

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019740.D
 Acq On : 01 Oct 2024 14:51
 Operator : SY/MD
 Sample : P4198-17
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-WC-1

Quant Time: Oct 01 17:09:01 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)

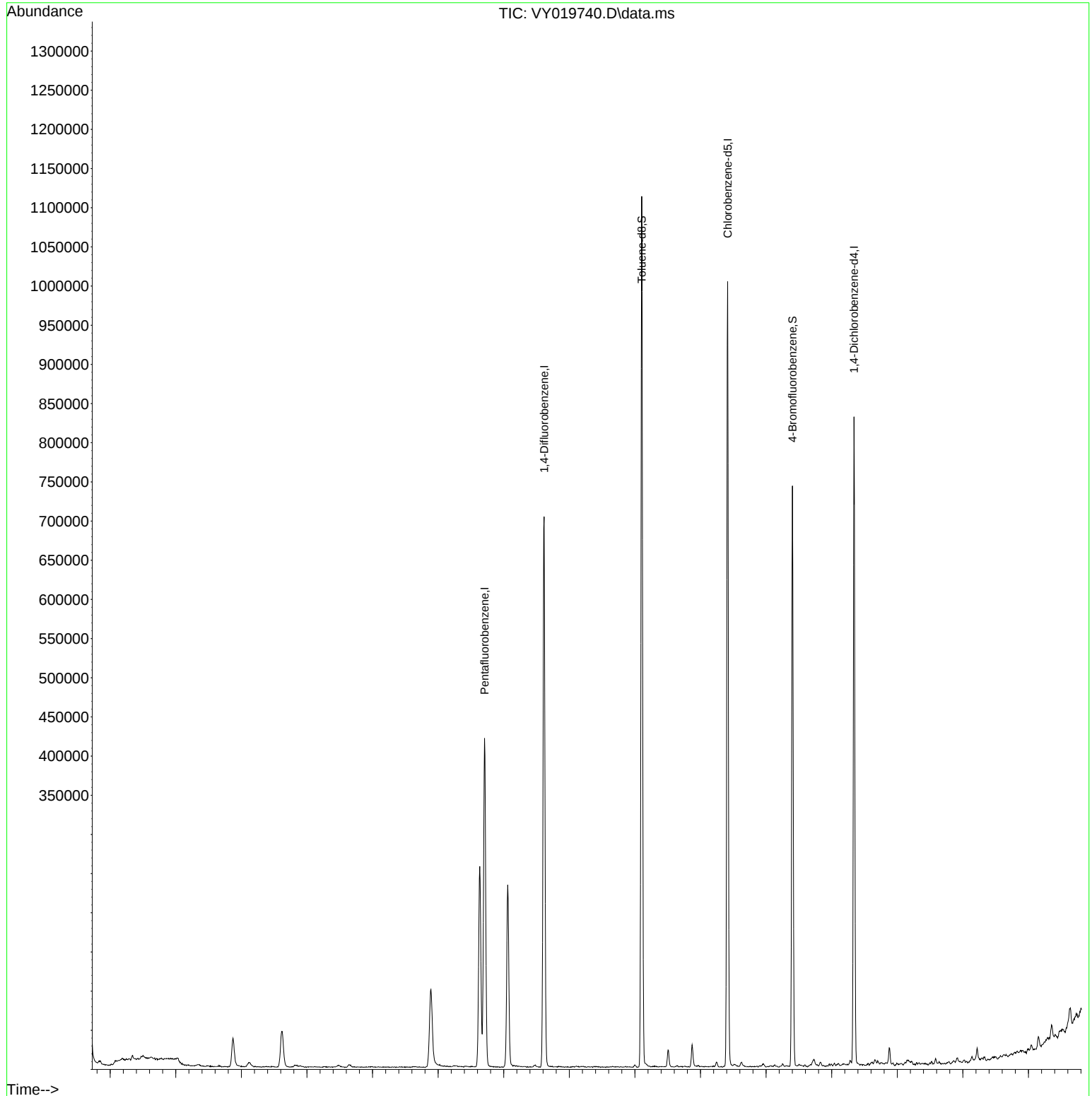
Internal Standards						
1) Pentafluorobenzene	7.707	168	310168	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	588173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	514342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	193143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	181862	63.321	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	=	126.640%	
35) Dibromofluoromethane	7.634	113	186169	55.826	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	=	111.660%	
50) Toluene-d8	10.103	98	693799	56.247	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	=	112.500%	
62) 4-Bromofluorobenzene	12.402	95	226358	47.726	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery	=	95.460%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.842	59	3760	16.211	ug/l	# 95
16) Acetone	3.873	43	65693	96.010	ug/l	90
20) Methylene Chloride	4.616	84	35037	11.228	ug/l	# 88
25) 2-Butanone	6.896	43	21074	21.655	ug/l	# 74

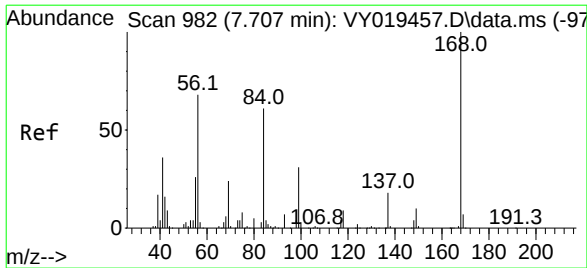
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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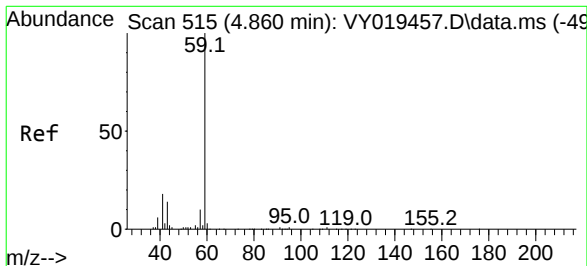
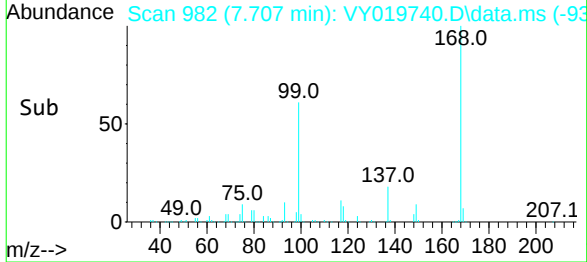
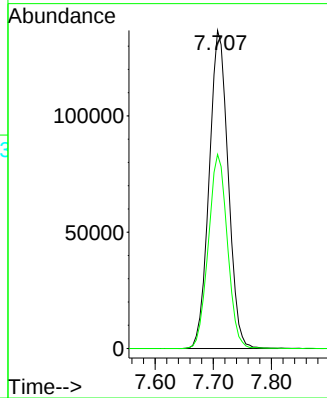
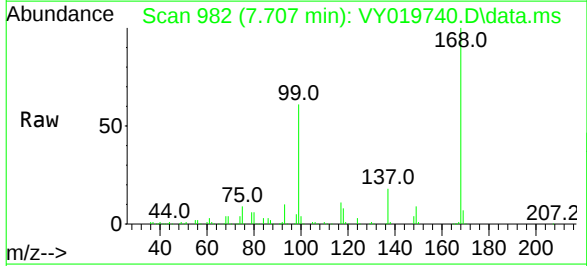




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

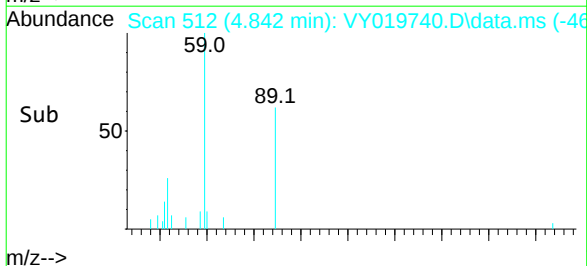
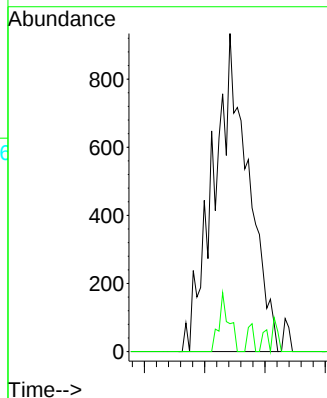
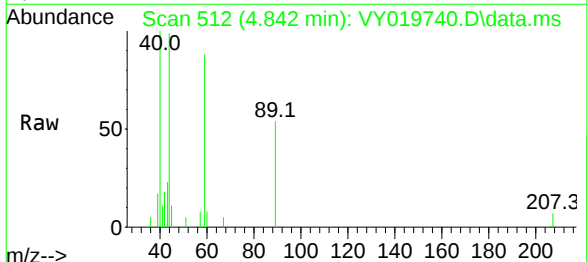
Instrument :
MSVOA_Y
ClientSampleId :
TP3-WC-1

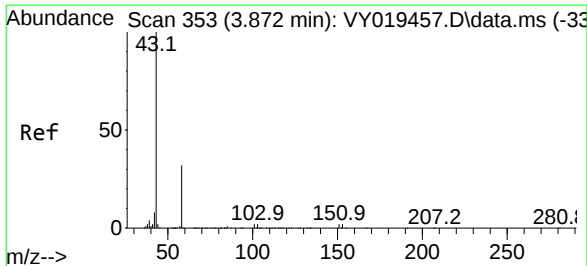
Tgt Ion:168 Resp: 310168
Ion Ratio Lower Upper
168 100
99 61.0 39.1 58.7#



#11
Tert butyl alcohol
Concen: 16.211 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Tgt Ion: 59 Resp: 3760
Ion Ratio Lower Upper
59 100
57 5.4 3.0 4.6#





#16

Acetone

Concen: 96.010 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY019740.D

Acq: 01 Oct 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

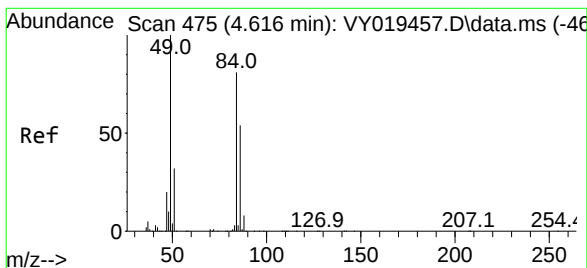
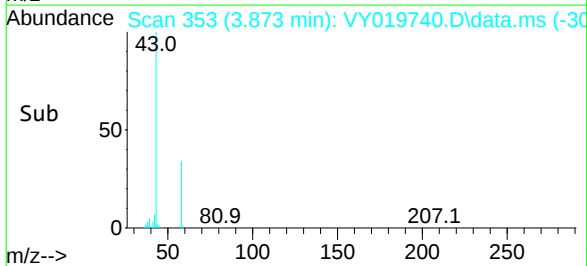
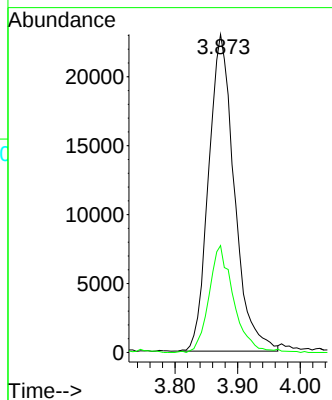
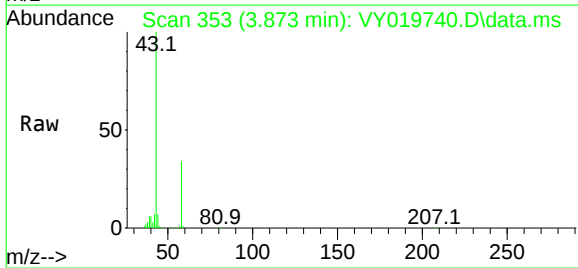
TP3-WC-1

Tgt Ion: 43 Resp: 65693

Ion Ratio Lower Upper

43 100

58 33.5 31.7 47.5



#20

Methylene Chloride

Concen: 11.228 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019740.D

Acq: 01 Oct 2024 14:51

Tgt Ion: 84 Resp: 35037

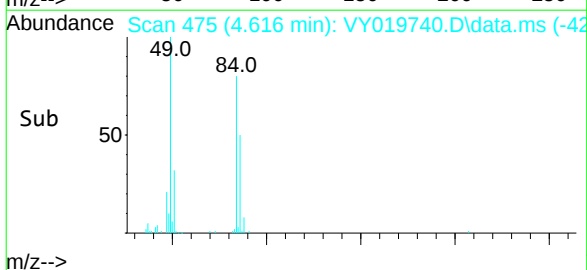
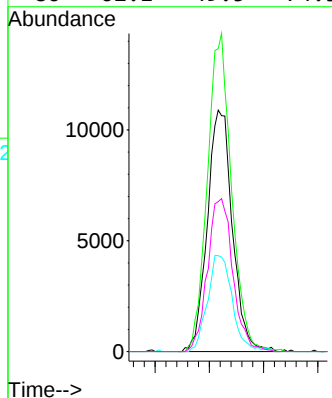
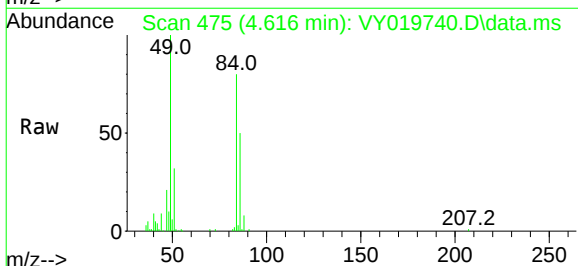
Ion Ratio Lower Upper

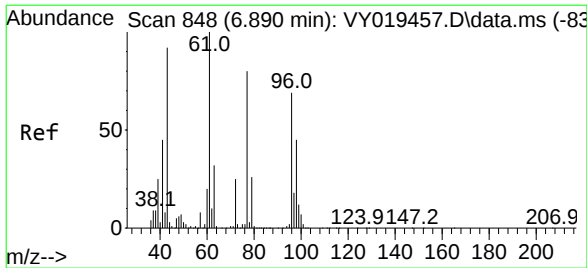
84 100

49 125.5 84.4 126.6

51 39.7 26.0 39.0#

86 62.1 49.5 74.3

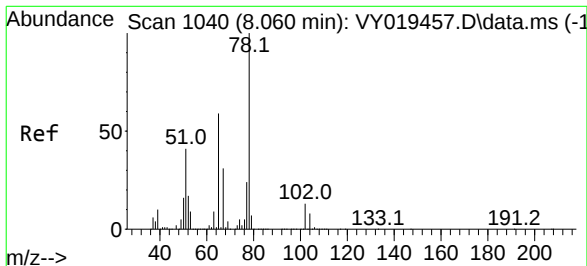
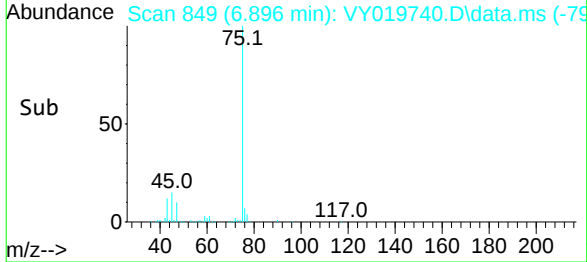
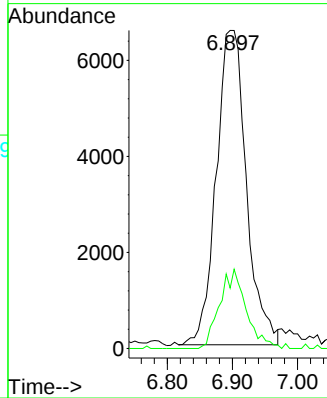
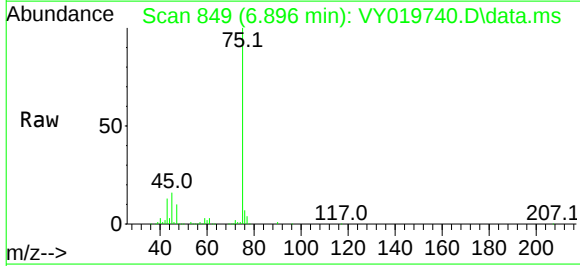




#25
2-Butanone
Concen: 21.655 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

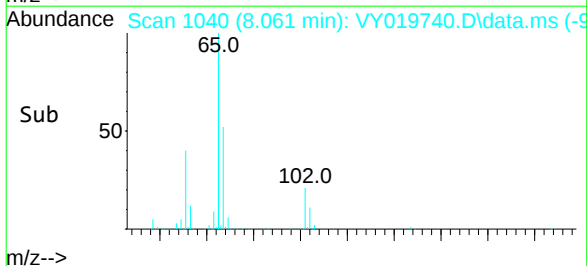
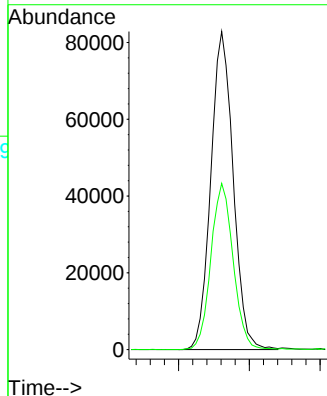
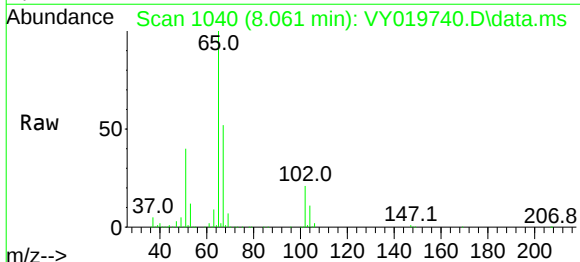
Instrument :
MSVOA_Y
ClientSampleId :
TP3-WC-1

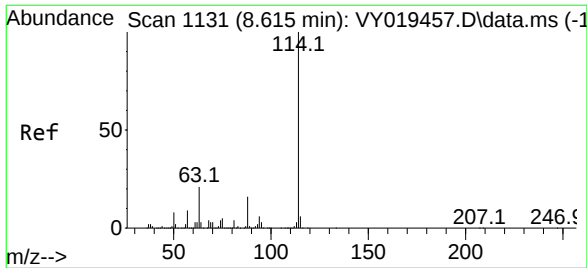
Tgt Ion: 43 Resp: 21074
Ion Ratio Lower Upper
43 100
72 19.2 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 63.321 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Tgt Ion: 65 Resp: 181862
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6

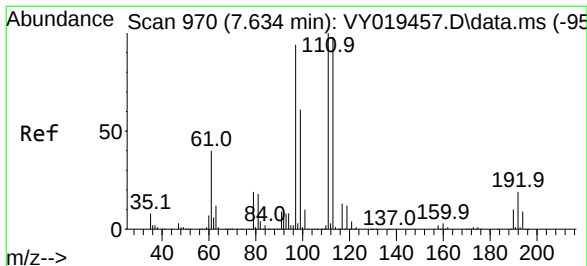
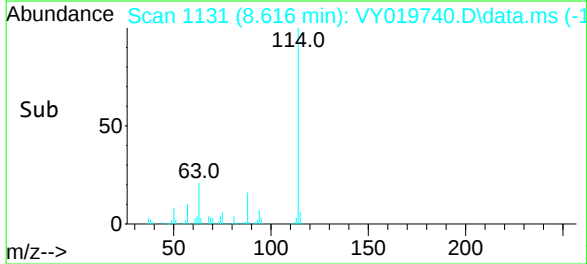
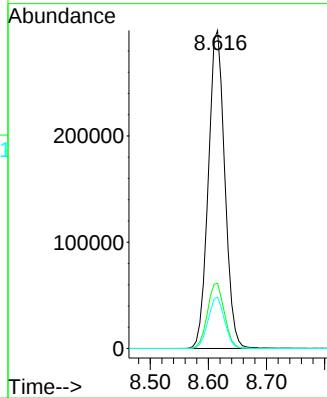
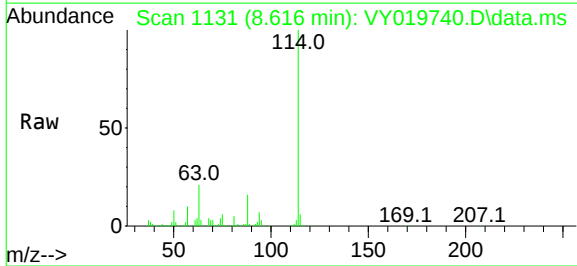




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

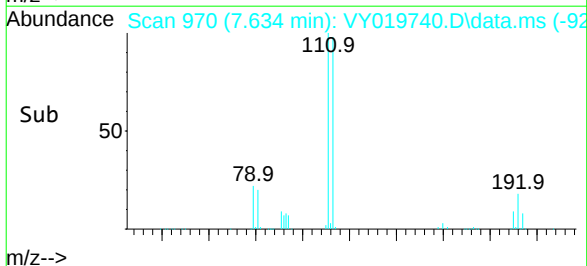
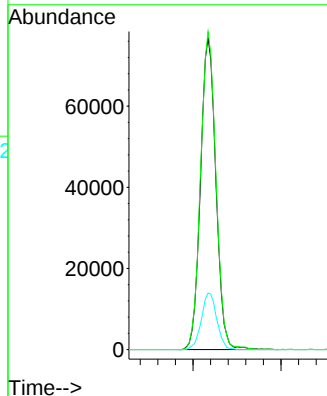
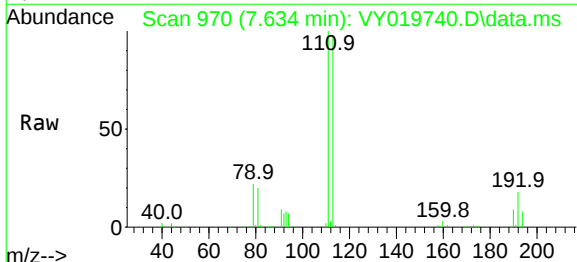
Instrument :
MSVOA_Y
ClientSampleId :
TP3-WC-1

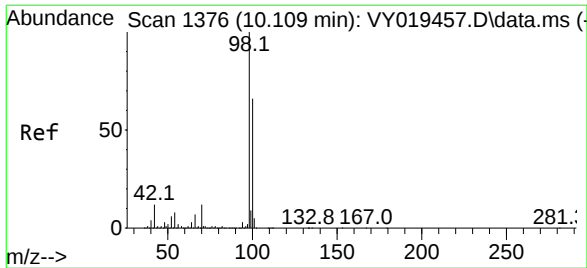
Tgt Ion:	114	Resp:	588173
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	35.0
88	16.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 55.826 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Tgt Ion:	113	Resp:	186169
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	18.2	15.9	23.9





#50

Toluene-d8

Concen: 56.247 ug/l

RT: 10.103 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY019740.D

Acq: 01 Oct 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

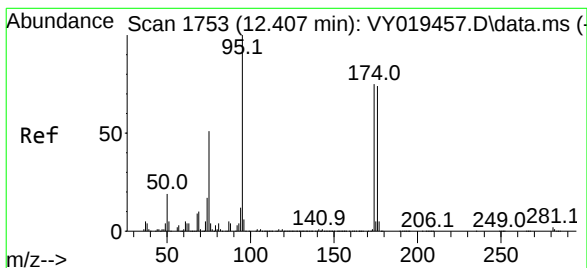
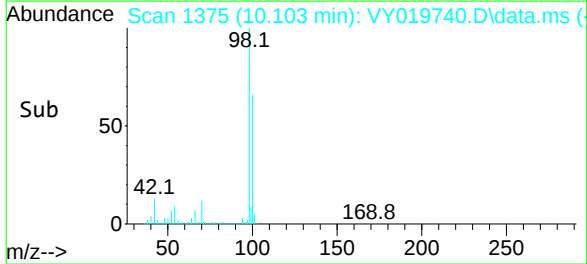
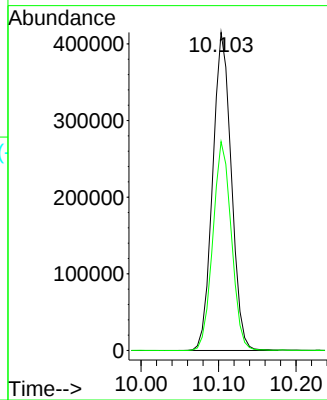
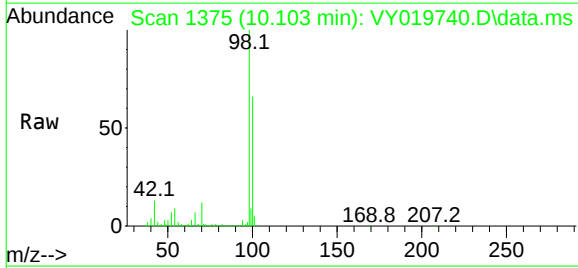
TP3-WC-1

Tgt Ion: 98 Resp: 693799

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.726 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019740.D

Acq: 01 Oct 2024 14:51

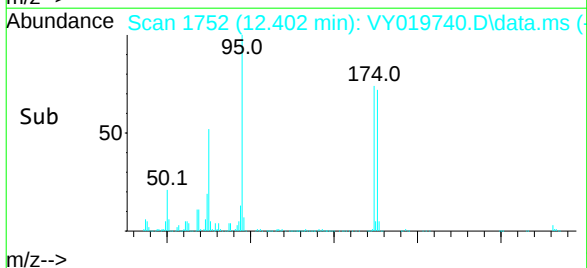
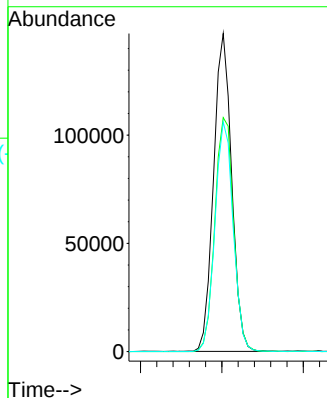
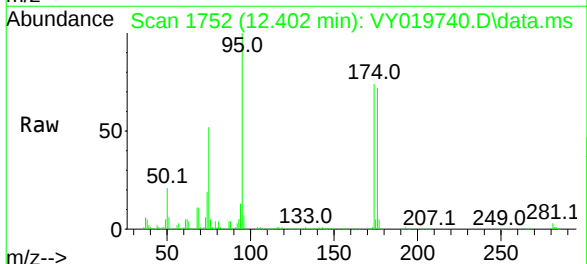
Tgt Ion: 95 Resp: 226358

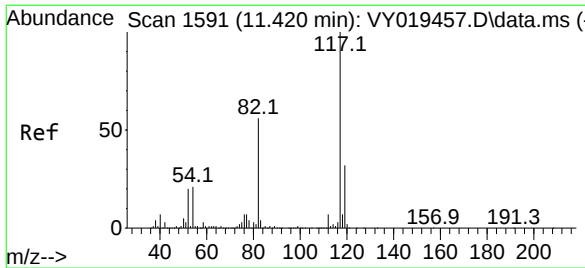
Ion Ratio Lower Upper

95 100

174 76.2 0.0 175.6

176 73.0 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: VY019740.D

Acq: 01 Oct 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

TP3-WC-1

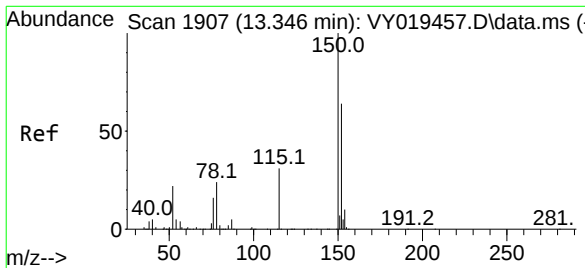
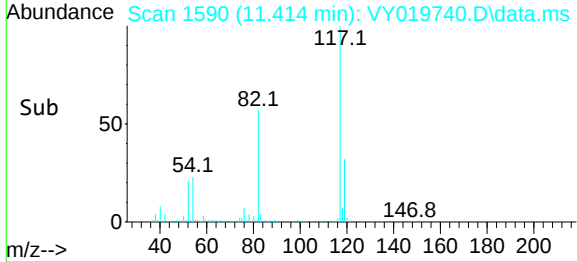
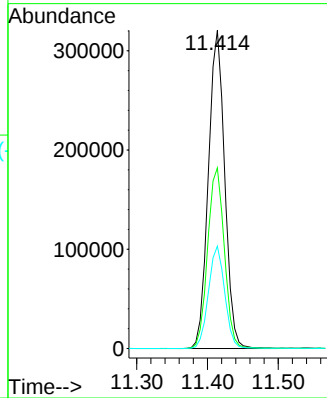
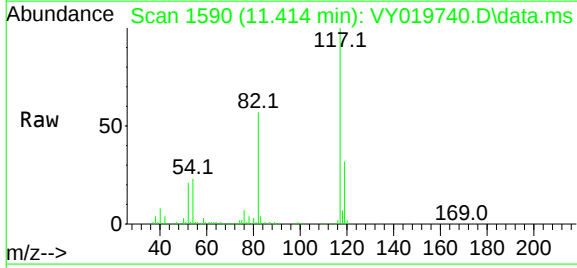
Tgt Ion:117 Resp: 514342

Ion Ratio Lower Upper

117 100

82 56.8 42.4 63.6

119 32.2 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: VY019740.D

Acq: 01 Oct 2024 14:51

Tgt Ion:152 Resp: 193143

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 158.2 0.0 345.6

