

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033641.D
 Acq On : 06 Jan 2023 19:16
 Operator : JC/MD
 Sample : 01042-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HARRISON-SILICA

Quant Time: Jan 07 04:29:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

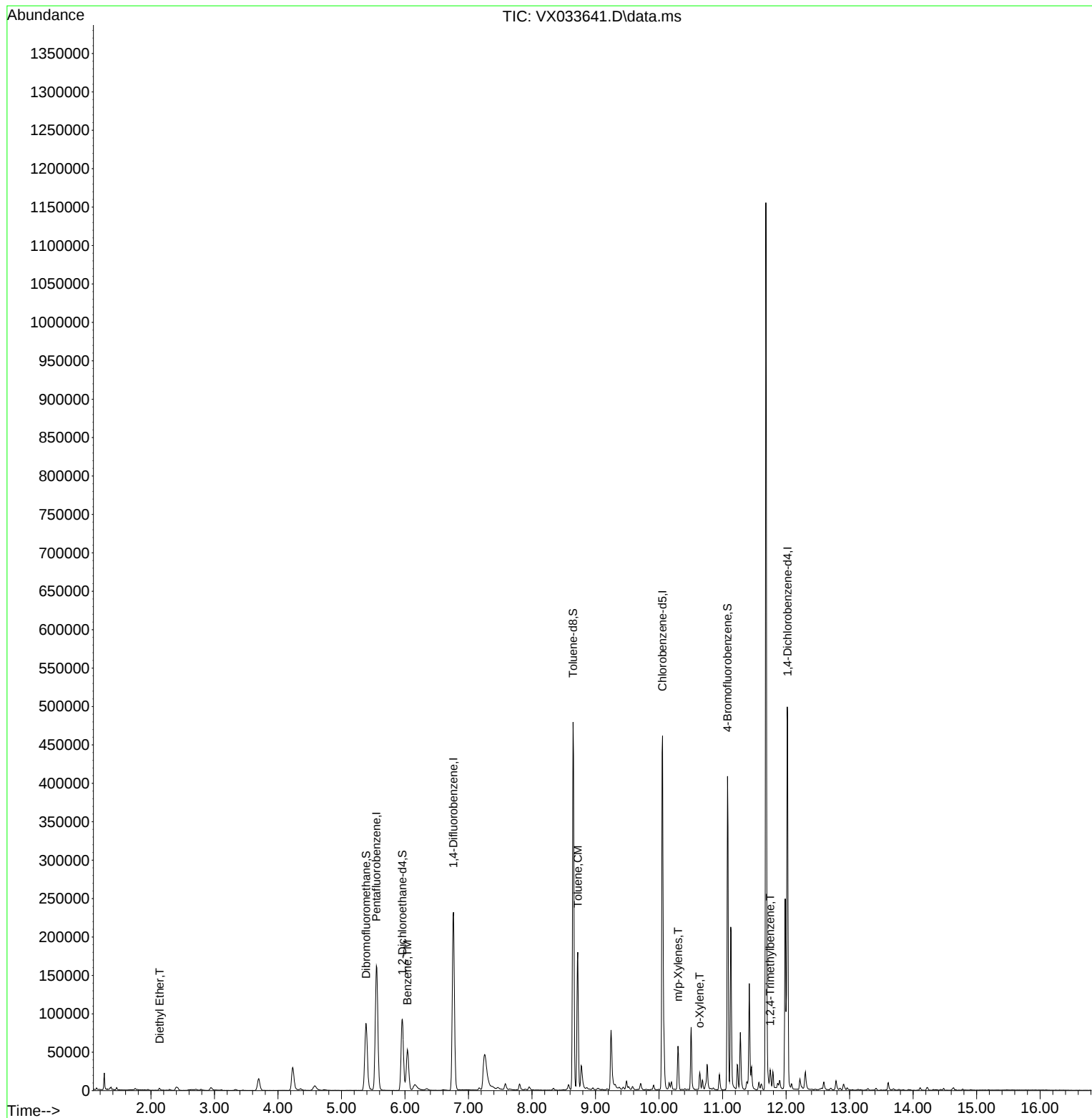
Internal Standards						
1) Pentafluorobenzene	5.550	168	166884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90783	48.189	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	96.380%	
35) Dibromofluoromethane	5.385	113	75863	47.334	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.660%	
50) Toluene-d8	8.647	98	283303	49.455	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.900%	
62) 4-Bromofluorobenzene	11.079	95	100939	49.711	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.420%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	855	1.279	ug/l	67
40) Benzene	6.037	78	63880	10.067	ug/l	97
52) Toluene	8.720	92	69044	16.551	ug/l	100
68) m/p-Xylenes	10.299	106	12848	4.260	ug/l	95
69) o-Xylene	10.640	106	4351	1.455	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	9015	1.412	ug/l	93

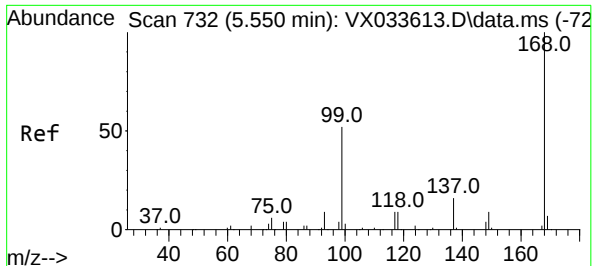
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
Data File : VX033641.D
Acq On : 06 Jan 2023 19:16
Operator : JC/MD
Sample : 01042-04 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HARRISON-SILICA

Quant Time: Jan 07 04:29:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 05 04:43:25 2023
Response via : Initial Calibration

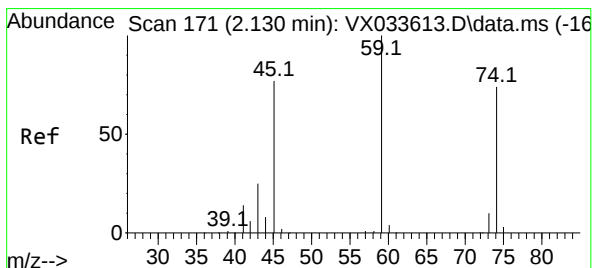
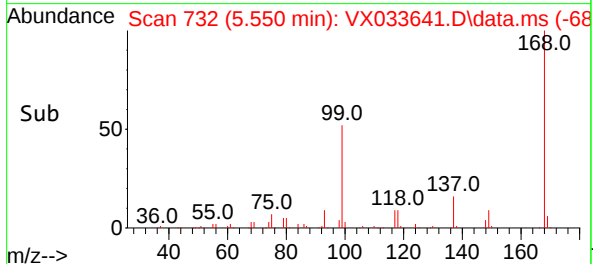
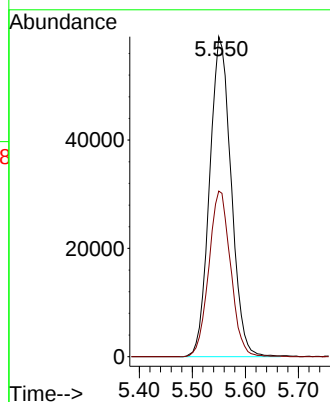
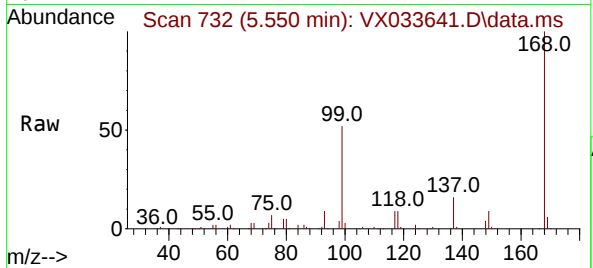




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033641.D
Acq: 06 Jan 2023 19:16

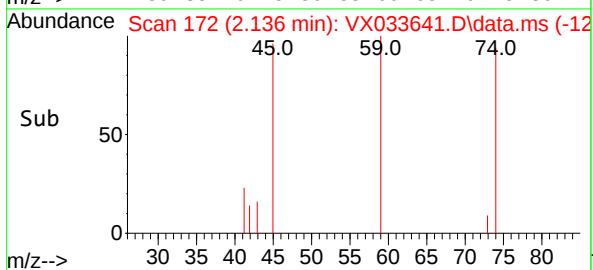
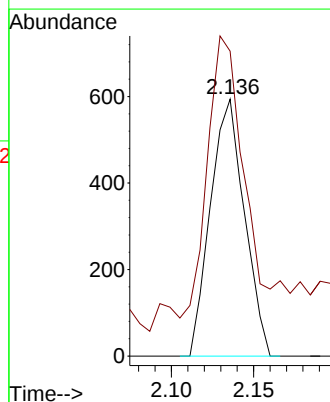
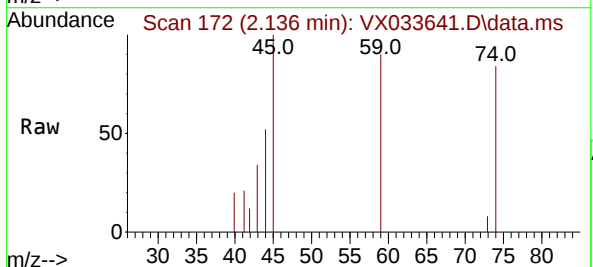
Instrument :
MSVOA_X
ClientSampleId :
HARRISON-SILICA

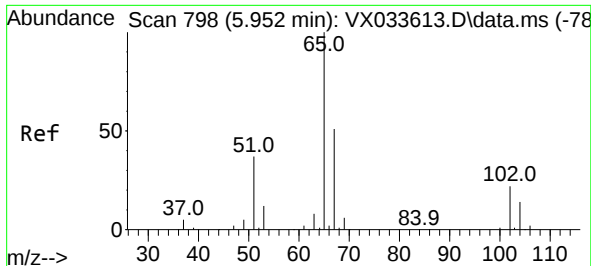
Tgt Ion:168 Resp: 166884
Ion Ratio Lower Upper
168 100
99 51.7 41.4 62.2



#8
Diethyl Ether
Concen: 1.279 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX033641.D
Acq: 06 Jan 2023 19:16

Tgt Ion: 74 Resp: 855
Ion Ratio Lower Upper
74 100
45 133.0 50.1 150.4





#33

1,2-Dichloroethane-d4

Concen: 48.189 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX033641.D

Acq: 06 Jan 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

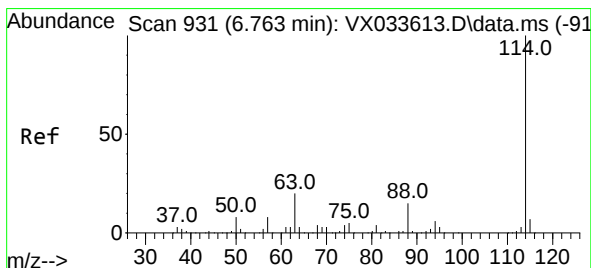
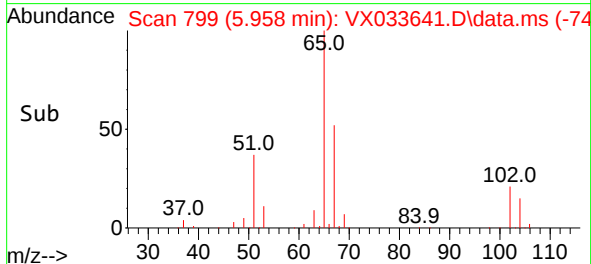
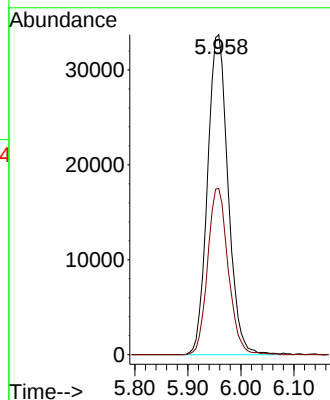
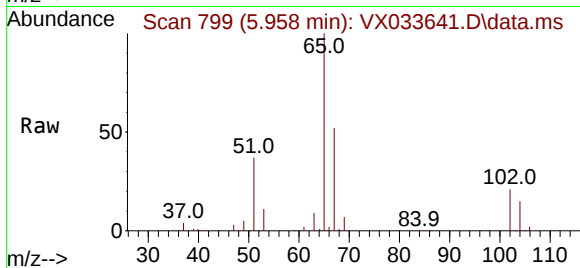
HARRISON-SILICA

Tgt Ion: 65 Resp: 90783

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033641.D

Acq: 06 Jan 2023 19:16

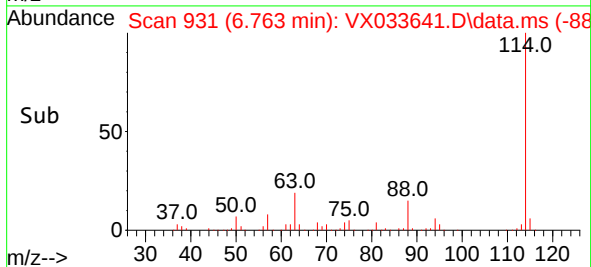
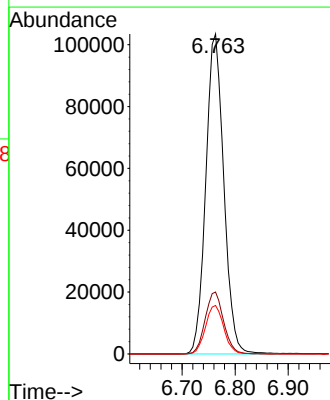
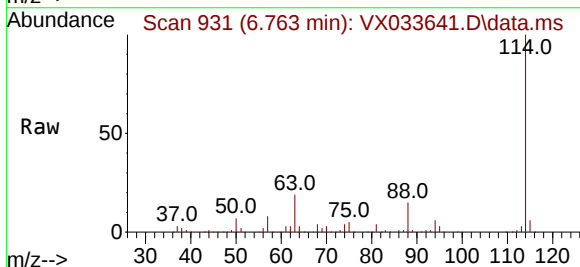
Tgt Ion: 114 Resp: 243837

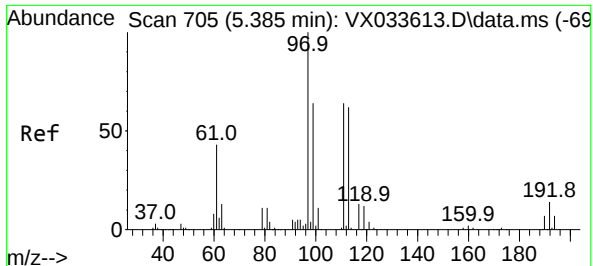
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.334 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033641.D

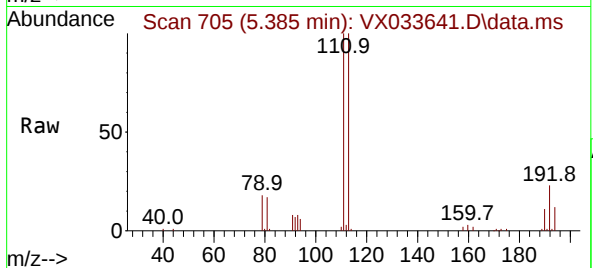
Acq: 06 Jan 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

HARRISON-SILICA



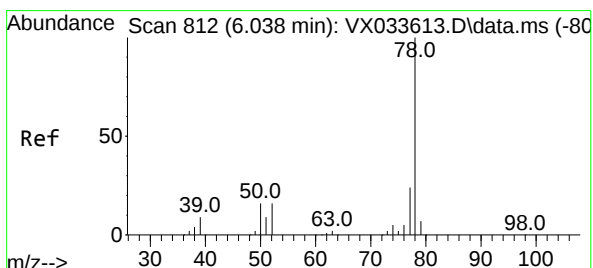
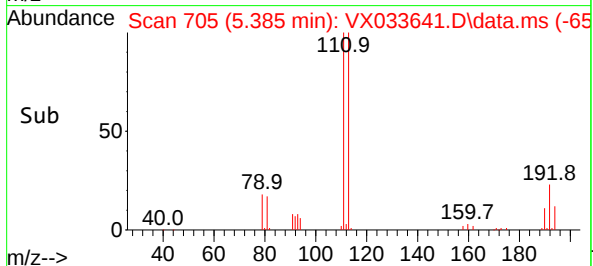
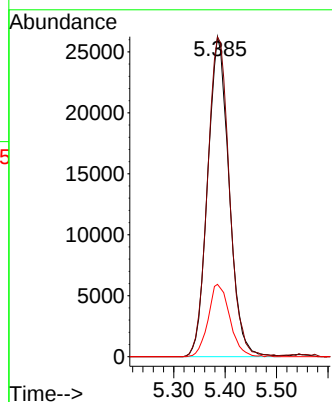
Tgt Ion:113 Resp: 75863

Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

192 22.9 18.2 27.2



#40

Benzene

Concen: 10.067 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX033641.D

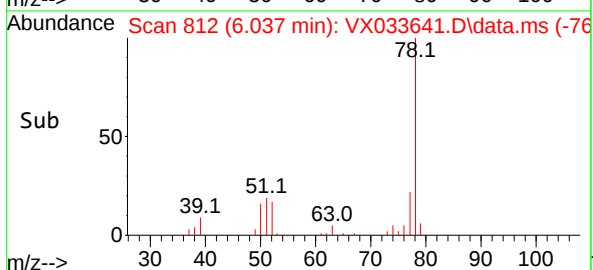
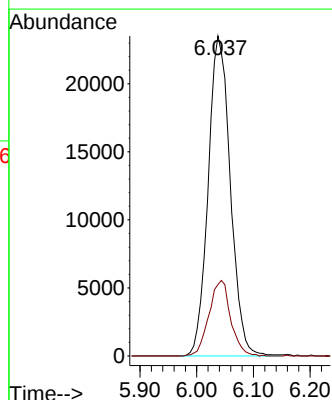
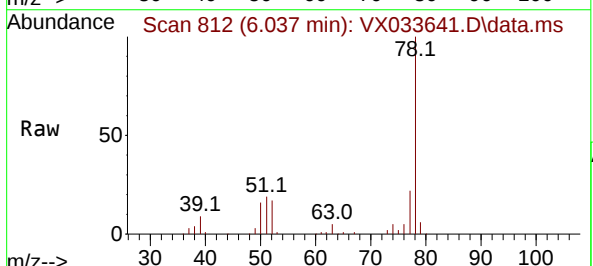
Acq: 06 Jan 2023 19:16

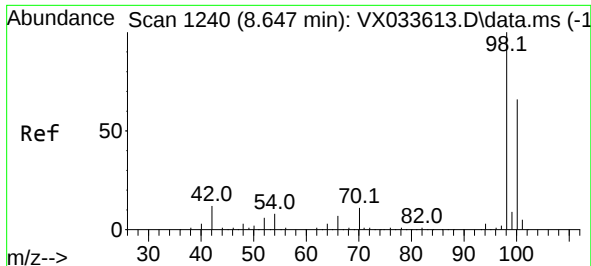
Tgt Ion: 78 Resp: 63880

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.6

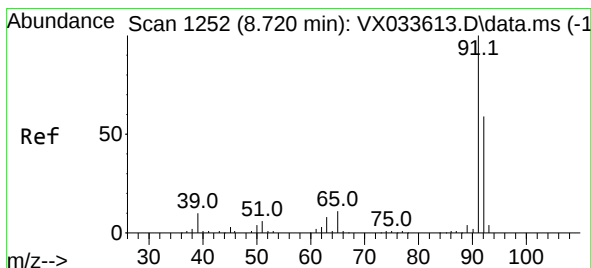
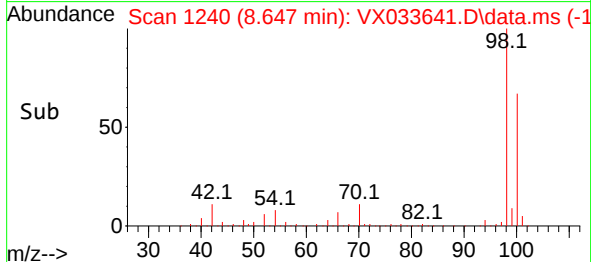
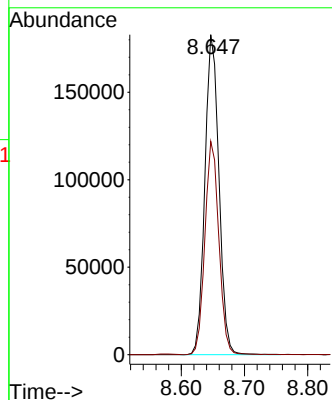
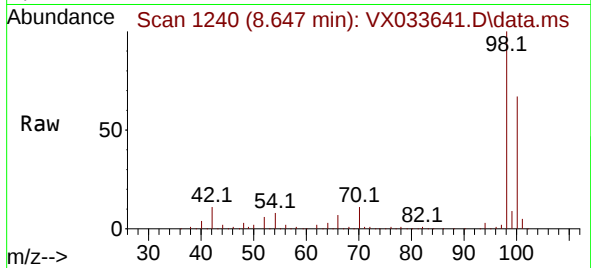




#50
Toluene-d8
Concen: 49.455 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033641.D
Acq: 06 Jan 2023 19:16

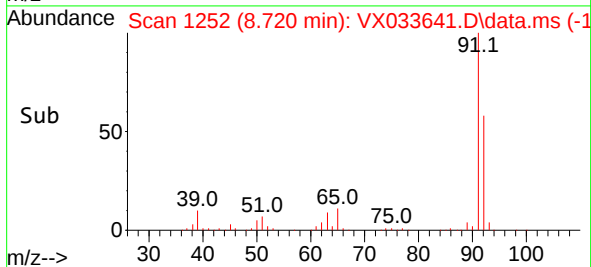
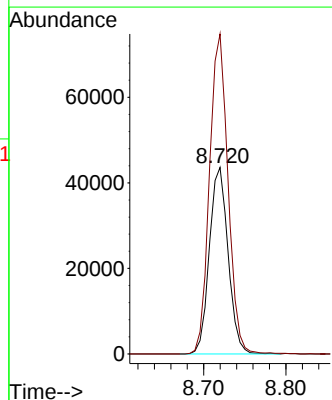
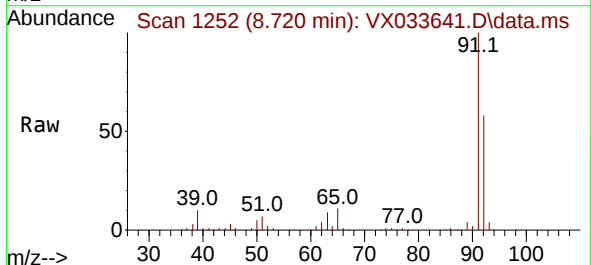
Instrument :
MSVOA_X
ClientSampleId :
HARRISON-SILICA

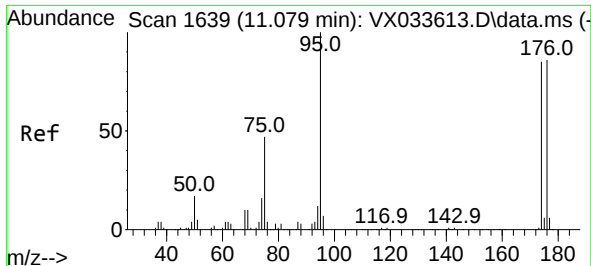
Tgt Ion: 98 Resp: 283303
Ion Ratio Lower Upper
98 100
100 66.1 53.6 80.4



#52
Toluene
Concen: 16.551 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033641.D
Acq: 06 Jan 2023 19:16

Tgt Ion: 92 Resp: 69044
Ion Ratio Lower Upper
92 100
91 169.7 135.4 203.2





#62

4-Bromofluorobenzene

Concen: 49.711 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033641.D

Acq: 06 Jan 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

HARRISON-SILICA

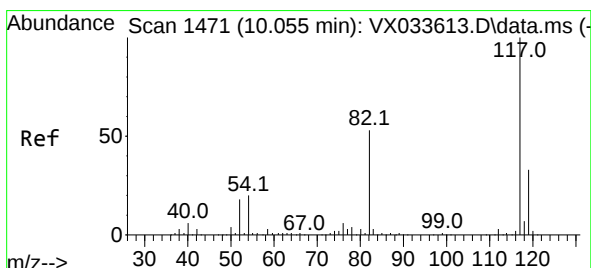
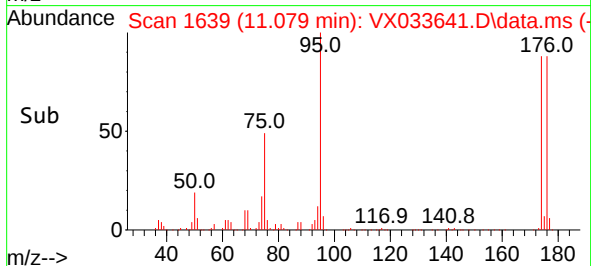
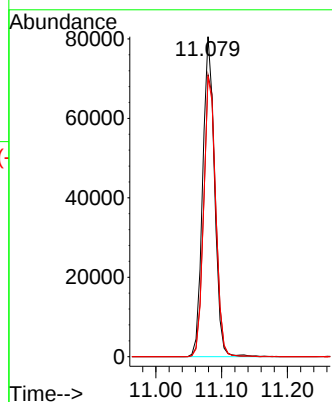
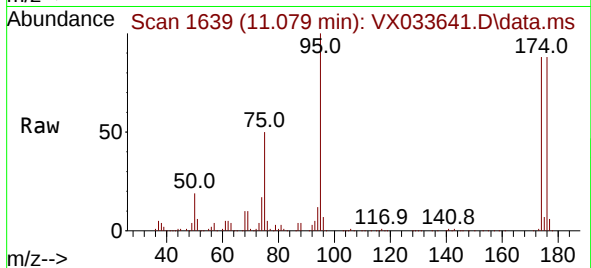
Tgt Ion: 95 Resp: 100939

Ion Ratio Lower Upper

95 100

174 89.4 0.0 180.4

176 88.1 0.0 176.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033641.D

Acq: 06 Jan 2023 19:16

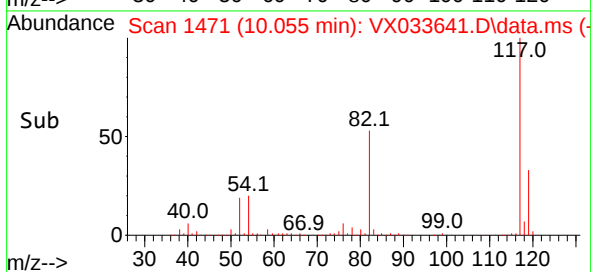
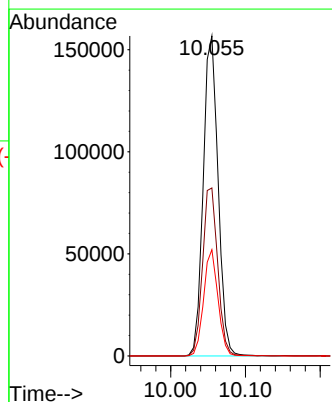
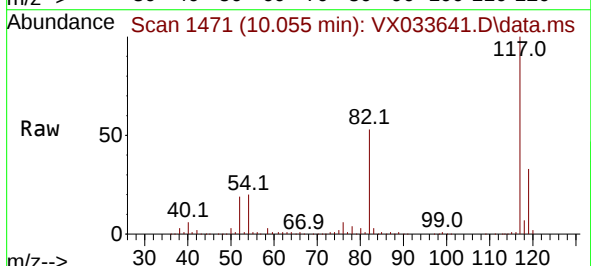
Tgt Ion: 117 Resp: 216356

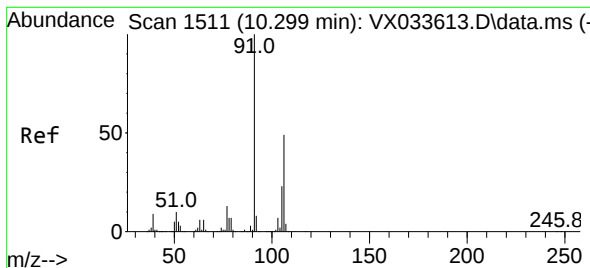
Ion Ratio Lower Upper

117 100

82 52.5 42.2 63.2

119 33.2 26.2 39.4

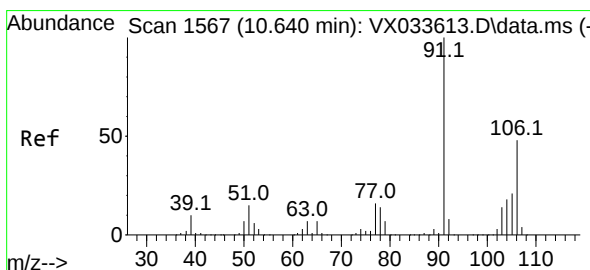
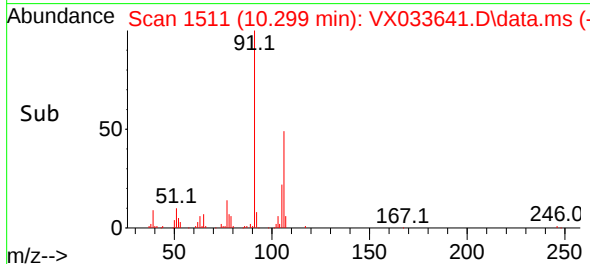
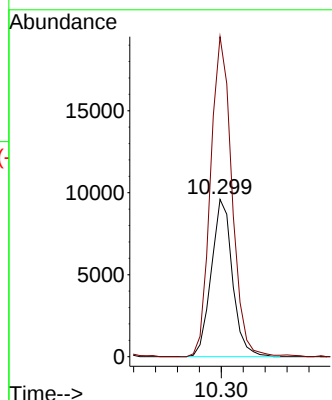
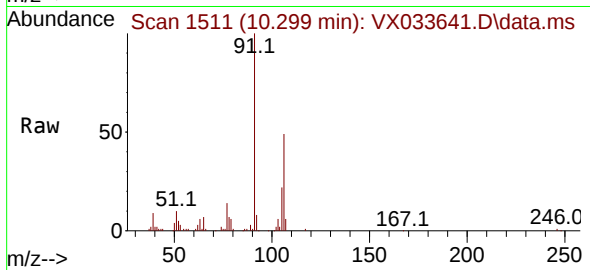




#68
m/p-Xylenes
Concen: 4.260 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033641.D
Acq: 06 Jan 2023 19:16

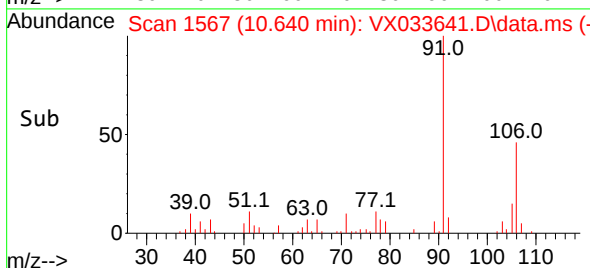
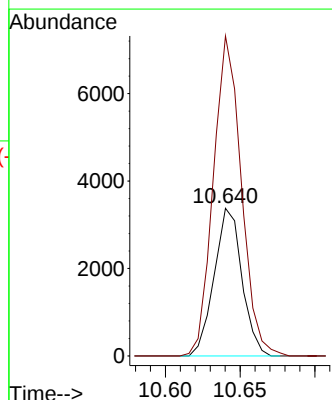
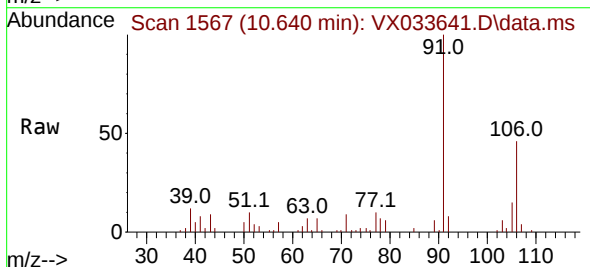
Instrument :
MSVOA_X
ClientSampleId :
HARRISON-SILICA

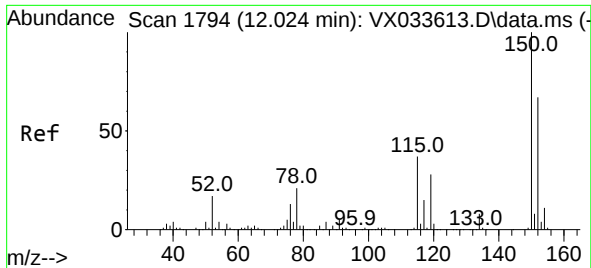
Tgt Ion:106 Resp: 12848
Ion Ratio Lower Upper
106 100
91 206.5 159.6 239.4



#69
o-Xylene
Concen: 1.455 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033641.D
Acq: 06 Jan 2023 19:16

Tgt Ion:106 Resp: 4351
Ion Ratio Lower Upper
106 100
91 218.5 104.1 312.3

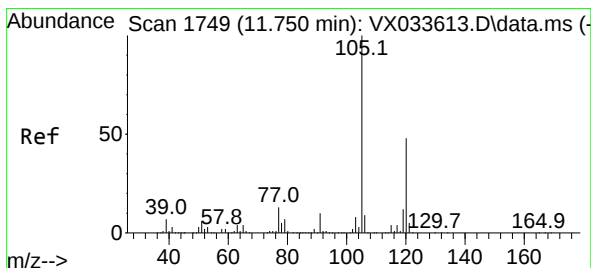
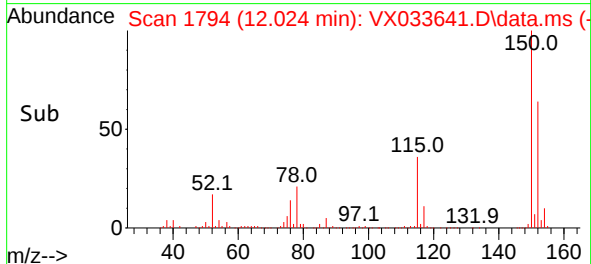
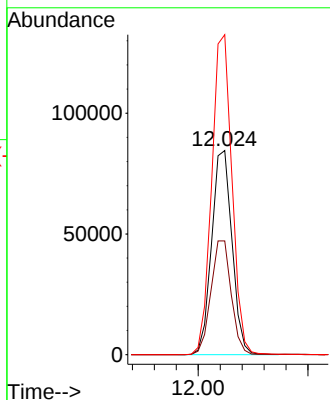
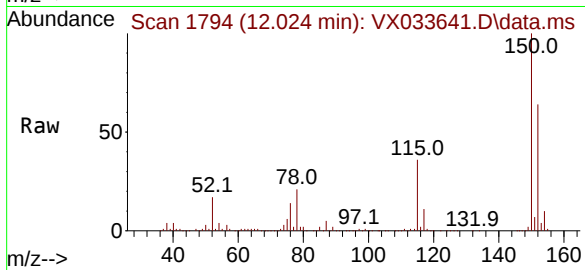




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX033641.D
 Acq: 06 Jan 2023 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 HARRISON-SILICA

Tgt Ion:152 Resp: 109434
 Ion Ratio Lower Upper
 152 100
 115 55.6 38.5 115.5
 150 155.8 0.0 340.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.412 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX033641.D
 Acq: 06 Jan 2023 19:16

Tgt Ion:105 Resp: 9015
 Ion Ratio Lower Upper
 105 100
 120 41.8 23.4 70.0

