

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019625.D
 Acq On : 19 Sep 2024 11:40
 Operator : SY/MD
 Sample : P4023-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-TP-9

Quant Time: Sep 20 01:27:18 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)

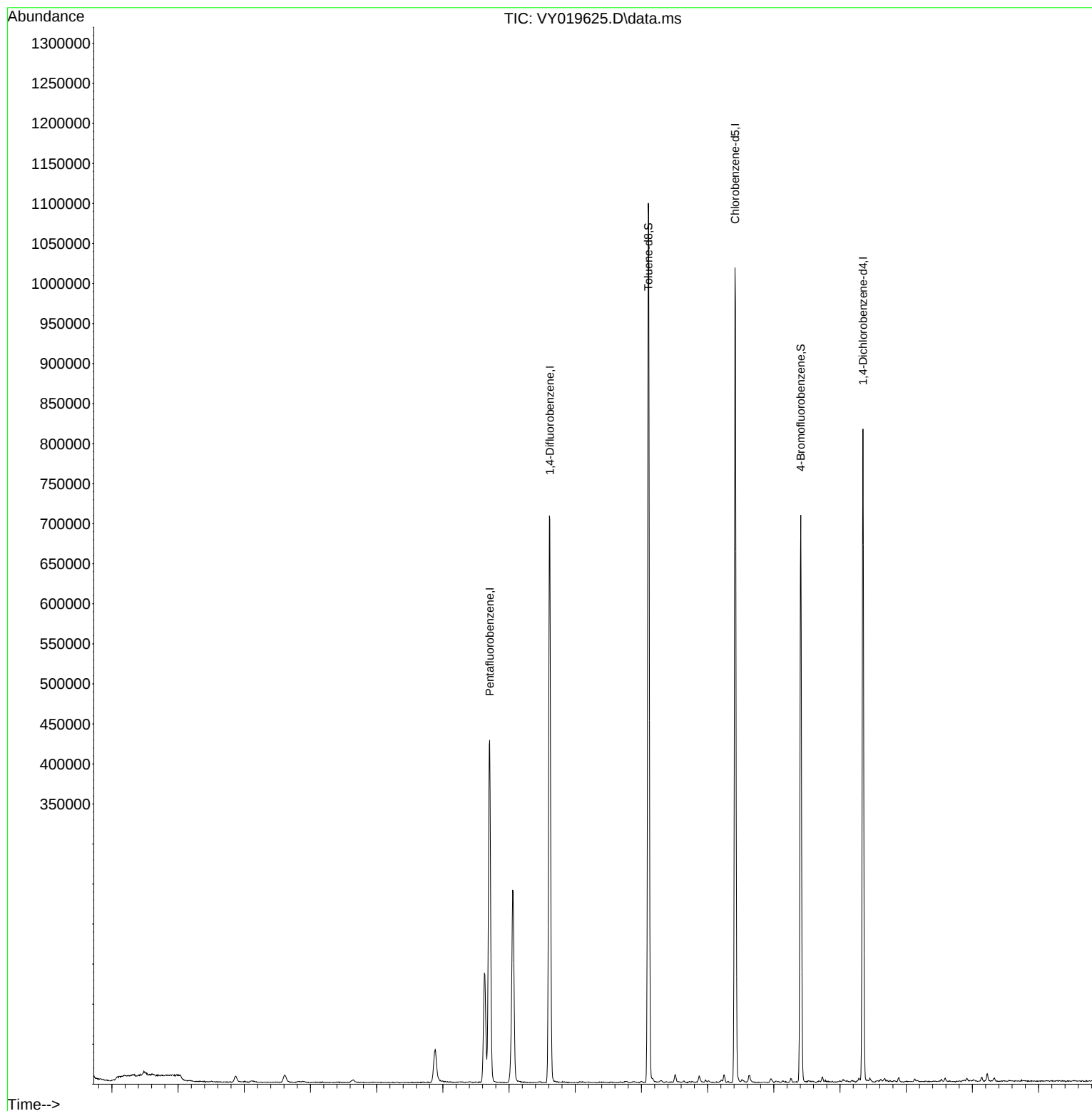
Internal Standards						
1) Pentafluorobenzene	7.707	168	318534	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	602602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	530813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	190731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	183042	62.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.120%
35) Dibromofluoromethane	7.634	113	99786	29.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	58.420%
50) Toluene-d8	10.103	98	714505	56.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.080%
62) 4-Bromofluorobenzene	12.408	95	223384	45.972	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.940%
Target Compounds						
16) Acetone	3.873	43	13582	19.329	ug/l	Qvalue # 86

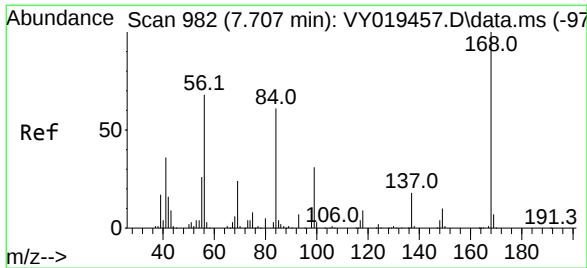
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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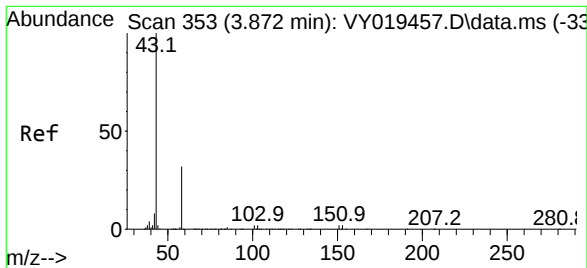
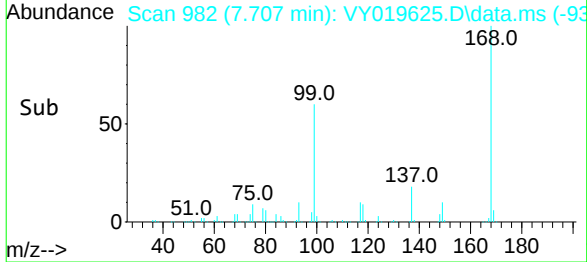
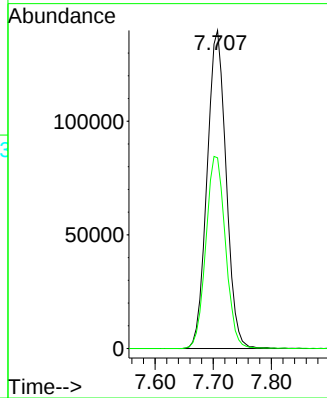
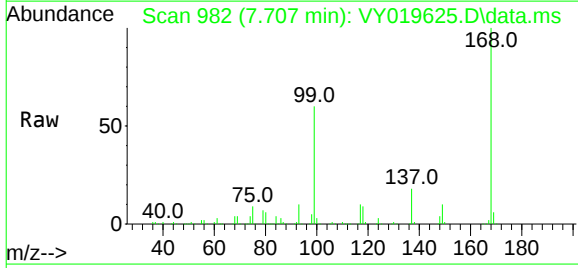




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

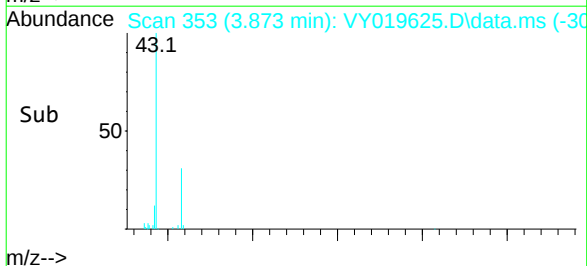
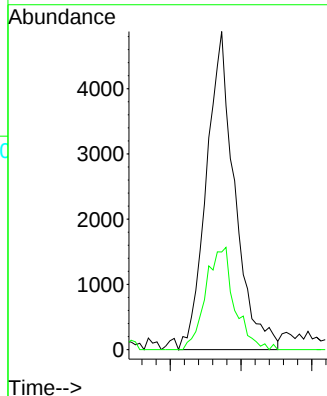
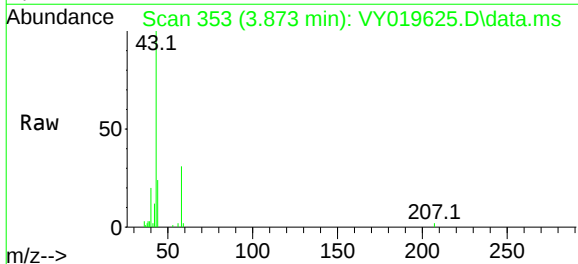
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-TP-9

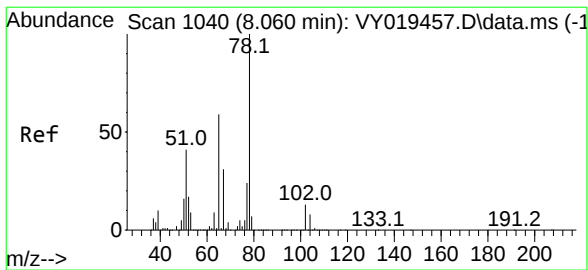
Tgt Ion:168 Resp: 318534
Ion Ratio Lower Upper
168 100
99 60.0 39.1 58.7#



#16
Acetone
Concen: 19.329 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

Tgt Ion: 43 Resp: 13582
Ion Ratio Lower Upper
43 100
58 30.7 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 62.058 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019625.D

Acq: 19 Sep 2024 11:40

Instrument :

MSVOA_Y

ClientSampleId :

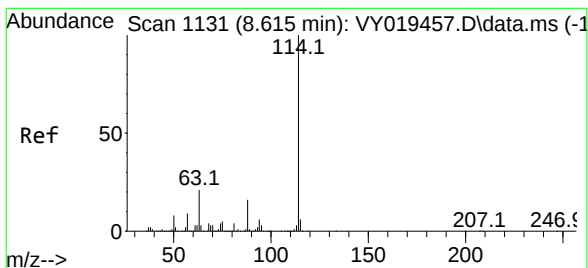
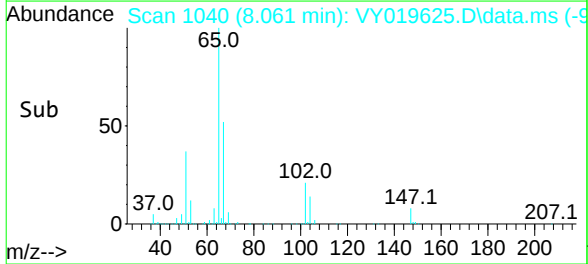
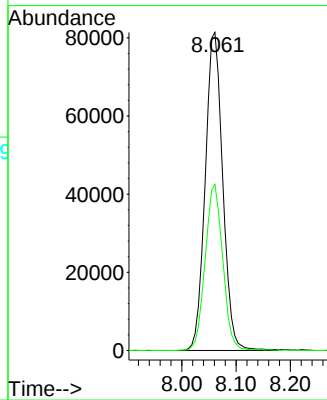
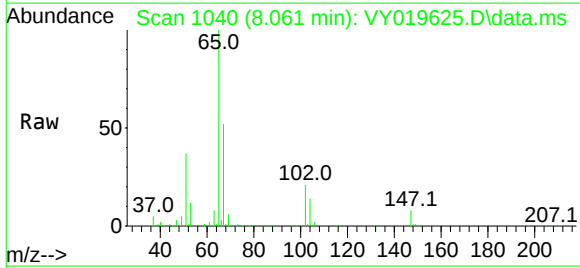
CONCRETE-TP-9

Tgt Ion: 65 Resp: 183042

Ion Ratio Lower Upper

65 100

67 52.2 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: VY019625.D

Acq: 19 Sep 2024 11:40

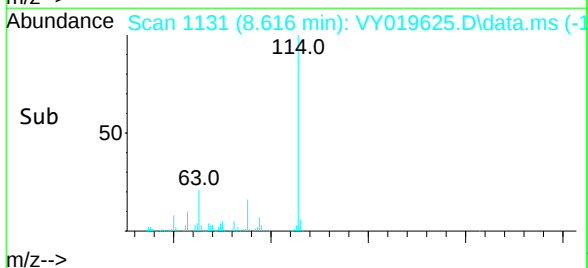
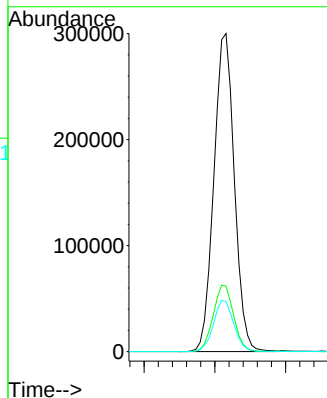
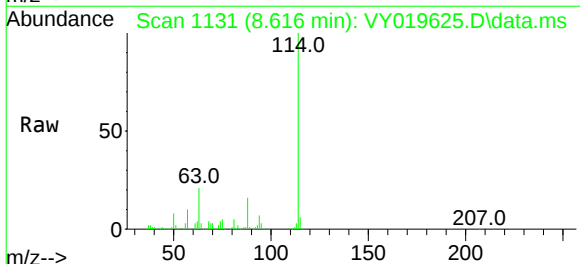
Tgt Ion: 114 Resp: 602602

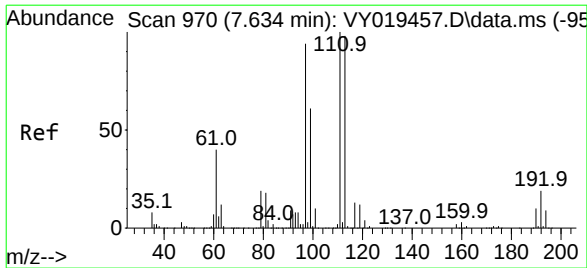
Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

88 15.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 29.206 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019625.D

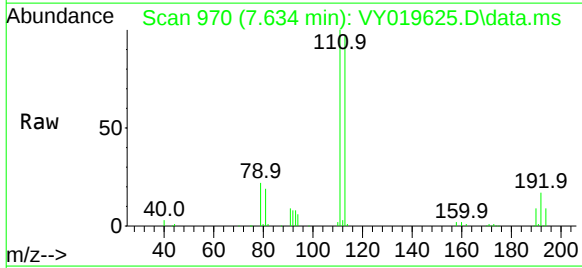
Acq: 19 Sep 2024 11:40

Instrument :

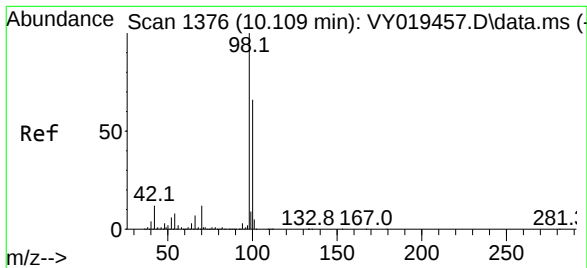
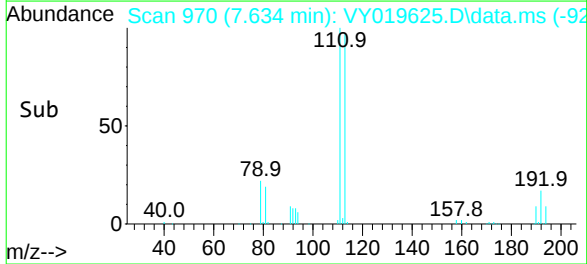
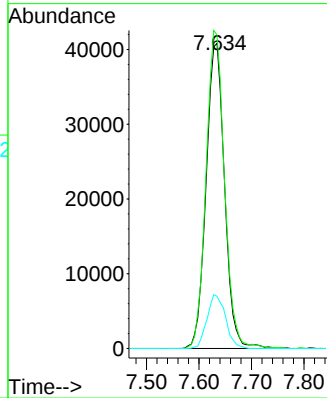
MSVOA_Y

ClientSampleId :

CONCRETE-TP-9



Tgt Ion:	113	Resp:	99786
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.2	123.4
192	17.7	15.9	23.9



#50

Toluene-d8

Concen: 56.539 ug/l

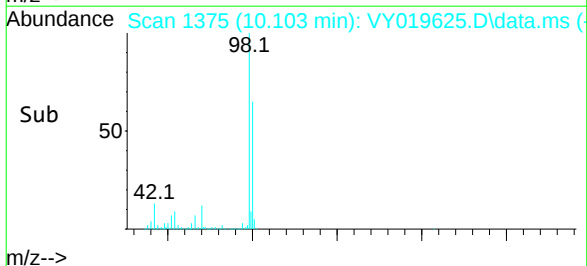
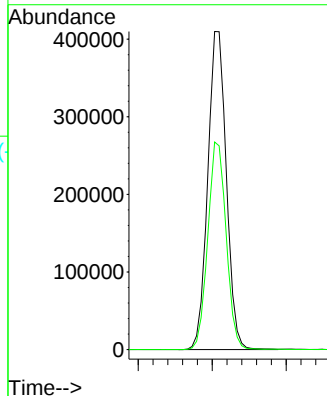
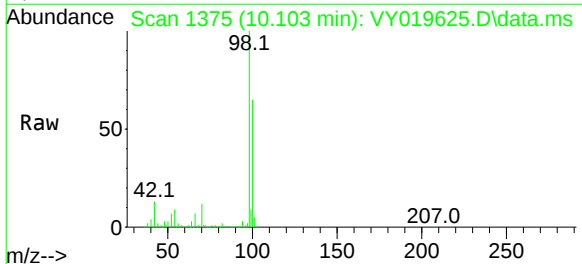
RT: 10.103 min Scan# 1375

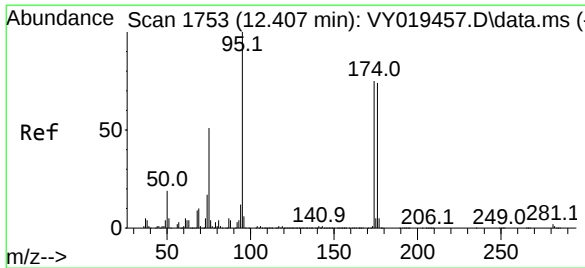
Delta R.T. -0.006 min

Lab File: VY019625.D

Acq: 19 Sep 2024 11:40

Tgt Ion:	98	Resp:	714505
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 45.972 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019625.D

Acq: 19 Sep 2024 11:40

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-TP-9

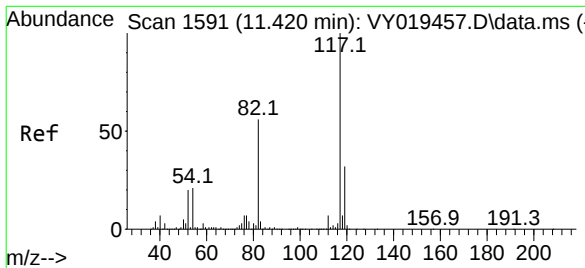
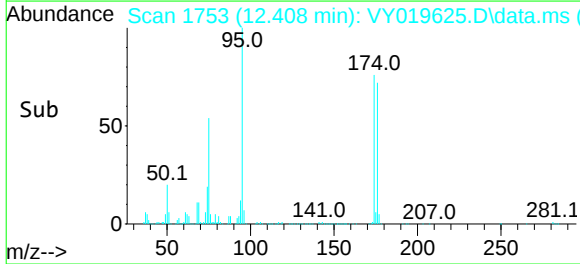
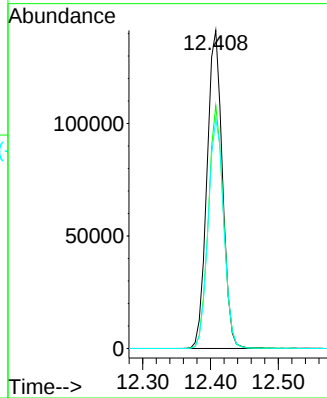
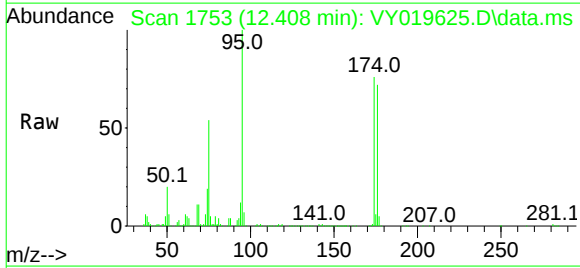
Tgt Ion: 95 Resp: 223384

Ion Ratio Lower Upper

95 100

174 74.9 0.0 175.6

176 72.9 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019625.D

Acq: 19 Sep 2024 11:40

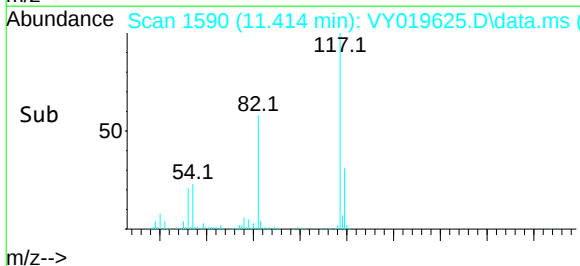
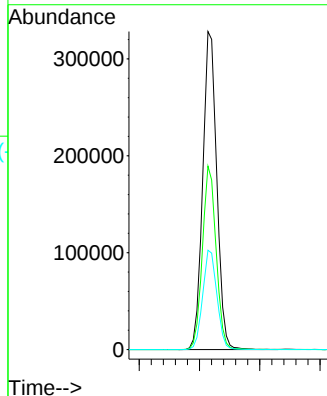
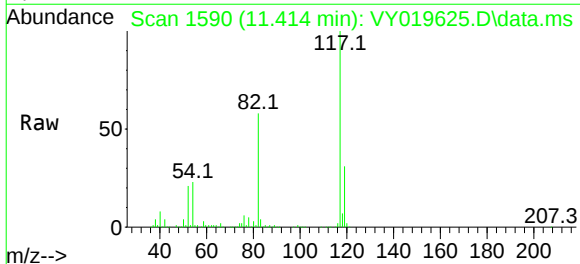
Tgt Ion: 117 Resp: 530813

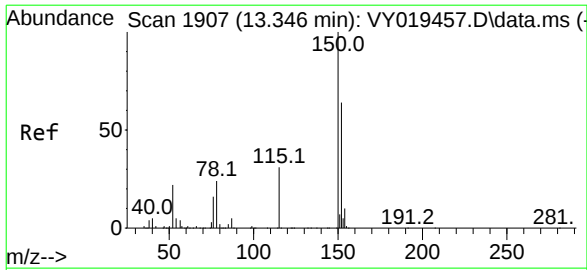
Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

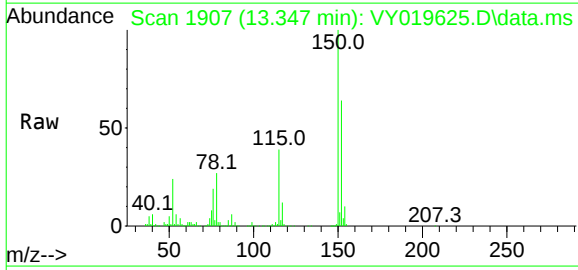
119 31.2 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY019625.D
 Acq: 19 Sep 2024 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-TP-9



Tgt Ion:	152	Resp:	190731
Ion	Ratio	Lower	Upper
152	100		
115	61.5	28.2	84.7
150	159.0	0.0	345.6

