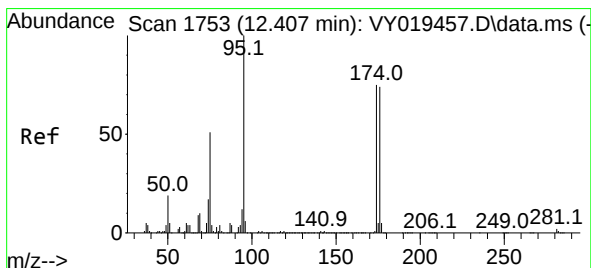
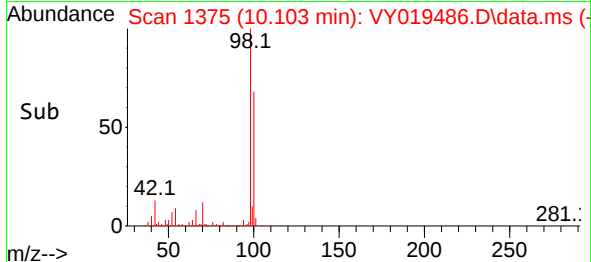
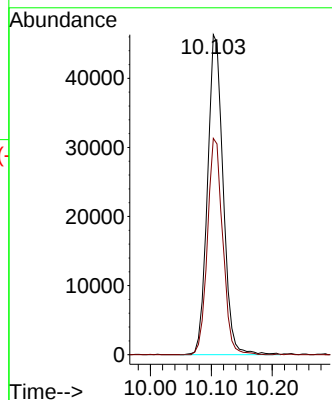
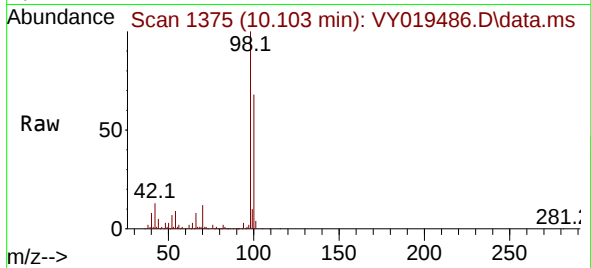




#50
Toluene-d8
Concen: 50.676 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019486.D
Acq: 10 Sep 2024 14:37

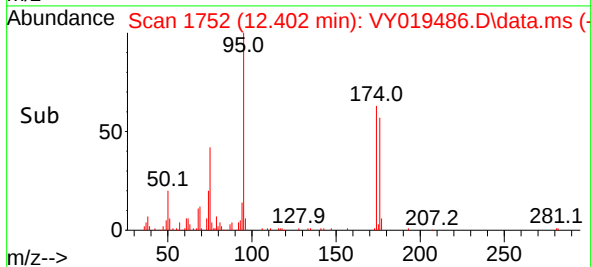
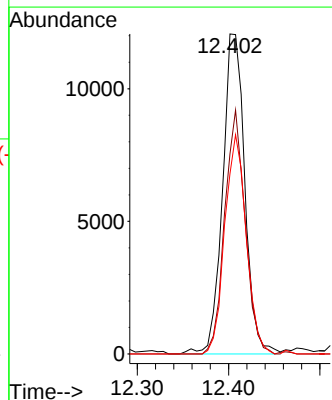
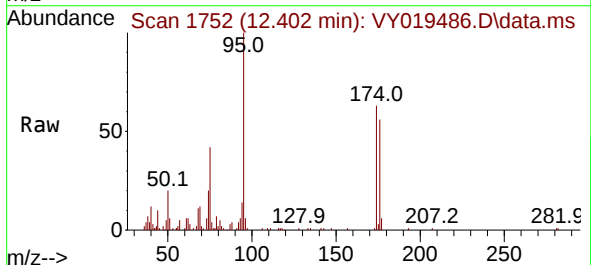
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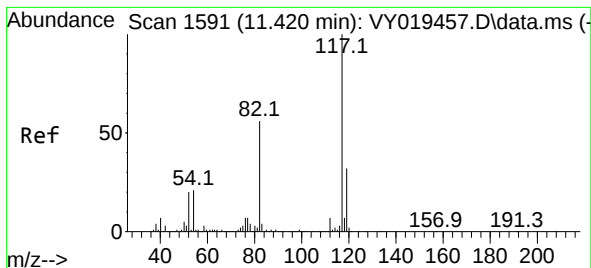
Tgt Ion: 98 Resp: 82679
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.573 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019486.D
Acq: 10 Sep 2024 14:37

Tgt Ion: 95 Resp: 20434
Ion Ratio Lower Upper
95 100
174 70.0 0.0 175.6
176 66.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019486.D

Acq: 10 Sep 2024 14:37

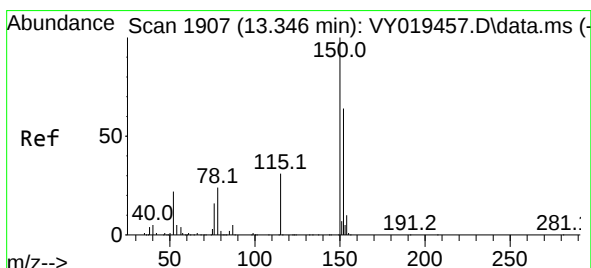
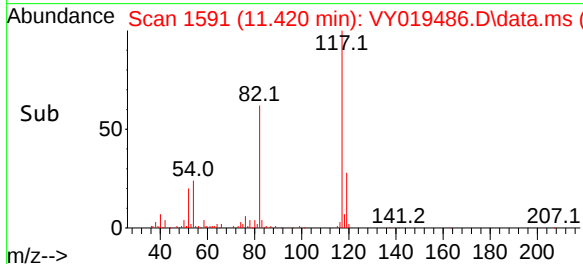
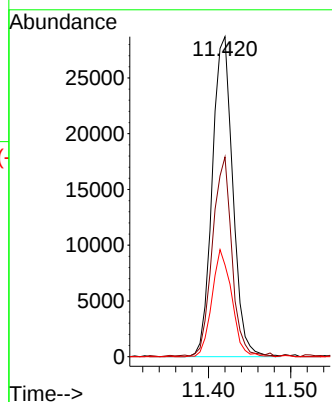
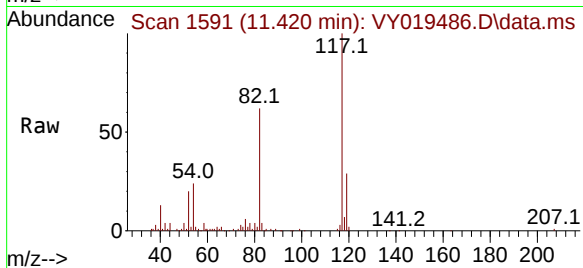
Instrument :

MSVOA_Y

ClientSampleId :

ARS20-005RE

Tgt Ion:117	Resp:	49907
Ion Ratio	Lower	Upper
117	100	
82	62.1	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: VY019486.D

Acq: 10 Sep 2024 14:37

Tgt Ion:152	Resp:	13136
Ion Ratio	Lower	Upper
152	100	
115	63.6	28.2 84.7
150	166.6	0.0 345.6

