

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015981.D
 Acq On : 16 Oct 2023 13:55
 Operator : SY/MD
 Sample : 04798-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FRIABLE-ASBESTOS-SAMPLE

Quant Time: Oct 17 05:42:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

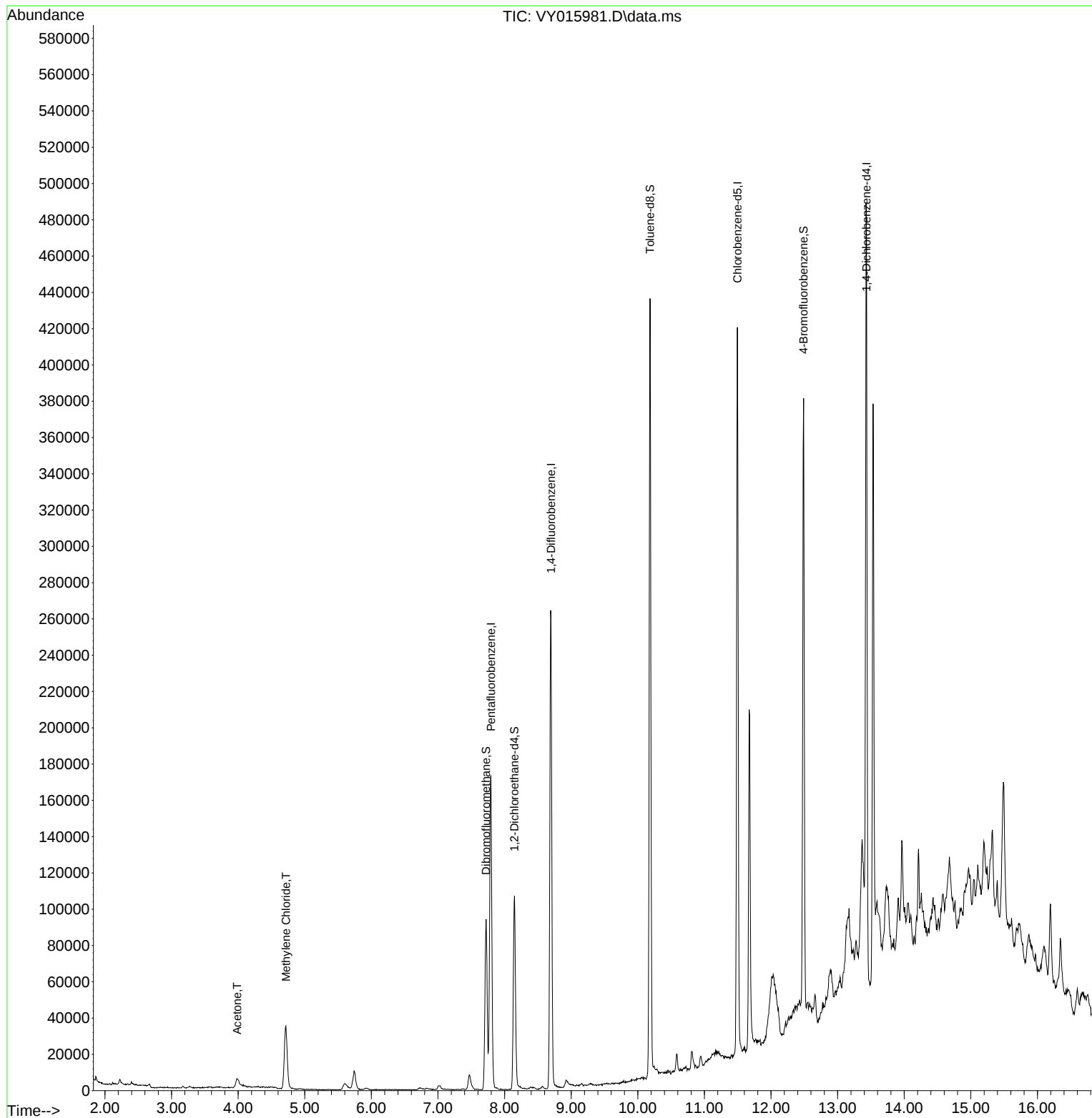
Internal Standards						
1) Pentafluorobenzene	7.795	168	137030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	234061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	225666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	109269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	84468	54.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.020%	
35) Dibromofluoromethane	7.722	113	67250	45.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.280%	
50) Toluene-d8	10.184	98	284650	51.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.160%	
62) 4-Bromofluorobenzene	12.489	95	104110	52.983	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.960%	
Target Compounds						
					Qvalue	
16) Acetone	3.984	43	14046	15.461	ug/l	93
20) Methylene Chloride	4.716	84	27241	12.599	ug/l	87

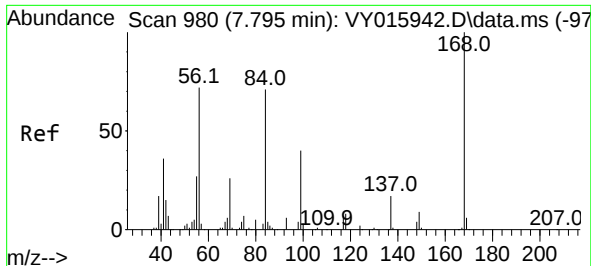
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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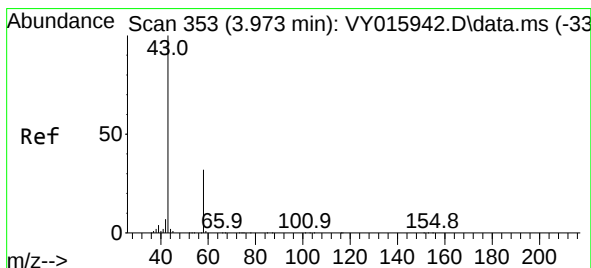
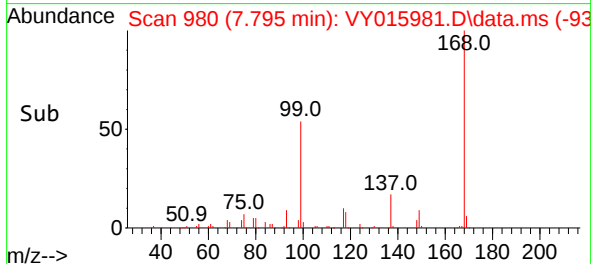
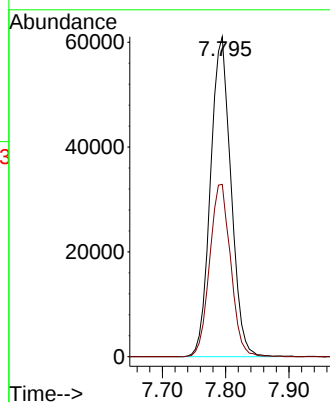
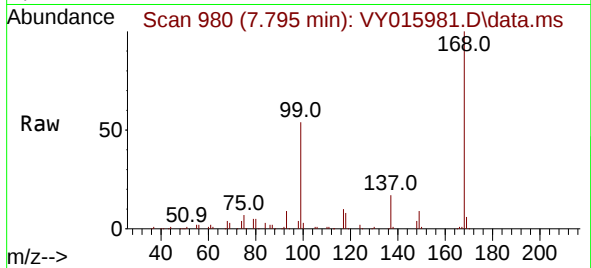




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015981.D
Acq: 16 Oct 2023 13:55

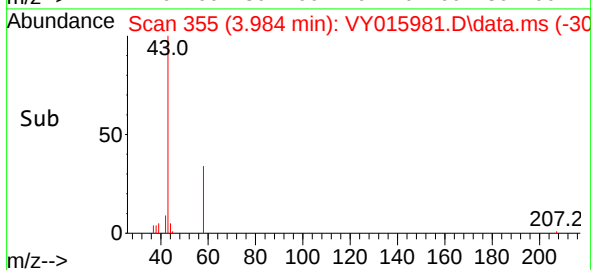
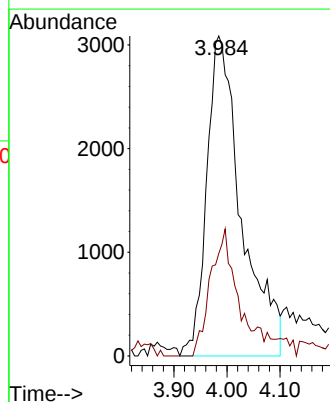
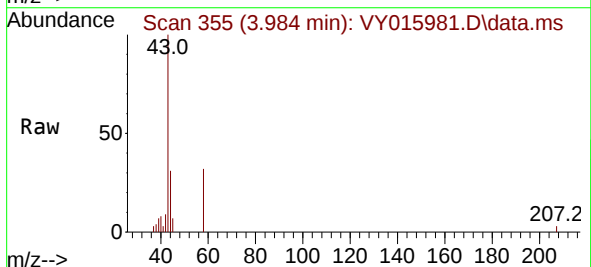
Instrument :
MSVOA_Y
ClientSampleId :
FRIABLE-ASBESTOS-SAMPLE

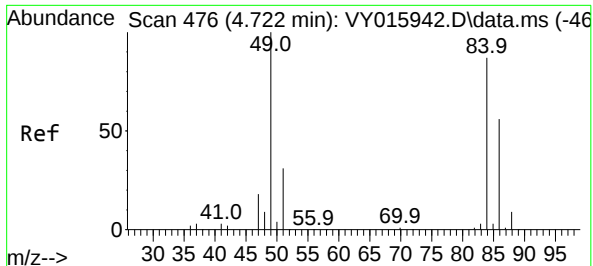
Tgt Ion:168 Resp: 137030
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#16
Acetone
Concen: 15.461 ug/l
RT: 3.984 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY015981.D
Acq: 16 Oct 2023 13:55

Tgt Ion: 43 Resp: 14046
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

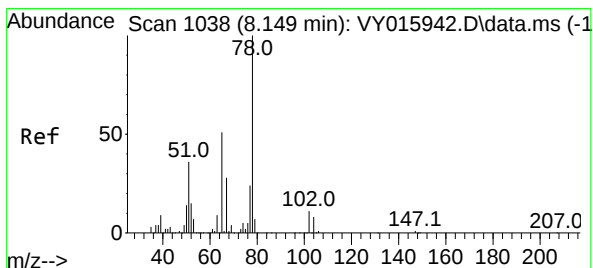
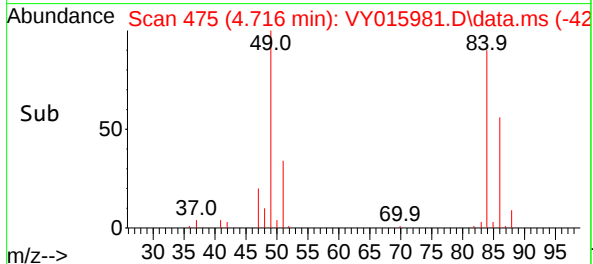
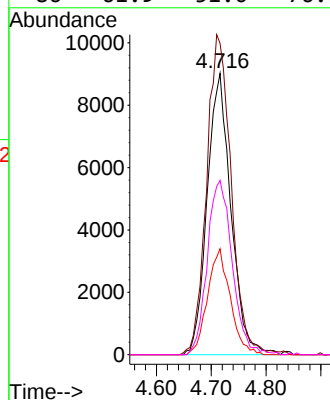
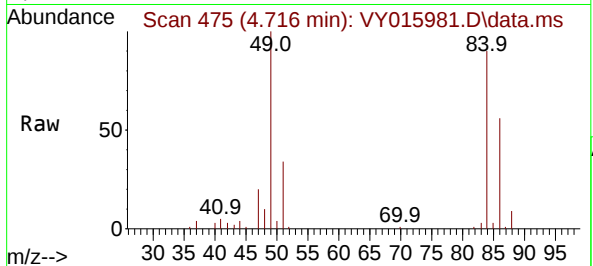




#20
Methylene Chloride
Concen: 12.599 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015981.D
Acq: 16 Oct 2023 13:55

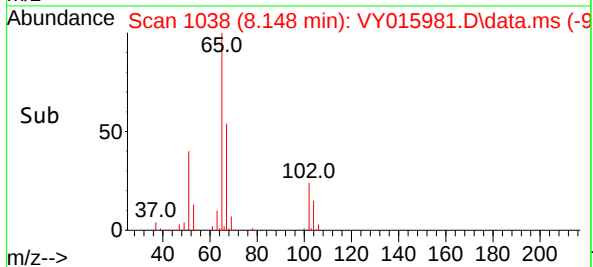
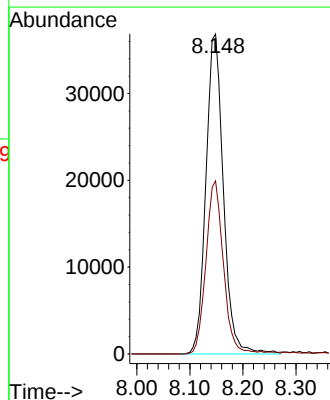
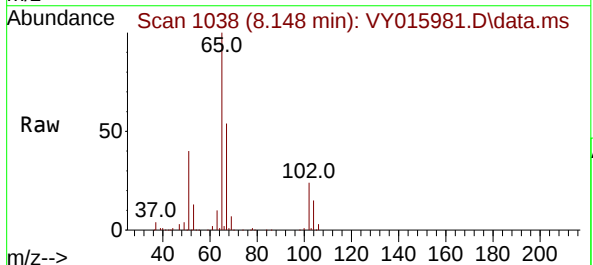
Instrument :
MSVOA_Y
ClientSampleId :
FRIABLE-ASBESTOS-SAMPLE

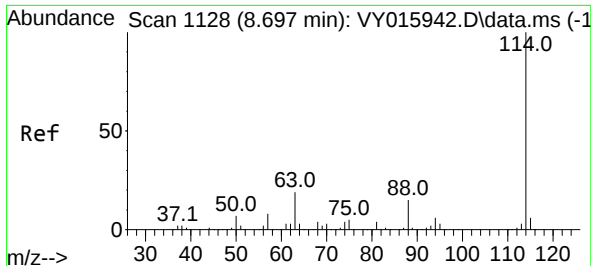
Tgt Ion:	84	Resp:	27241
Ion	Ratio	Lower	Upper
84	100		
49	110.7	106.9	160.3
51	37.7	33.2	49.8
86	61.9	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 54.011 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY015981.D
Acq: 16 Oct 2023 13:55

Tgt Ion:	65	Resp:	84468
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY015981.D

Acq: 16 Oct 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

FRIABLE-ASBESTOS-SAMPLE

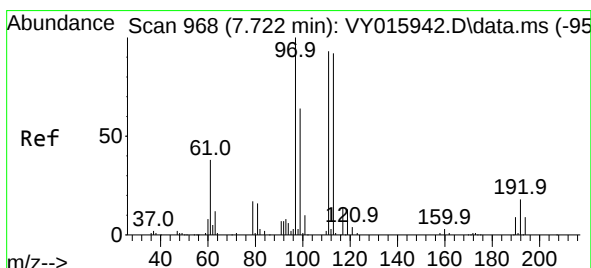
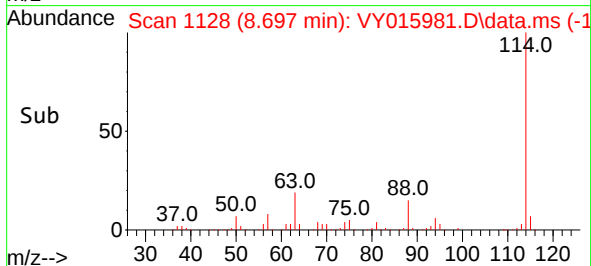
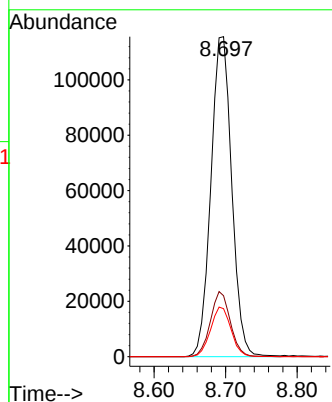
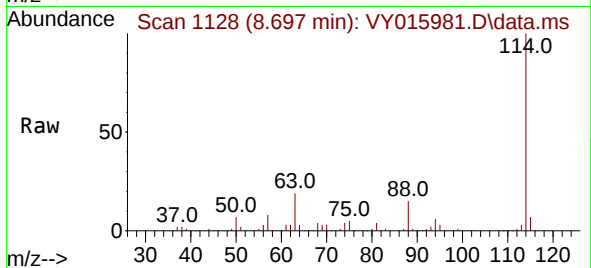
Tgt Ion:114 Resp: 234061

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.638 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY015981.D

Acq: 16 Oct 2023 13:55

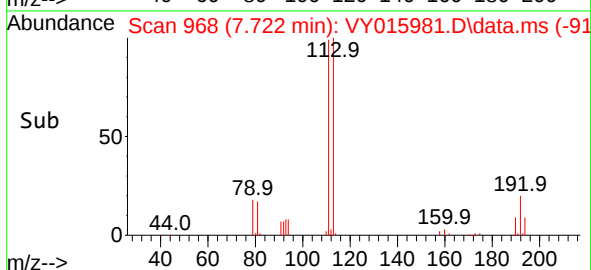
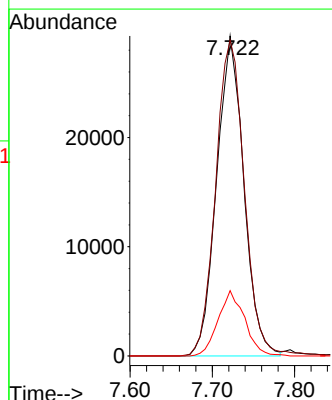
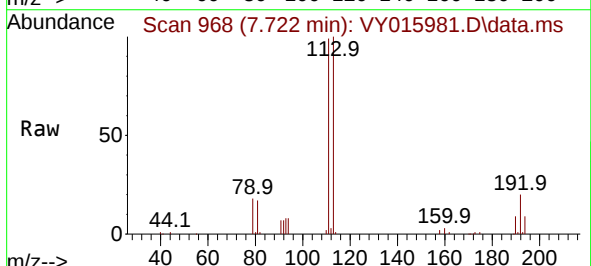
Tgt Ion:113 Resp: 67250

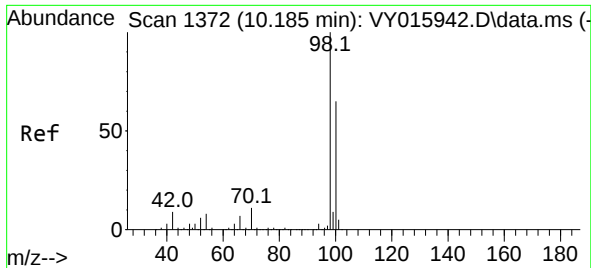
Ion Ratio Lower Upper

113 100

111 104.7 81.3 121.9

192 20.1 16.9 25.3

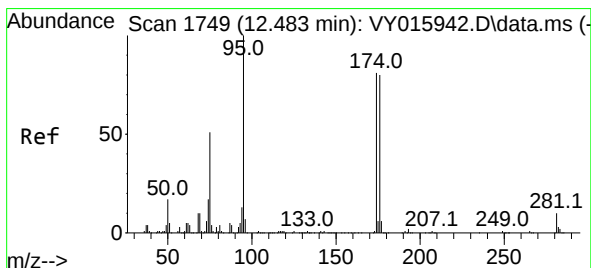
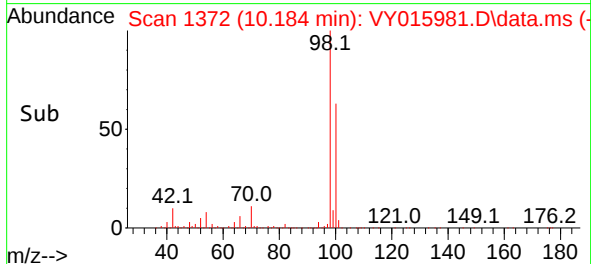
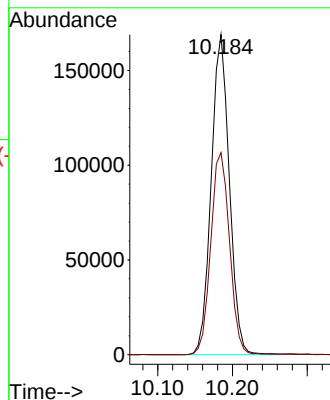
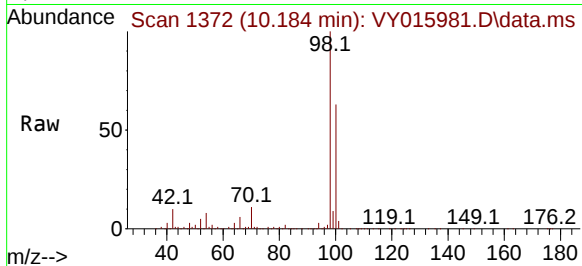




#50
Toluene-d8
Concen: 51.583 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015981.D
Acq: 16 Oct 2023 13:55

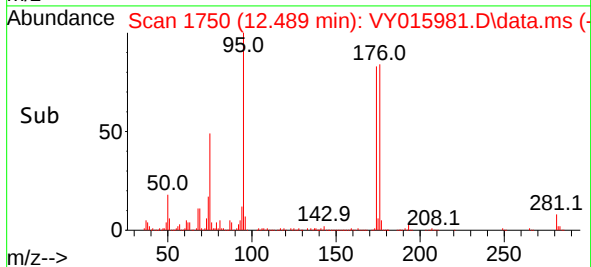
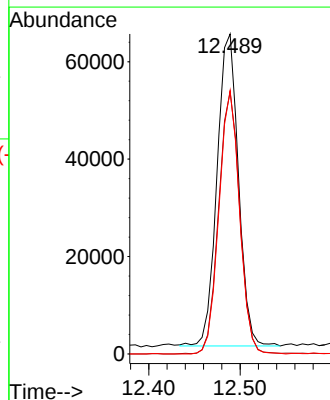
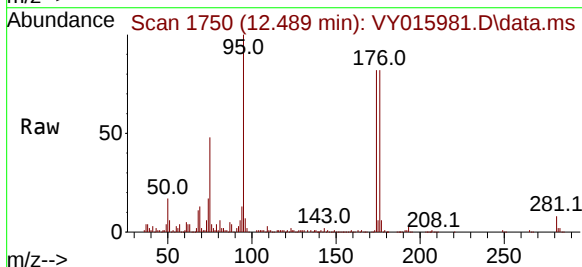
Instrument :
MSVOA_Y
ClientSampleId :
FRIABLE-ASBESTOS-SAMPLE

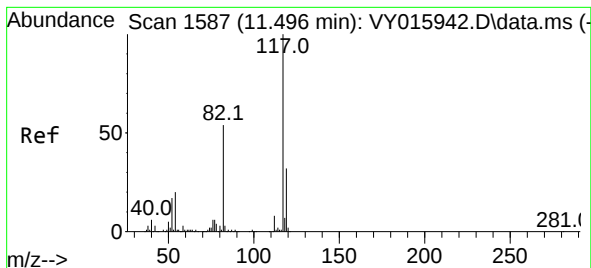
Tgt Ion: 98 Resp: 284650
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.983 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015981.D
Acq: 16 Oct 2023 13:55

Tgt Ion: 95 Resp: 104110
Ion Ratio Lower Upper
95 100
174 82.8 0.0 178.2
176 81.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015981.D

Acq: 16 Oct 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

FRIABLE-ASBESTOS-SAMPLE

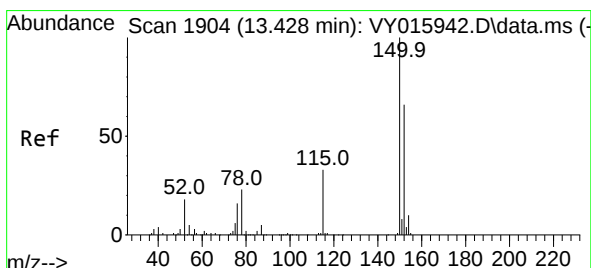
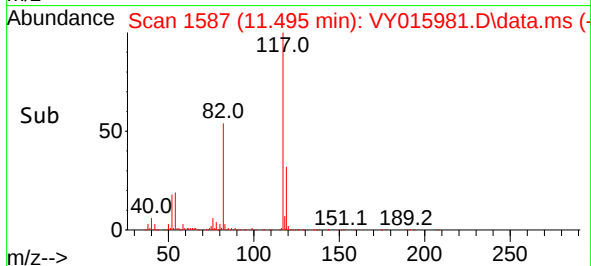
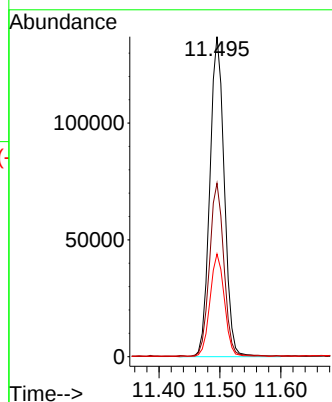
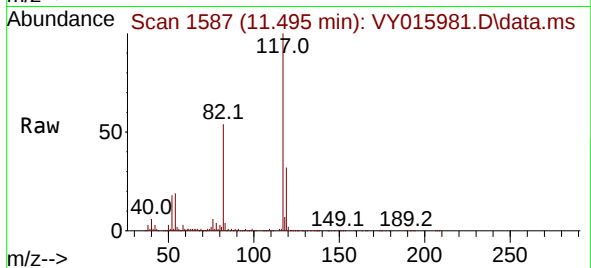
Tgt Ion:117 Resp: 225666

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015981.D

Acq: 16 Oct 2023 13:55

Tgt Ion:152 Resp: 109269

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 155.3 0.0 348.8

