

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019744.D
 Acq On : 01 Oct 2024 16:24
 Operator : SY/MD
 Sample : P4212-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TEST-PIT-NORTHRE

Quant Time: Oct 02 03:15:58 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)

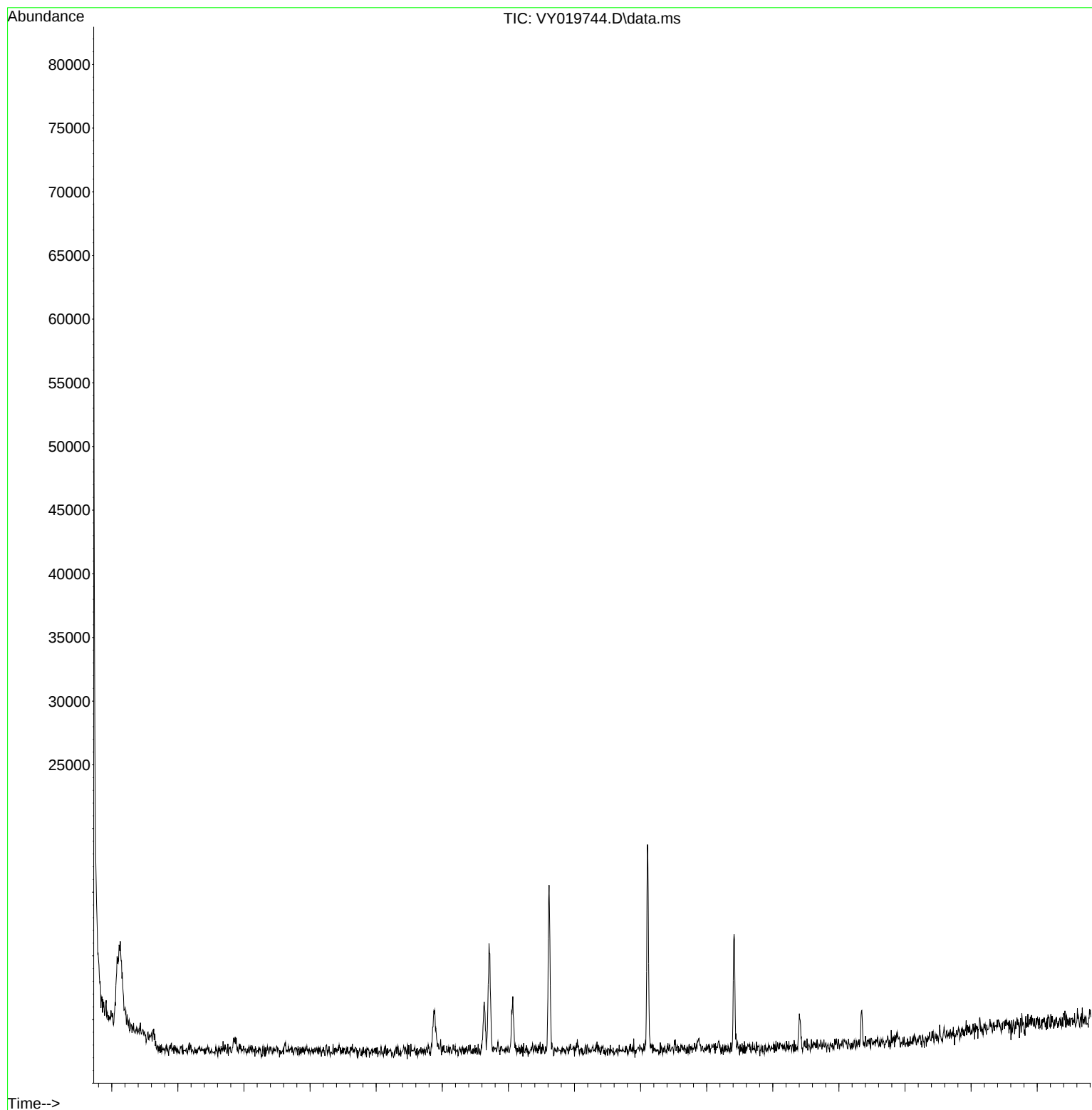
Internal Standards						
1) Pentafluorobenzene	7.707	168	6570	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	10915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	5432	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	3259	53.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.140%
35) Dibromofluoromethane	7.634	113	2730	44.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.220%
50) Toluene-d8	10.109	98	10853	47.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.395	95	1056	11.998	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	24.000%#
Target Compounds						
16) Acetone	3.866	43	1866	128.748	ug/l	# 67

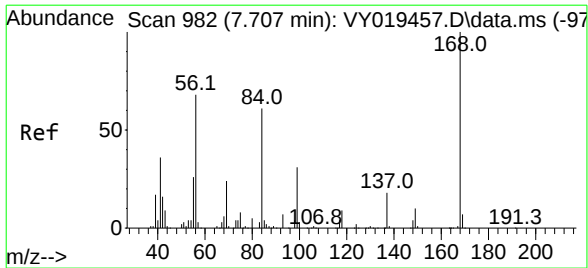
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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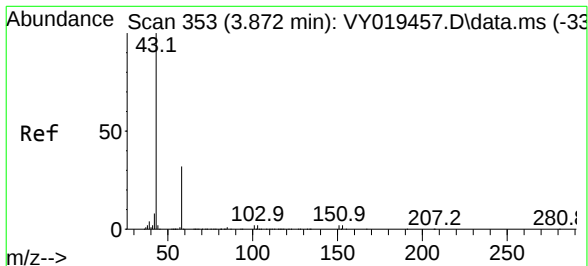
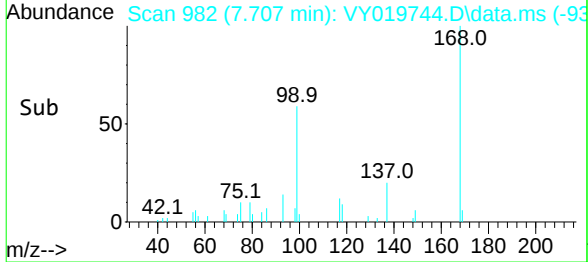
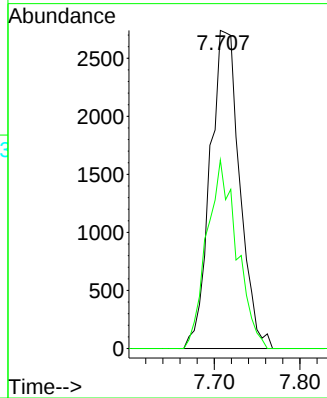
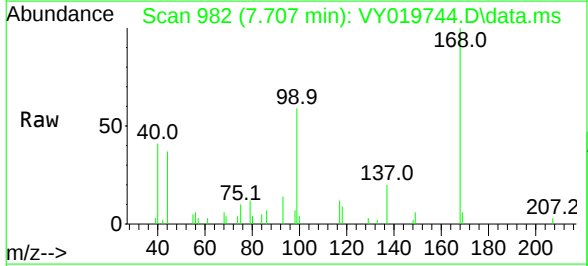




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019744.D
Acq: 01 Oct 2024 16:24

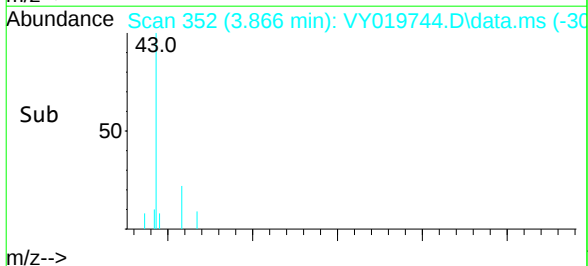
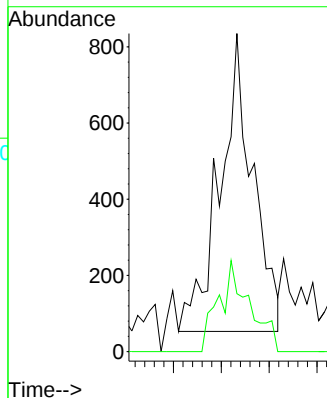
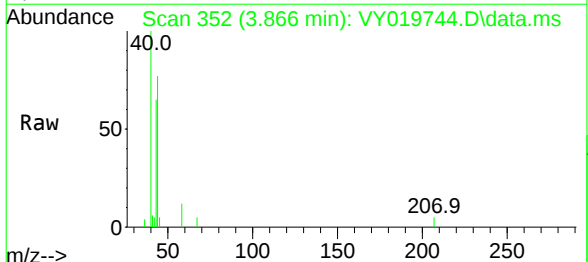
Instrument :
MSVOA_Y
ClientSampleId :
TEST-PIT-NORTHRE

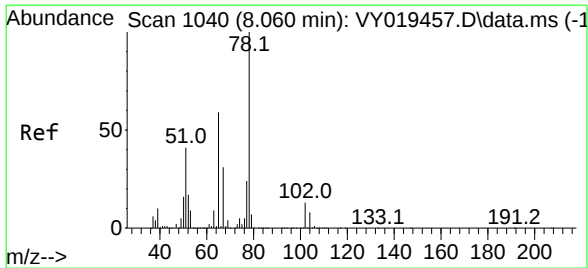
Tgt Ion: 168 Resp: 6570
Ion Ratio Lower Upper
168 100
99 59.3 39.1 58.7#



#16
Acetone
Concen: 128.748 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019744.D
Acq: 01 Oct 2024 16:24

Tgt Ion: 43 Resp: 1866
Ion Ratio Lower Upper
43 100
58 19.4 31.7 47.5#

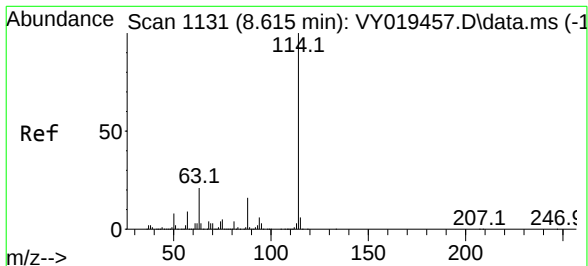
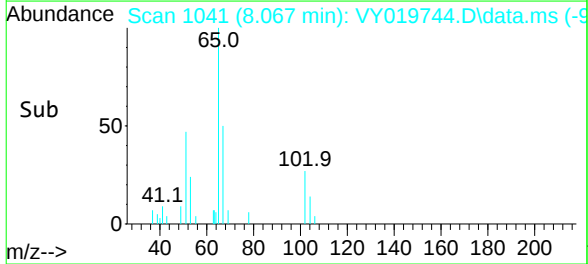
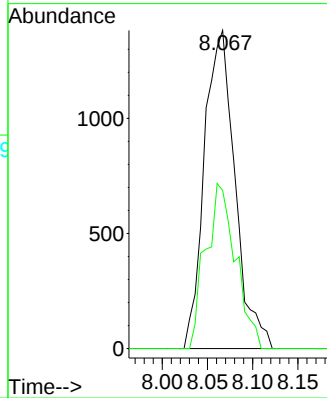
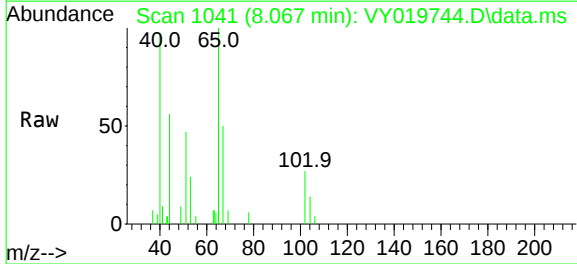




#33
1,2-Dichloroethane-d4
Concen: 53.570 ug/l
RT: 8.067 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019744.D
Acq: 01 Oct 2024 16:24

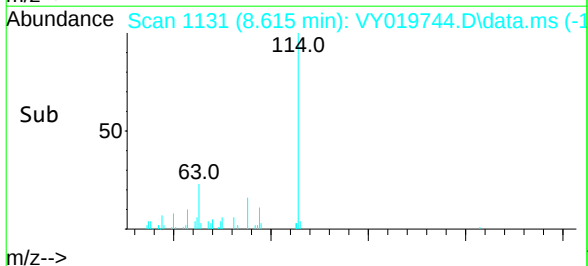
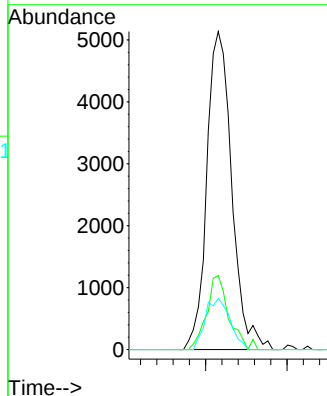
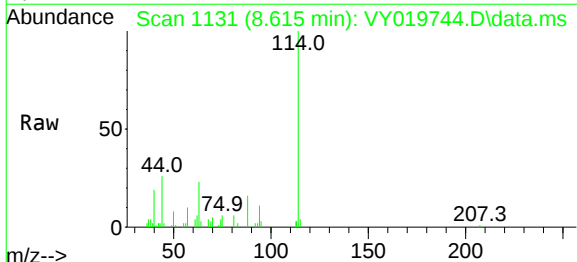
Instrument :
MSVOA_Y
ClientSampleId :
TEST-PIT-NORTHRE

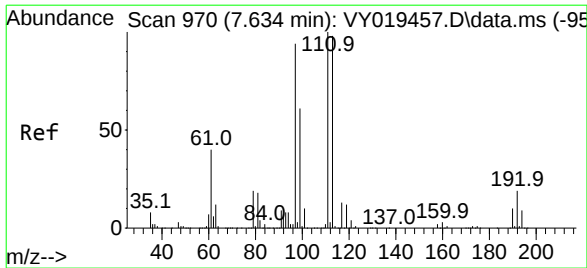
Tgt Ion: 65 Resp: 3259
Ion Ratio Lower Upper
65 100
67 50.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019744.D
Acq: 01 Oct 2024 16:24

Tgt Ion: 114 Resp: 10915
Ion Ratio Lower Upper
114 100
63 23.3 0.0 35.0
88 16.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 44.113 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019744.D

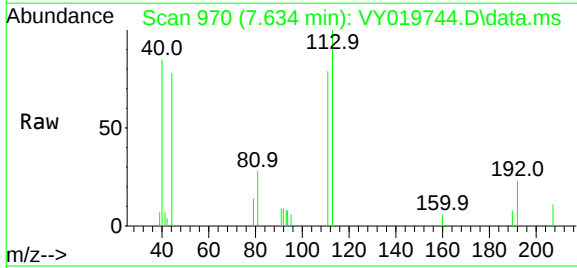
Acq: 01 Oct 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

TEST-PIT-NORTHRE



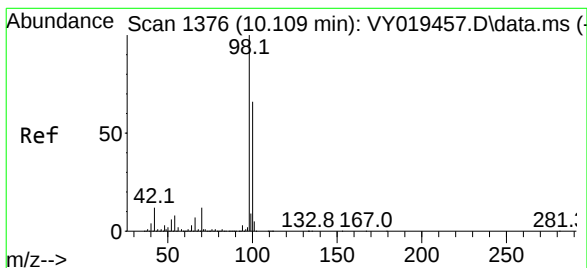
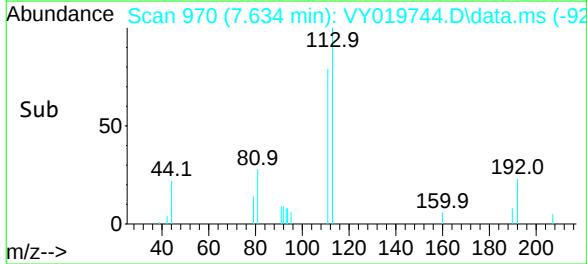
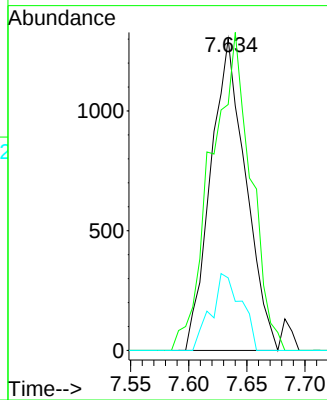
Tgt Ion: 113 Resp: 2730

Ion Ratio Lower Upper

113 100

111 115.5 82.2 123.4

192 21.1 15.9 23.9



#50

Toluene-d8

Concen: 47.413 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019744.D

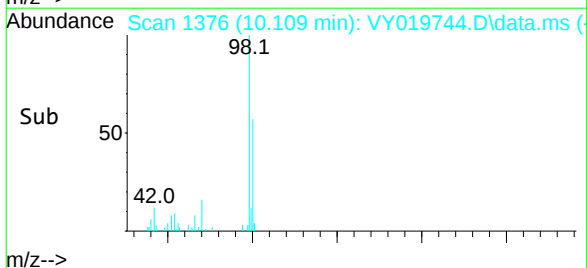
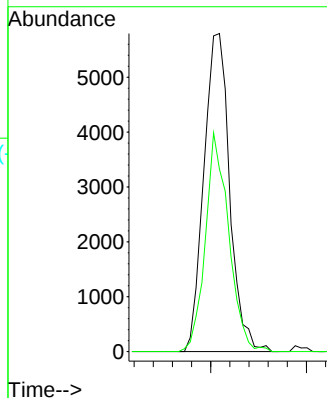
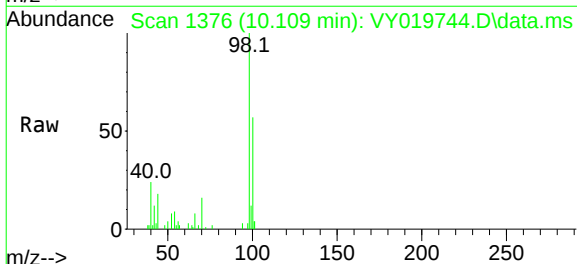
Acq: 01 Oct 2024 16:24

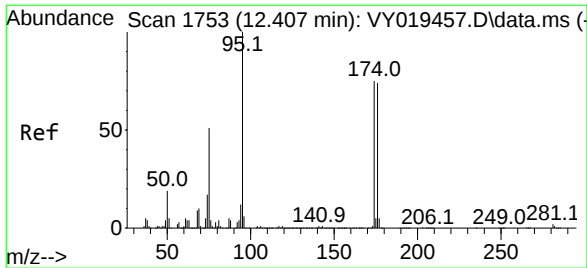
Tgt Ion: 98 Resp: 10853

Ion Ratio Lower Upper

98 100

100 62.2 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 11.998 ug/l

RT: 12.395 min Scan# 1753

Delta R.T. -0.012 min

Lab File: VY019744.D

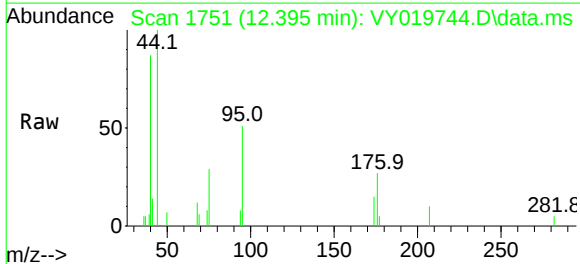
Acq: 01 Oct 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

TEST-PIT-NORTHRE



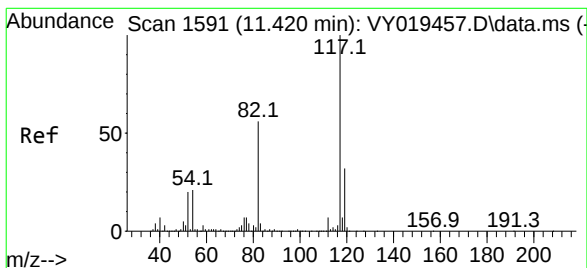
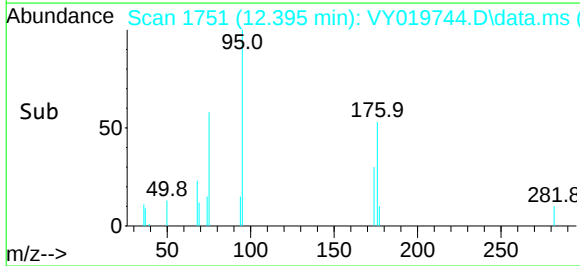
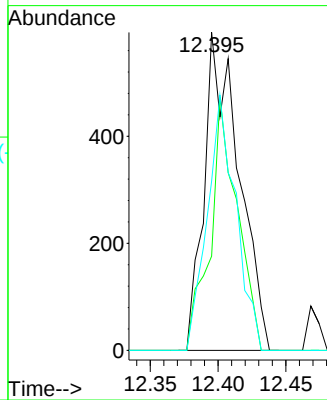
Tgt Ion: 95 Resp: 1056

Ion Ratio Lower Upper

95 100

174 62.1 0.0 175.6

176 66.2 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY019744.D

Acq: 01 Oct 2024 16:24

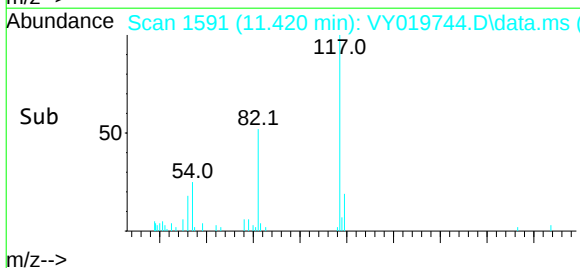
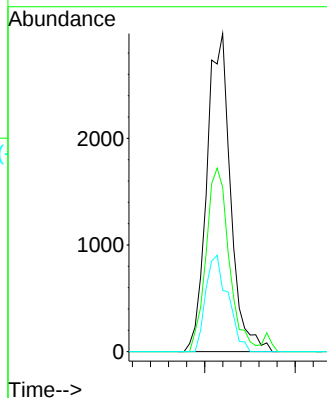
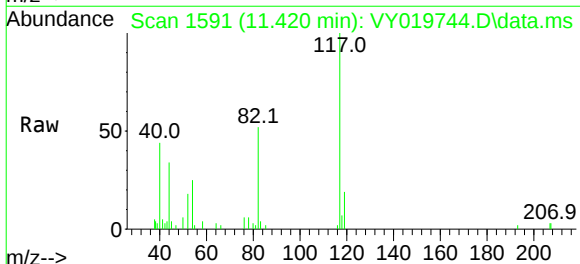
Tgt Ion: 117 Resp: 5432

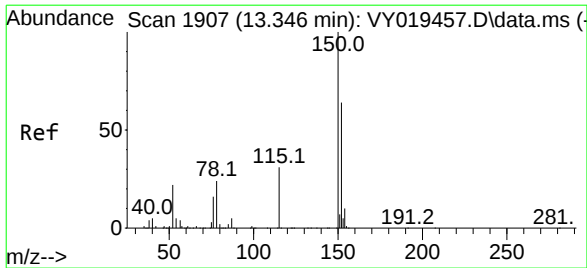
Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

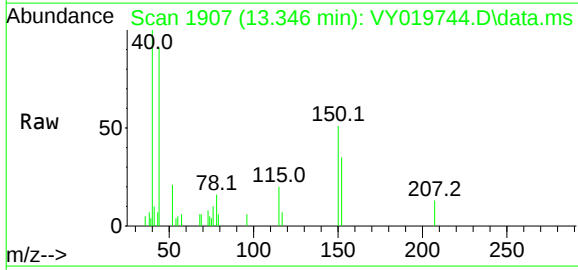
119 19.3 25.9 38.9#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY019744.D
 Acq: 01 Oct 2024 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 TEST-PIT-NORTHE



Tgt Ion:	152	Resp:	646
Ion	Ratio	Lower	Upper
152	100		
115	72.3	28.2	84.7
150	185.1	0.0	345.6

