

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019469.D
 Acq On : 09 Sep 2024 16:43
 Operator : SY/MD
 Sample : P3892-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-005

Quant Time: Sep 10 01:49:27 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	44527	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	75192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	51509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	14545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	19827	48.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.180%
35) Dibromofluoromethane	7.628	113	21652	50.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.580%
50) Toluene-d8	10.103	98	83245	52.791	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.580%
62) 4-Bromofluorobenzene	12.408	95	19733	32.545	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	65.100%

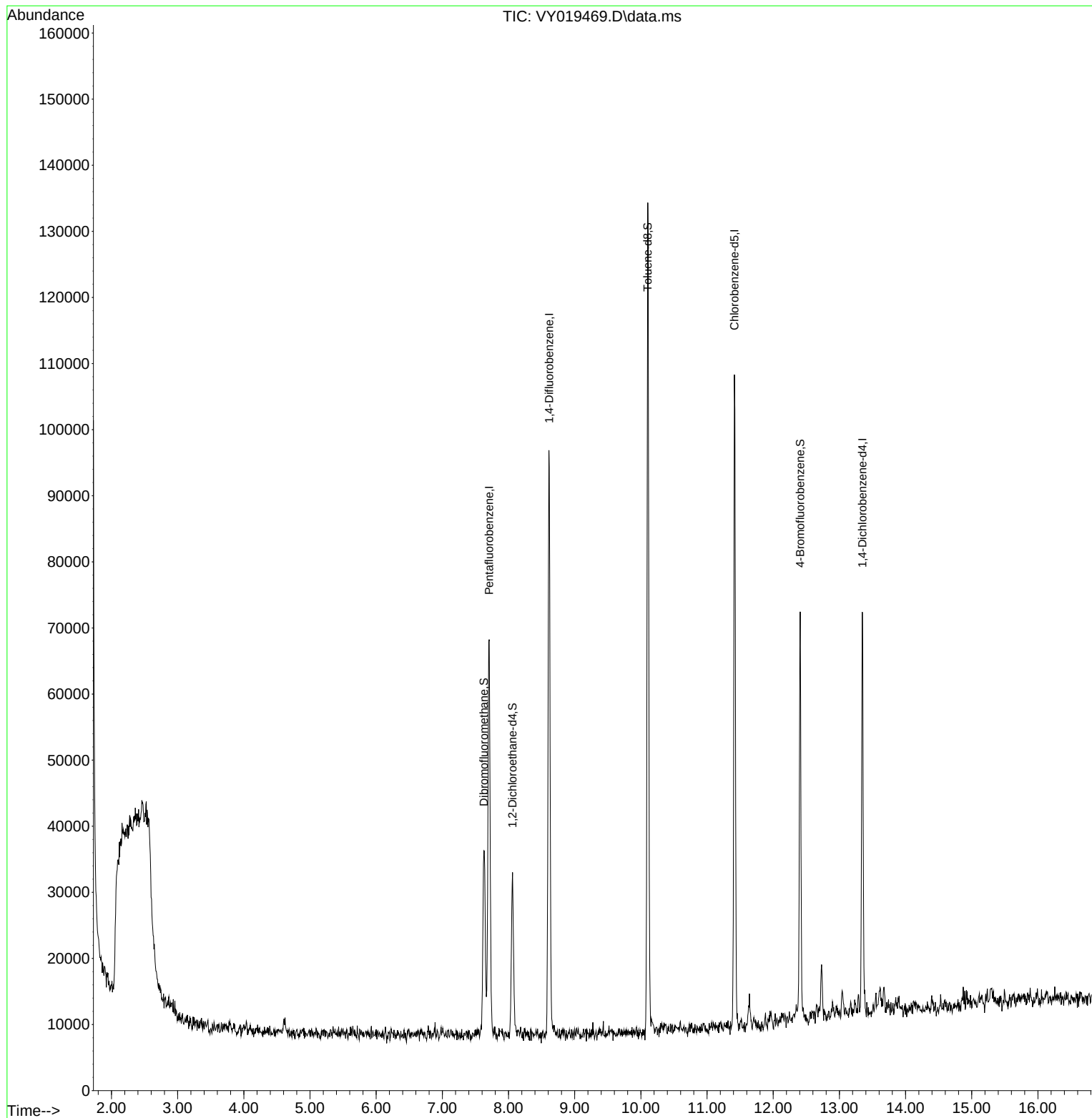
Target Compounds	Qvalue

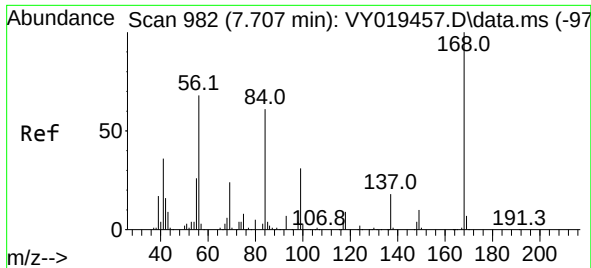
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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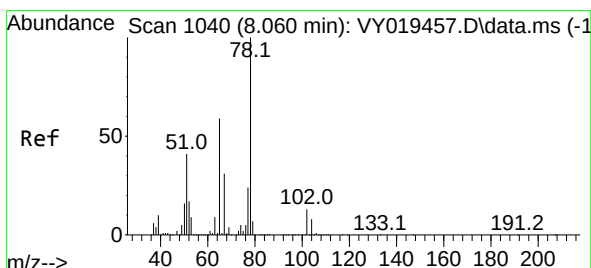
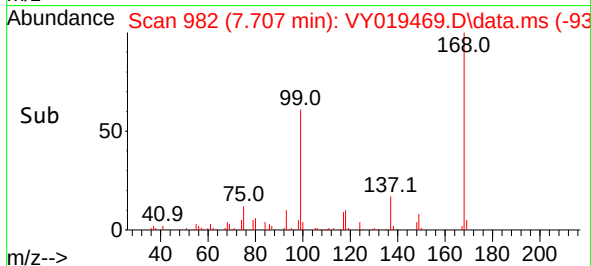
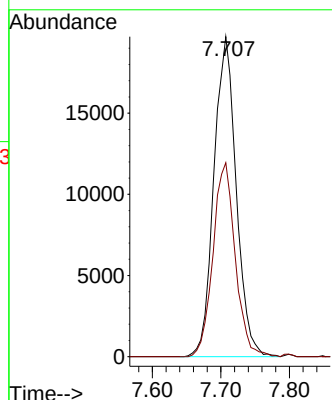
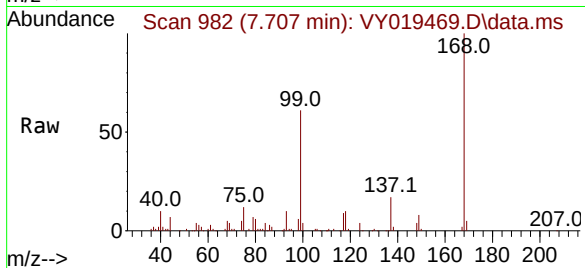




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019469.D
Acq: 09 Sep 2024 16:43

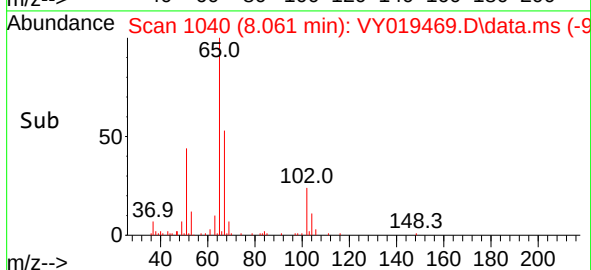
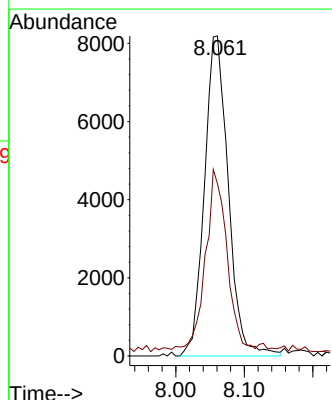
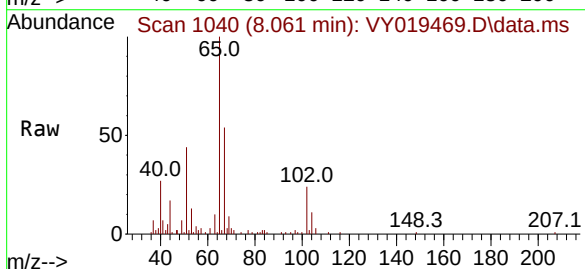
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-005

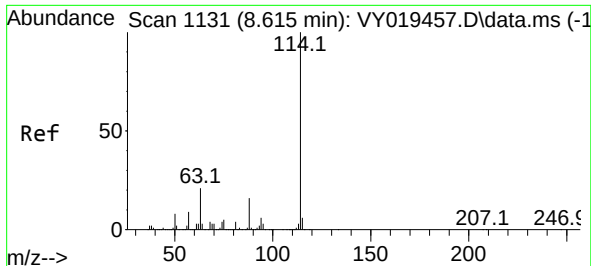
Tgt Ion:168 Resp: 44527
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 48.088 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019469.D
Acq: 09 Sep 2024 16:43

Tgt Ion: 65 Resp: 19827
Ion Ratio Lower Upper
65 100
67 50.3 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: VY019469.D

Acq: 09 Sep 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-005

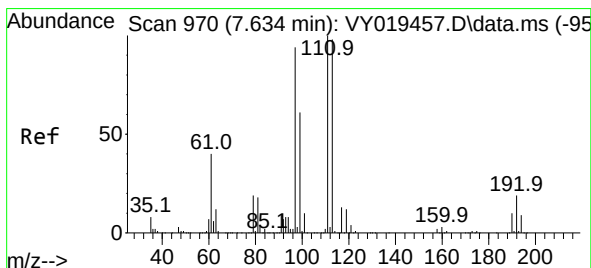
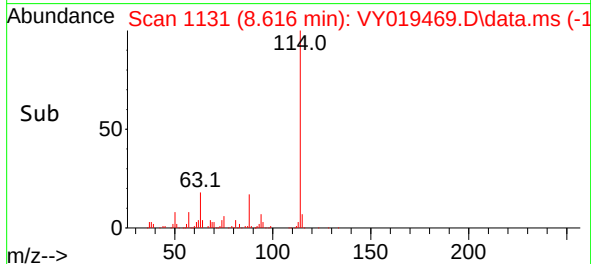
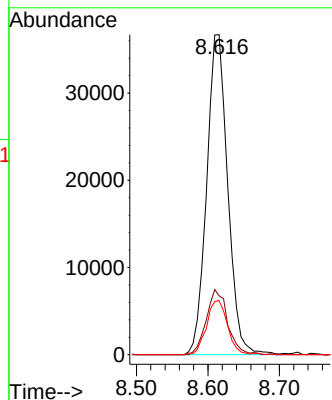
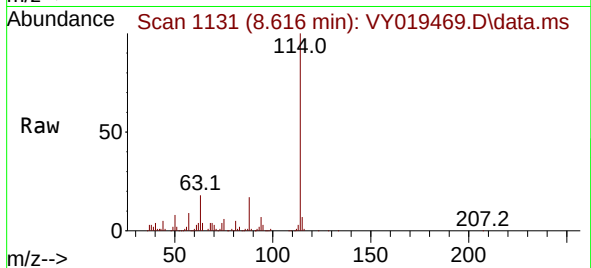
Tgt Ion:114 Resp: 75192

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 16.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.788 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019469.D

Acq: 09 Sep 2024 16:43

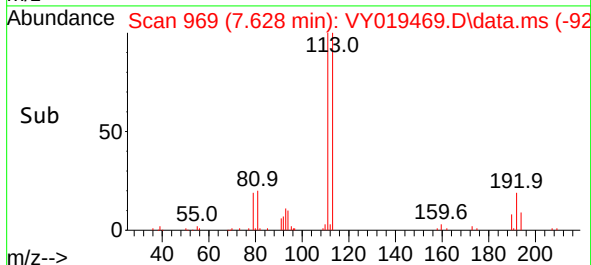
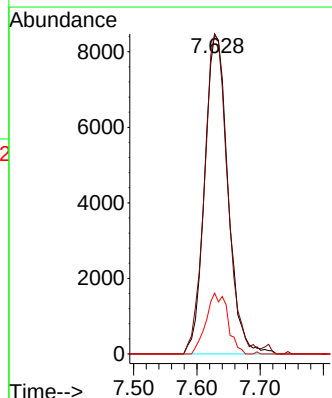
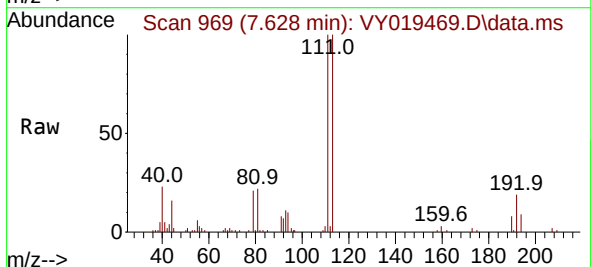
Tgt Ion:113 Resp: 21652

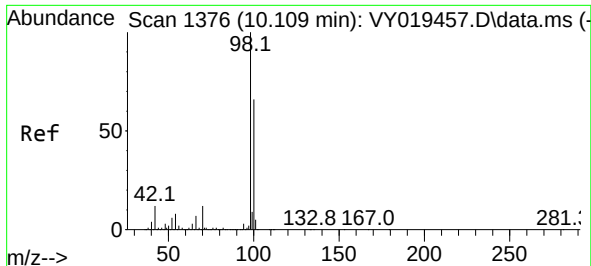
Ion Ratio Lower Upper

113 100

111 99.8 82.2 123.4

192 17.7 15.9 23.9

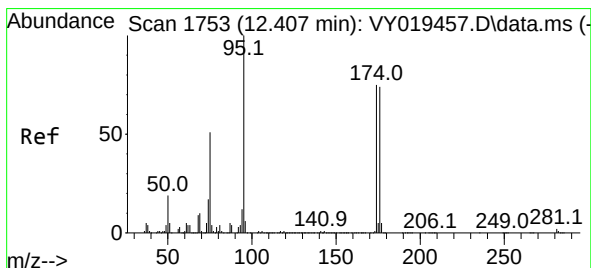
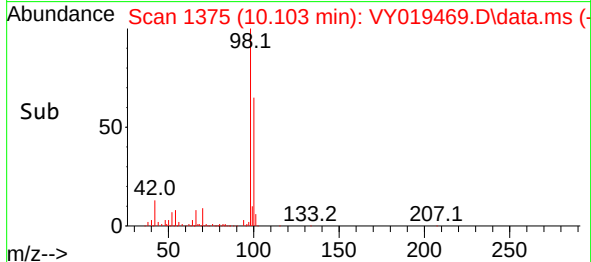
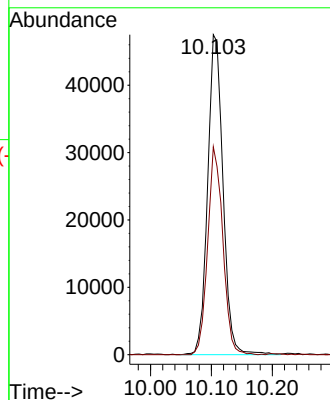
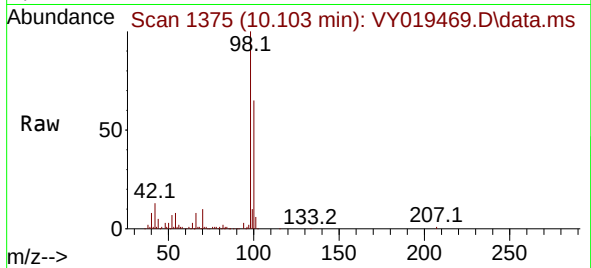




#50
Toluene-d8
Concen: 52.791 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019469.D
Acq: 09 Sep 2024 16:43

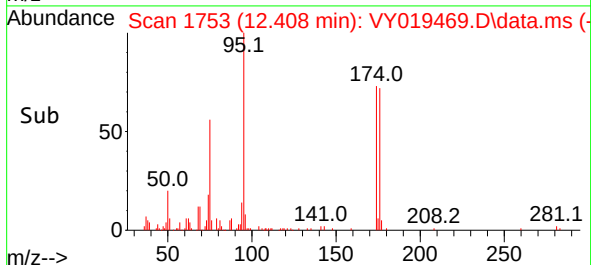
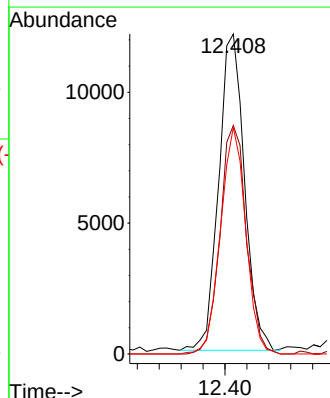
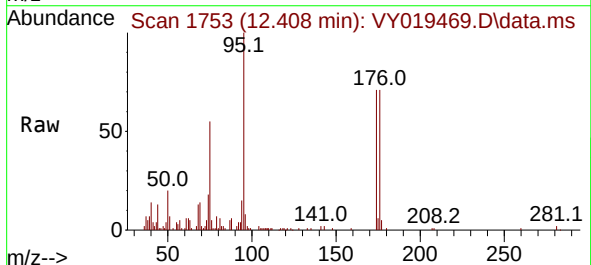
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-005

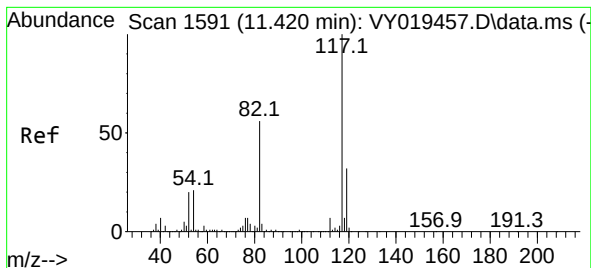
Tgt Ion: 98 Resp: 83245
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.545 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019469.D
Acq: 09 Sep 2024 16:43

Tgt Ion: 95 Resp: 19733
Ion Ratio Lower Upper
95 100
174 73.6 0.0 175.6
176 70.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019469.D

Acq: 09 Sep 2024 16:43

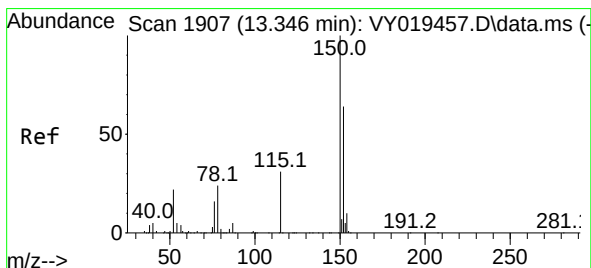
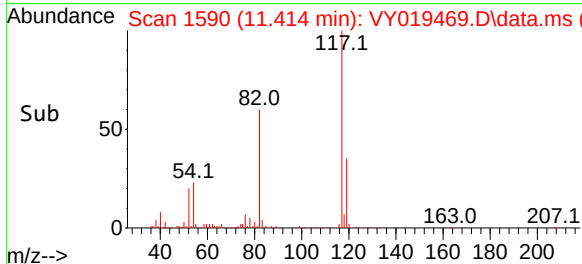
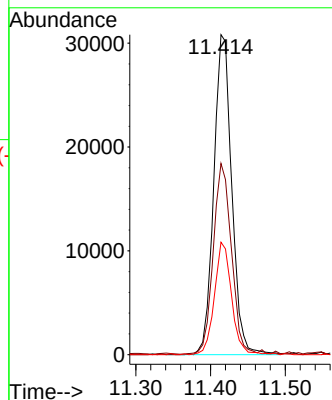
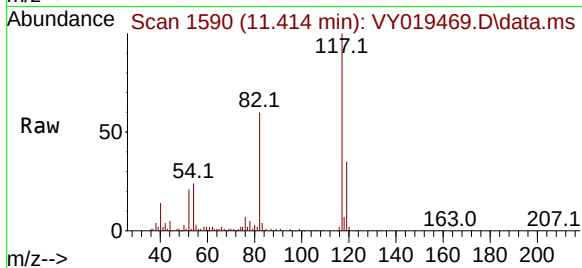
Instrument :

MSVOA_Y

ClientSampleId :

ARS20-005

Tgt Ion:117	Resp:	51509
Ion	Ratio	Lower Upper
117	100	
82	59.6	42.4 63.6
119	35.1	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019469.D

Acq: 09 Sep 2024 16:43

Tgt Ion:152	Resp:	14545
Ion	Ratio	Lower Upper
152	100	
115	65.0	28.2 84.7
150	159.4	0.0 345.6

