

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019743.D
 Acq On : 01 Oct 2024 16:01
 Operator : SY/MD
 Sample : P4212-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TEST-PIT-SOUTHRE

Quant Time: Oct 02 03:15:21 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)

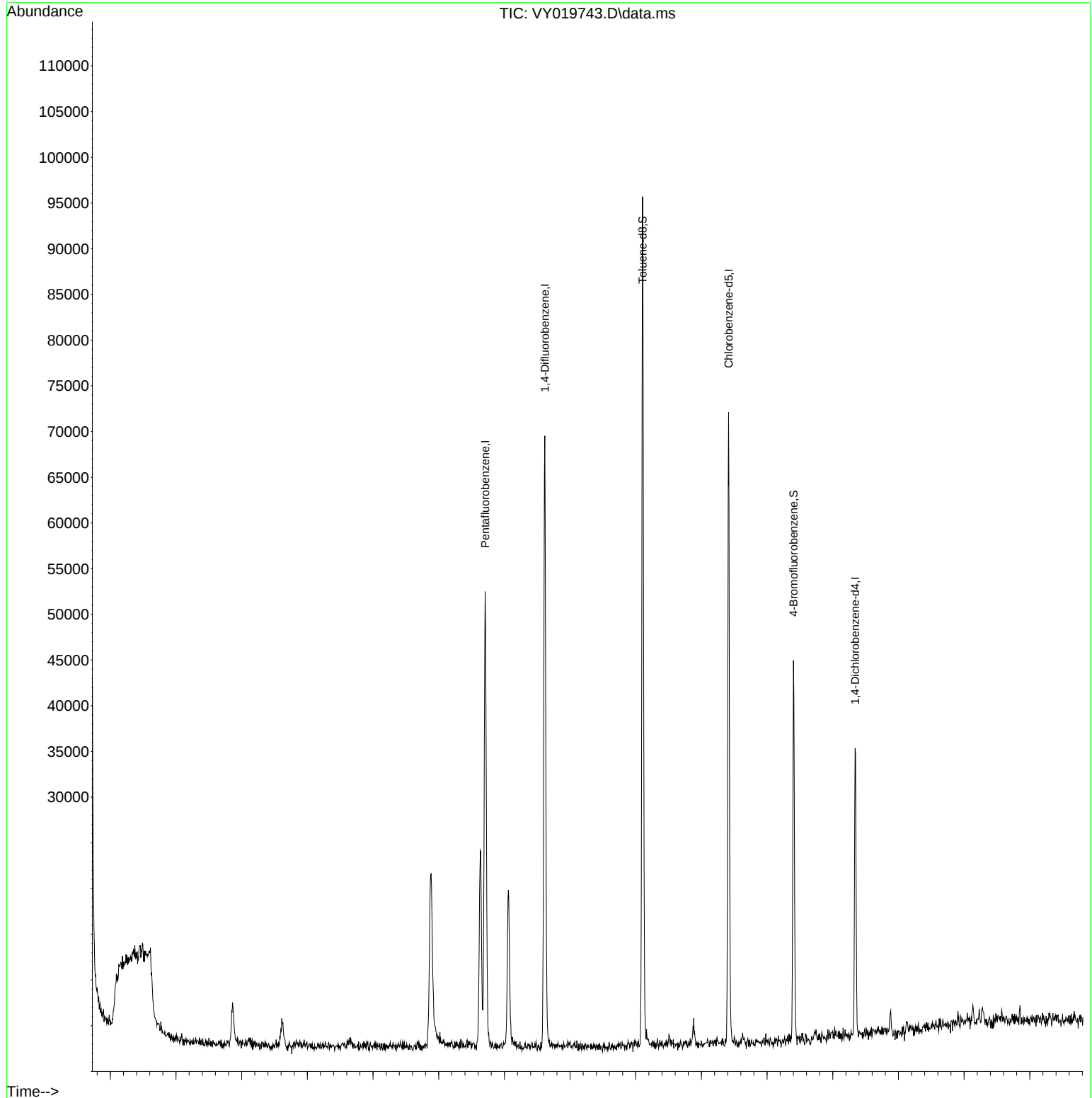
Internal Standards						
1) Pentafluorobenzene	7.707	168	36484	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	57295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	35947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	8118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	14084	41.689	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.380%
35) Dibromofluoromethane	7.634	113	16035	49.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.103	98	61154	50.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.402	95	13415	29.036	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	58.080%
Target Compounds						
16) Acetone	3.866	43	8225	102.194	ug/l	# 72
20) Methylene Chloride	4.622	84	2112	5.754	ug/l	# 93

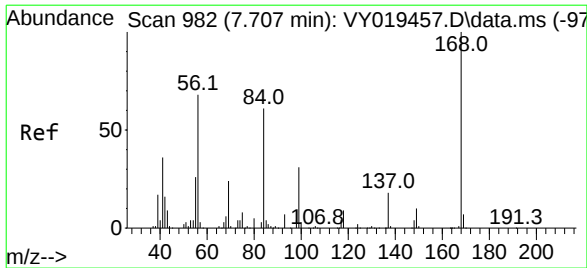
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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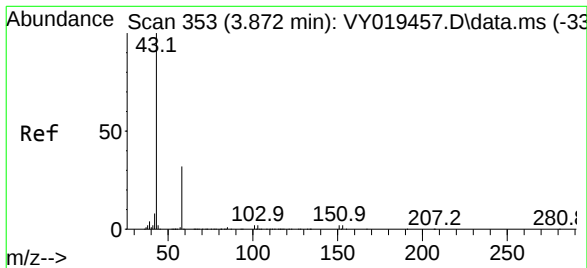
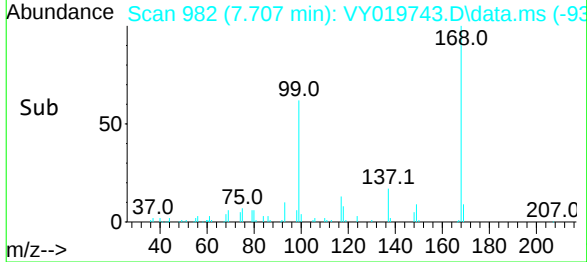
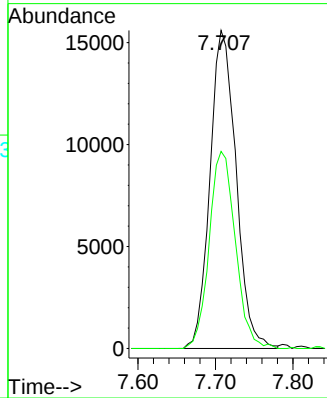
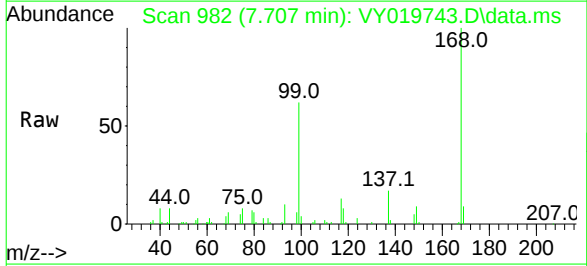




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019743.D
Acq: 01 Oct 2024 16:01

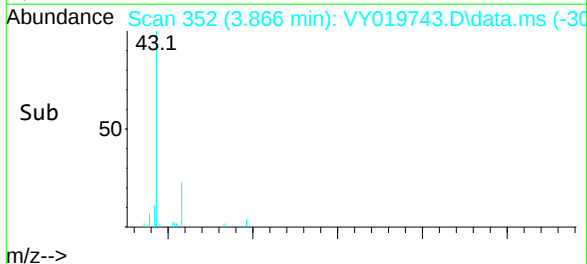
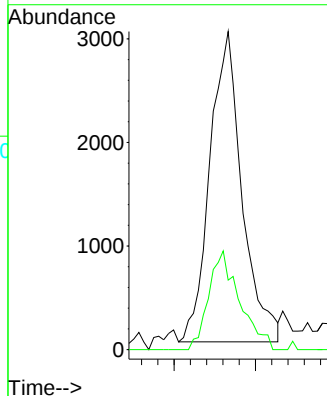
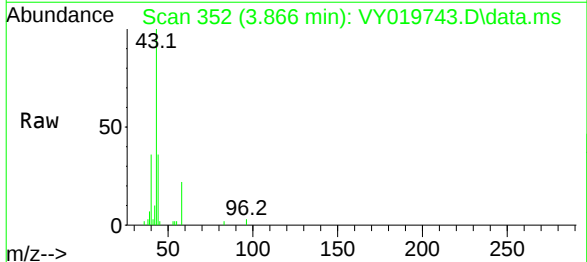
Instrument :
MSVOA_Y
ClientSampleId :
TEST-PIT-SOUTHRE

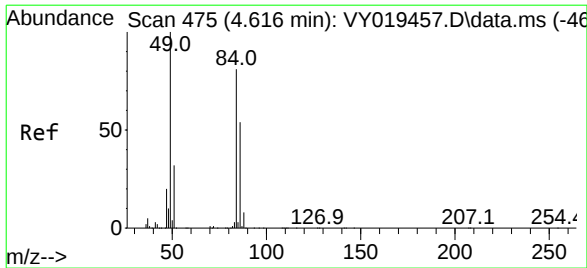
Tgt Ion:168 Resp: 36484
Ion Ratio Lower Upper
168 100
99 62.0 39.1 58.7#



#16
Acetone
Concen: 102.194 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019743.D
Acq: 01 Oct 2024 16:01

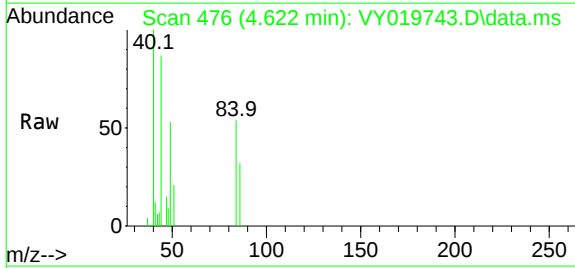
Tgt Ion: 43 Resp: 8225
Ion Ratio Lower Upper
43 100
58 22.4 31.7 47.5#



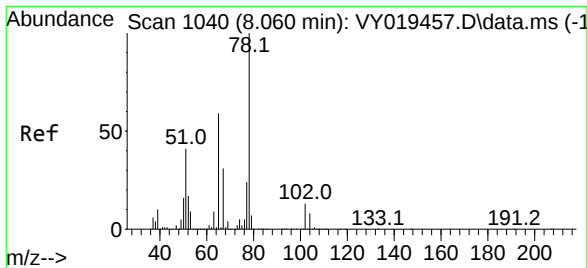
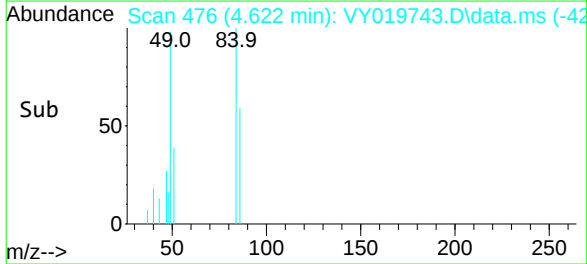
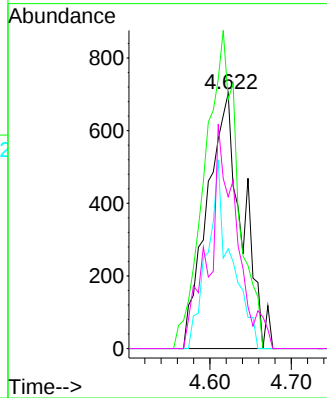


#20
Methylene Chloride
Concen: 5.754 ug/l
RT: 4.622 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY019743.D
Acq: 01 Oct 2024 16:01

Instrument :
MSVOA_Y
ClientSampleId :
TEST-PIT-SOUTHRE

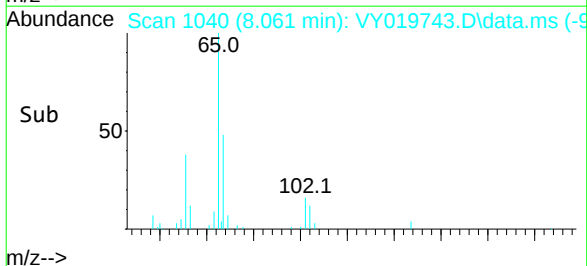
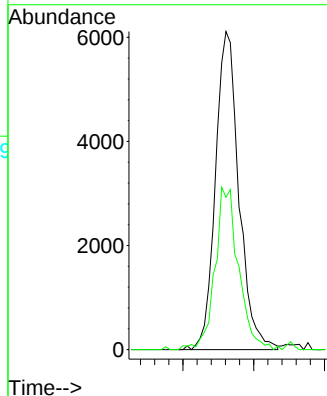
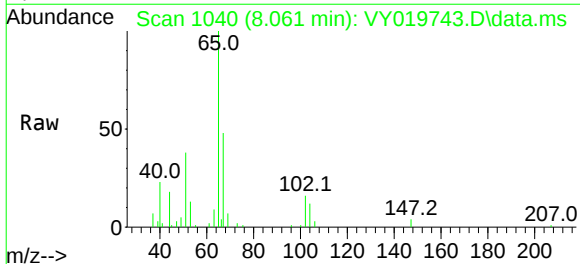


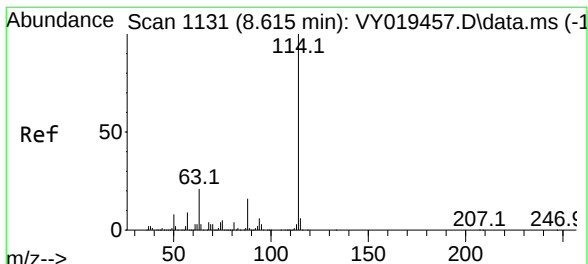
Tgt Ion: 84	Resp: 2112
Ion Ratio	Lower Upper
84 100	
49 97.6	84.4 126.6
51 39.1	26.0 39.0
86 59.5	49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 41.689 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019743.D
Acq: 01 Oct 2024 16:01

Tgt Ion: 65	Resp: 14084
Ion Ratio	Lower Upper
65 100	
67 51.1	0.0 109.6

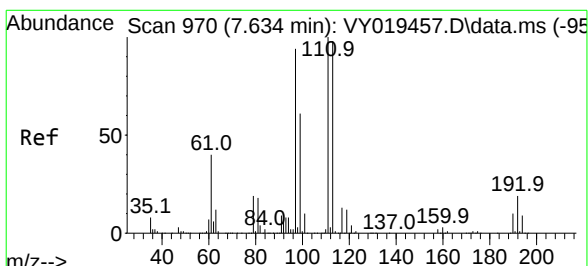
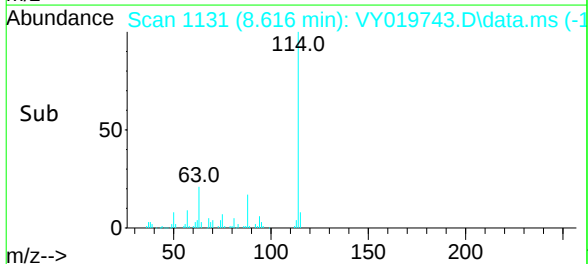
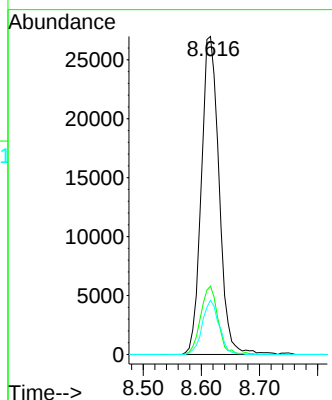
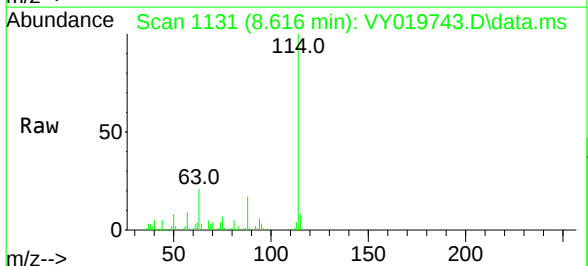




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019743.D
Acq: 01 Oct 2024 16:01

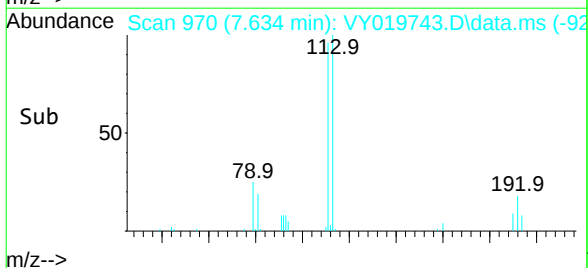
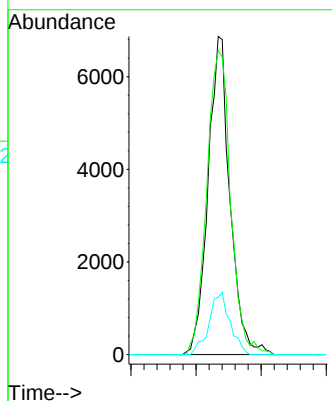
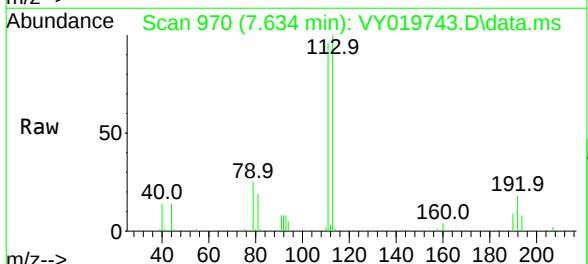
Instrument :
MSVOA_Y
ClientSampleId :
TEST-PIT-SOUTHRE

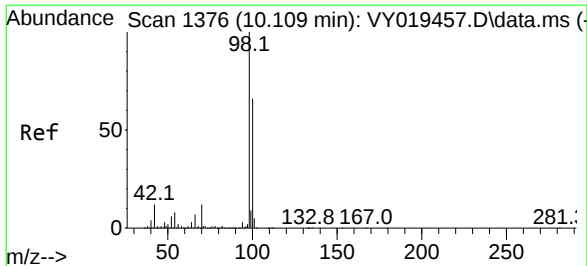
Tgt Ion:	114	Resp:	57295
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	35.0
88	17.1	0.0	27.2



#35
Dibromofluoromethane
Concen: 49.361 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019743.D
Acq: 01 Oct 2024 16:01

Tgt Ion:	113	Resp:	16035
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.4
192	18.8	15.9	23.9





#50

Toluene-d8

Concen: 50.896 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019743.D

Acq: 01 Oct 2024 16:01

Instrument :

MSVOA_Y

ClientSampleId :

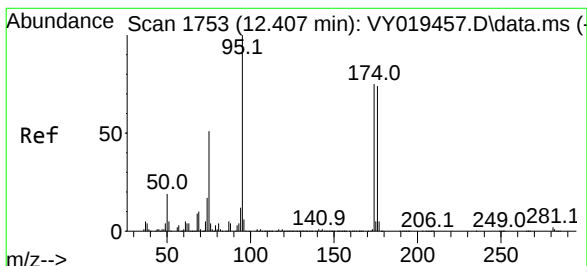
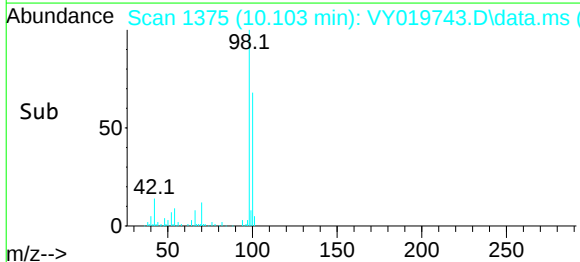
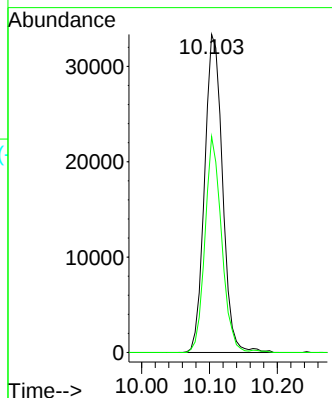
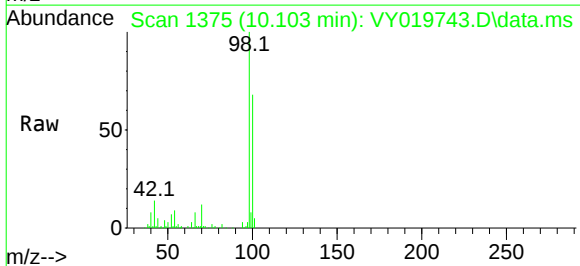
TEST-PIT-SOUTHRE

Tgt Ion: 98 Resp: 61154

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 29.036 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019743.D

Acq: 01 Oct 2024 16:01

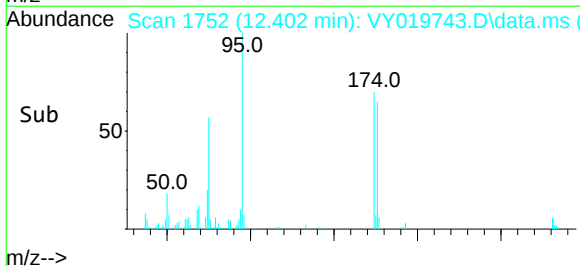
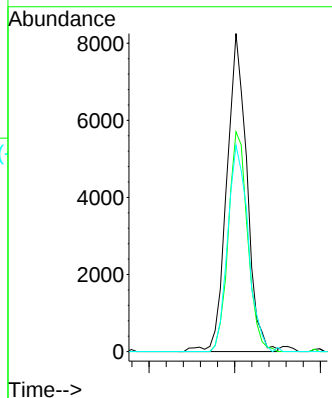
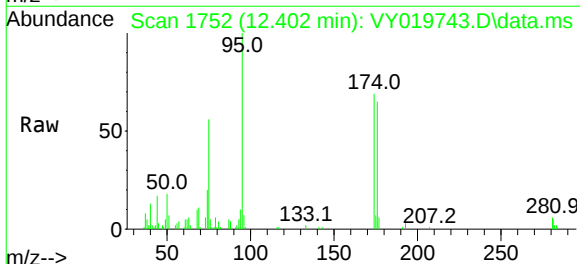
Tgt Ion: 95 Resp: 13415

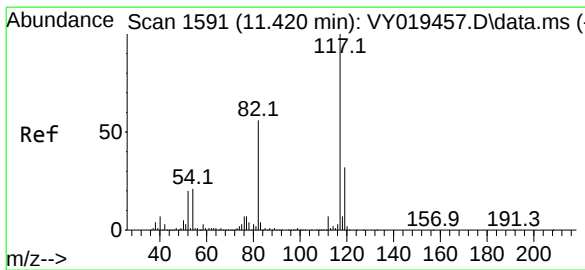
Ion Ratio Lower Upper

95 100

174 66.3 0.0 175.6

176 66.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY019743.D

Acq: 01 Oct 2024 16:01

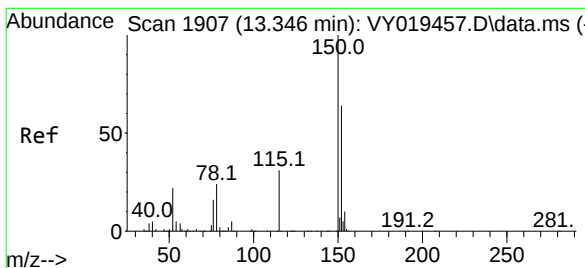
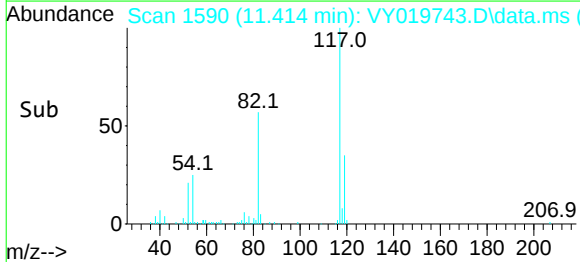
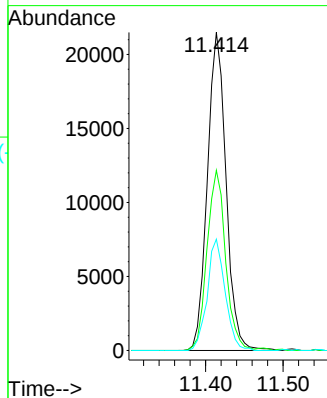
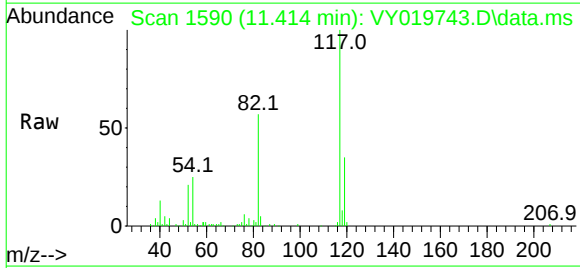
Instrument :

MSVOA_Y

ClientSampleId :

TEST-PIT-SOUTHRE

Tgt Ion:	117	Resp:	35947
Ion	Ratio	Lower	Upper
117	100		
82	56.6	42.4	63.6
119	35.0	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019743.D

Acq: 01 Oct 2024 16:01

Tgt Ion:	152	Resp:	8118
Ion	Ratio	Lower	Upper
152	100		
115	61.2	28.2	84.7
150	151.7	0.0	345.6

