

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033644.D
 Acq On : 06 Jan 2023 20:26
 Operator : JC/MD
 Sample : 01042-07 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MARKETST-SILICA

Quant Time: Jan 07 04:31:06 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)

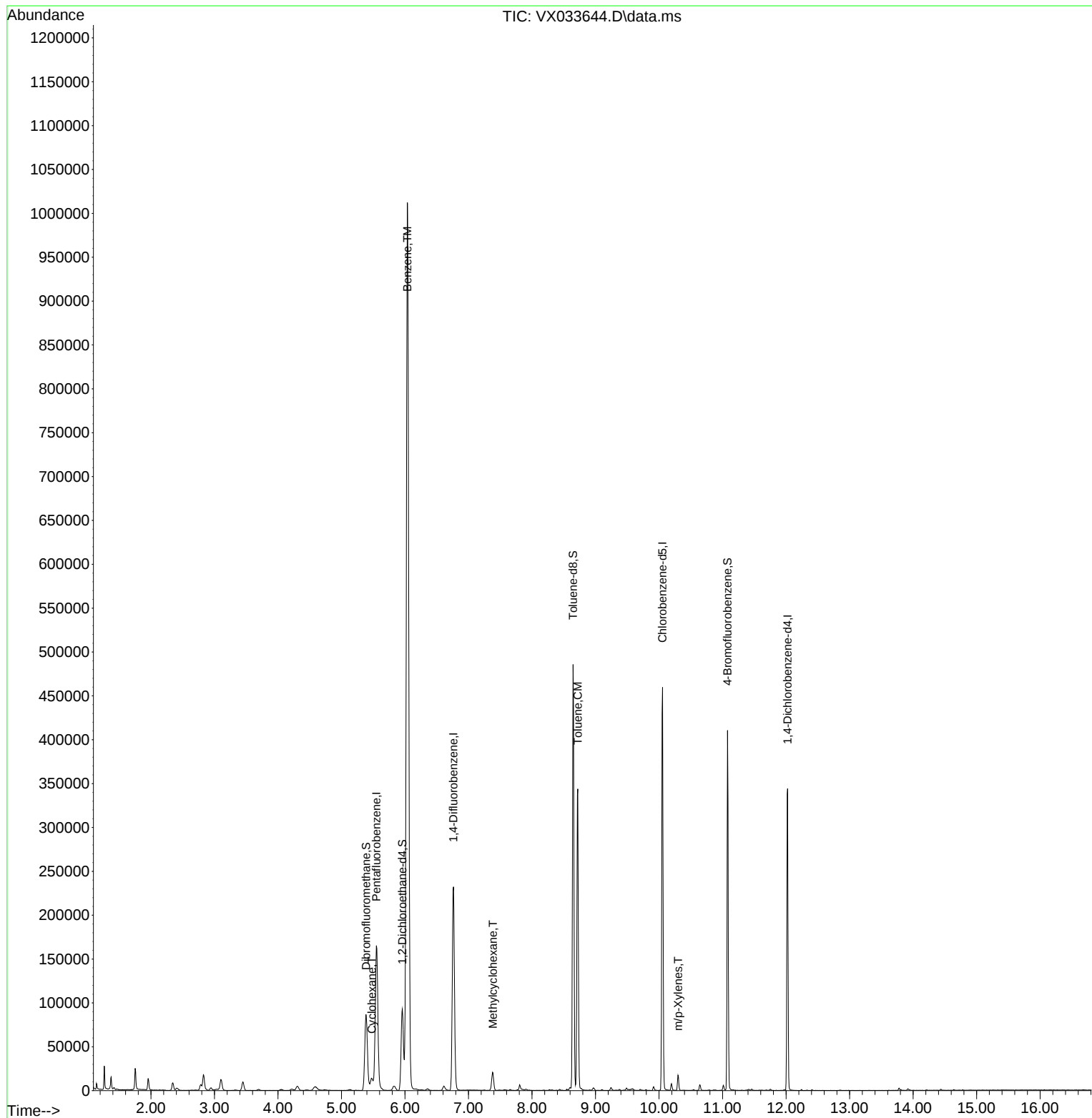
Internal Standards						
1) Pentafluorobenzene	5.550	168	169289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91833	48.054	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.100%
35) Dibromofluoromethane	5.385	113	76390	47.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	8.647	98	284222	49.276	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.560%
62) 4-Bromofluorobenzene	11.079	95	101388	49.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.180%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.477	56	9215m	3.464	ug/l	
39) Methylcyclohexane	7.385	83	9251	3.390	ug/l	93
40) Benzene	6.038	78	1217311	190.535	ug/l	99
52) Toluene	8.720	92	132757	31.606	ug/l	99
68) m/p-Xylenes	10.299	106	4365	1.422	ug/l	96

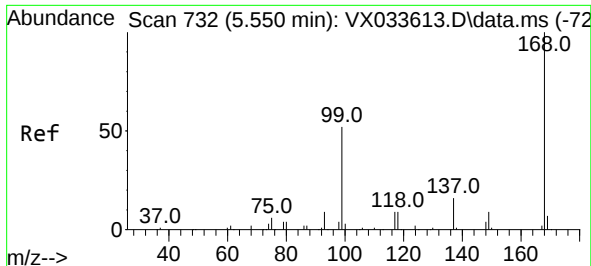
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
Data File : VX033644.D
Acq On : 06 Jan 2023 20:26
Operator : JC/MD
Sample : 01042-07 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MARKETST-SILICA

Quant Time: Jan 07 04:31:06 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

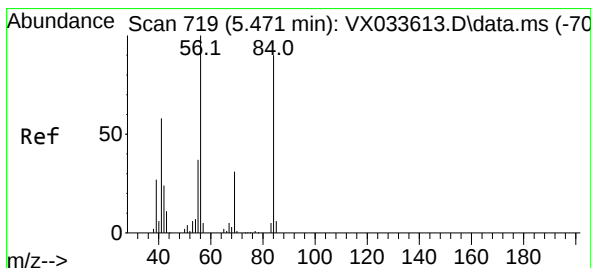
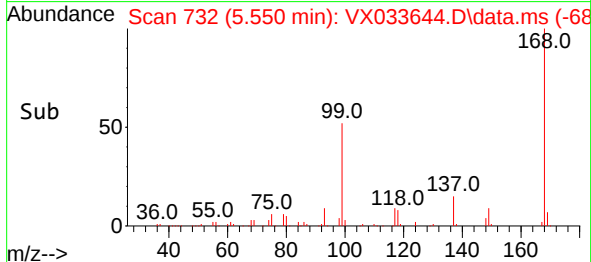
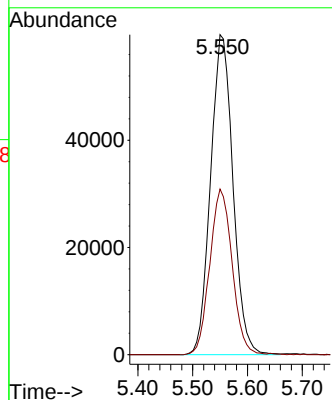
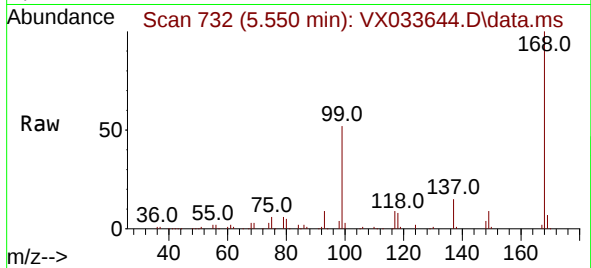




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033644.D
Acq: 06 Jan 2023 20:26

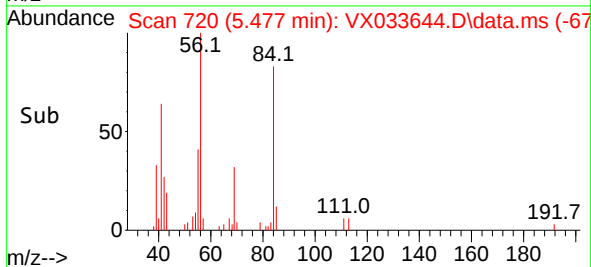
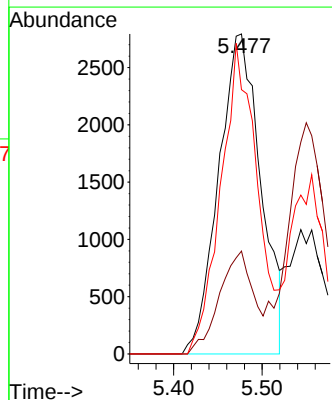
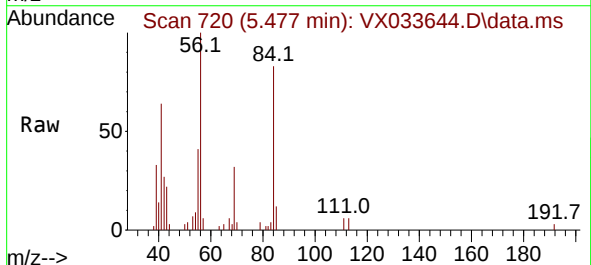
Instrument :
MSVOA_X
ClientSampleId :
MARKETST-SILICA

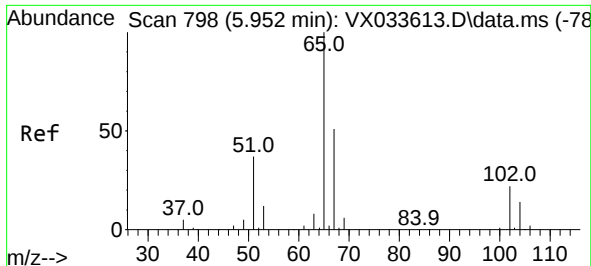
Tgt Ion:168 Resp: 169289
Ion Ratio Lower Upper
168 100
99 51.7 41.4 62.2



#31
Cyclohexane
Concen: 3.464 ug/l m
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX033644.D
Acq: 06 Jan 2023 20:26

Tgt Ion: 56 Resp: 9215
Ion Ratio Lower Upper
56 100
69 32.1 24.6 36.8
84 82.6 72.2 108.2





#33

1,2-Dichloroethane-d4

Concen: 48.054 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX033644.D

Acq: 06 Jan 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

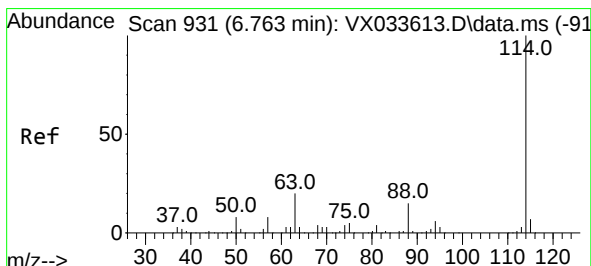
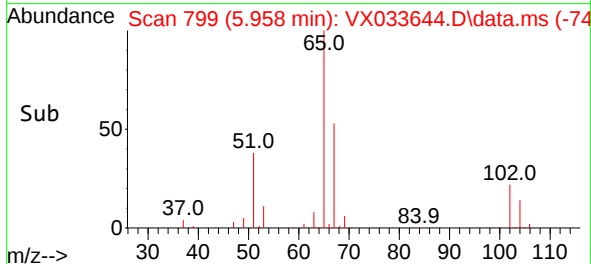
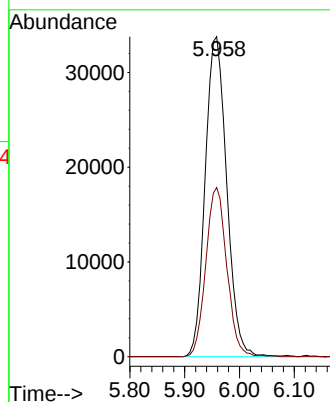
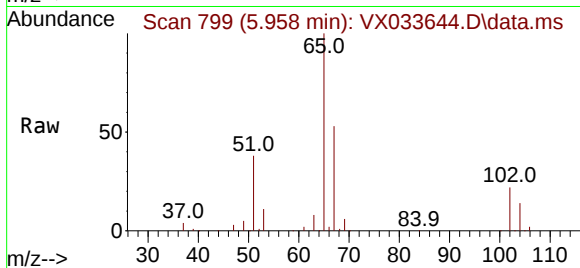
MARKETST-SILICA

Tgt Ion: 65 Resp: 91833

Ion Ratio Lower Upper

65 100

67 51.6 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: VX033644.D

Acq: 06 Jan 2023 20:26

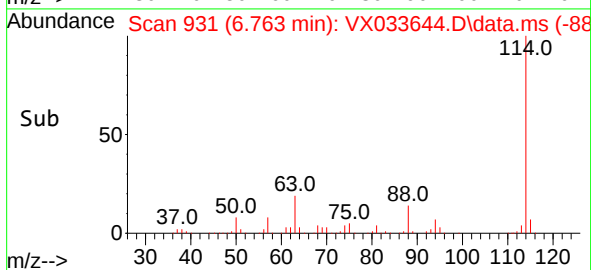
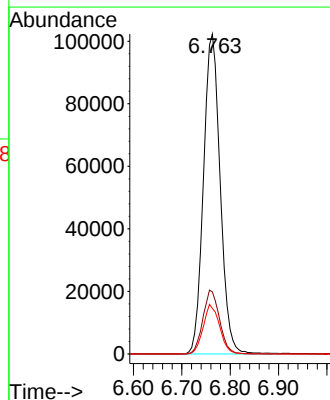
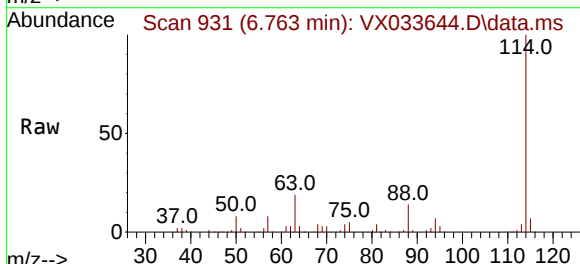
Tgt Ion: 114 Resp: 245514

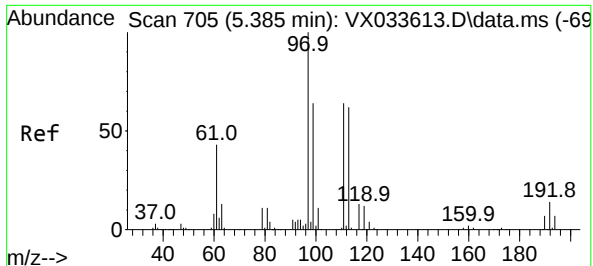
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 14.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.337 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033644.D

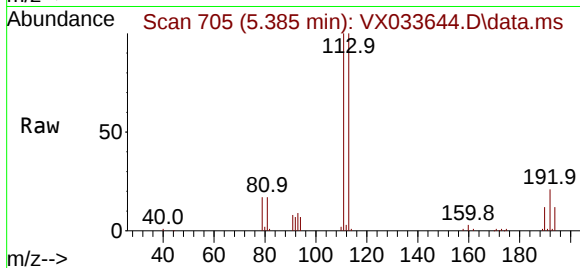
Acq: 06 Jan 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

MARKETST-SILICA



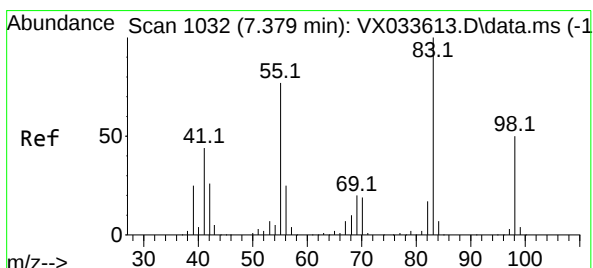
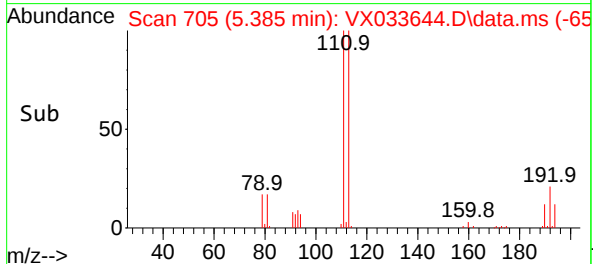
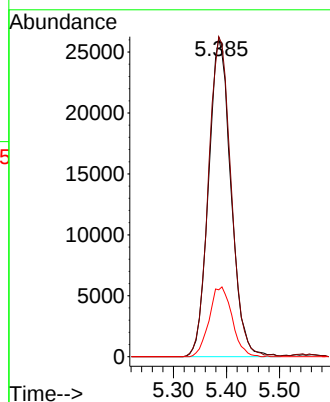
Tgt Ion:113 Resp: 76390

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

192 22.5 18.2 27.2



#39

Methylcyclohexane

Concen: 3.390 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX033644.D

Acq: 06 Jan 2023 20:26

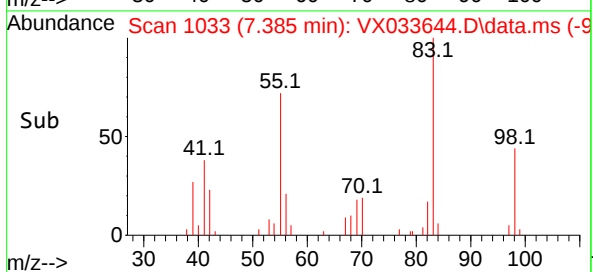
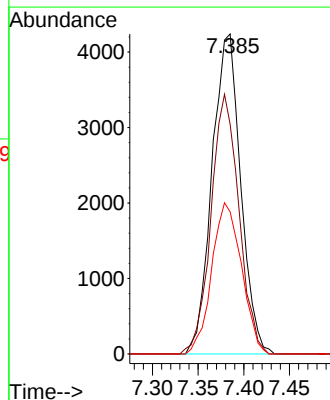
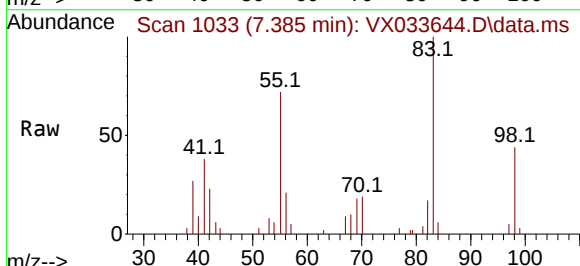
Tgt Ion: 83 Resp: 9251

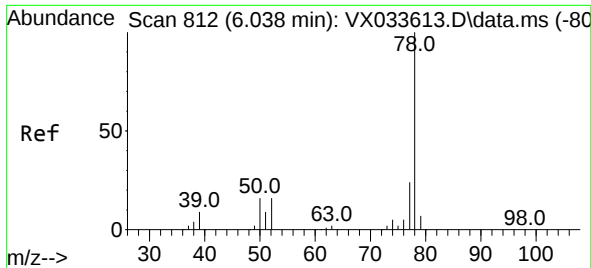
Ion Ratio Lower Upper

83 100

55 71.8 61.4 92.2

98 44.4 40.2 60.2

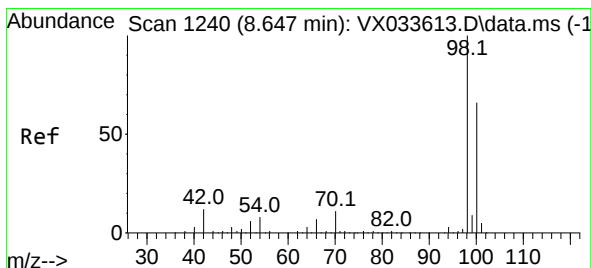
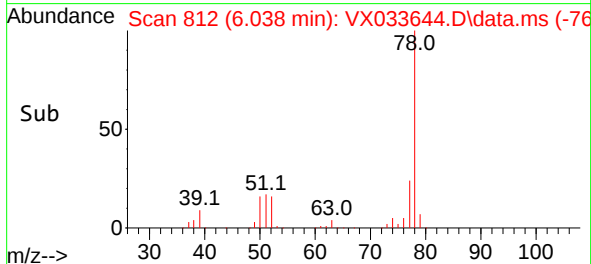
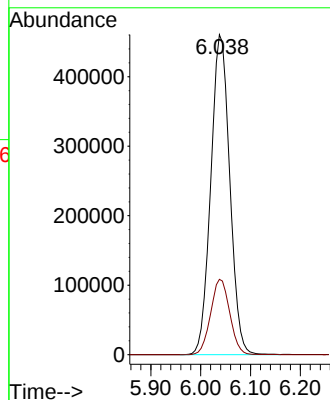
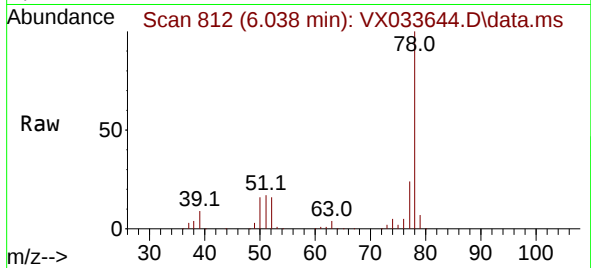




#40
Benzene
Concen: 190.535 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033644.D
Acq: 06 Jan 2023 20:26

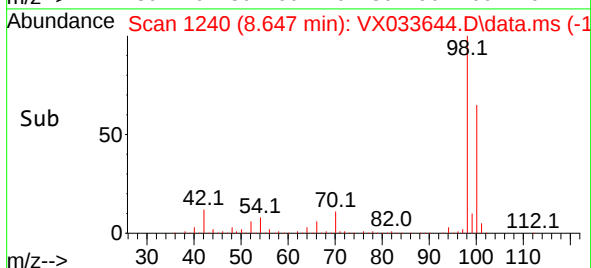
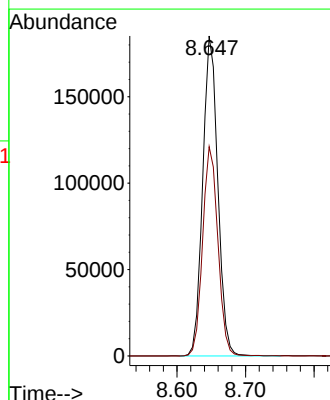
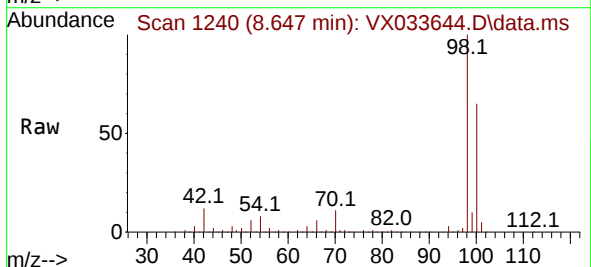
Instrument :
MSVOA_X
ClientSampleId :
MARKETST-SILICA

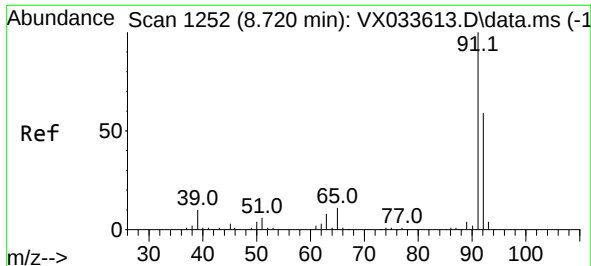
Tgt Ion: 78 Resp: 1217311
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



#50
Toluene-d8
Concen: 49.276 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033644.D
Acq: 06 Jan 2023 20:26

Tgt Ion: 98 Resp: 284222
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4

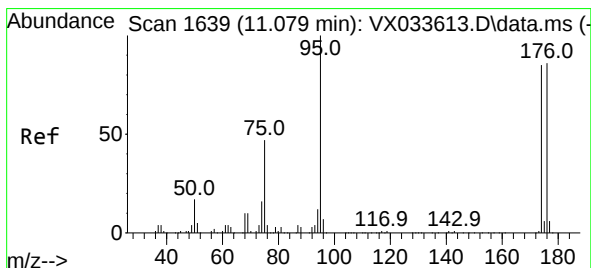
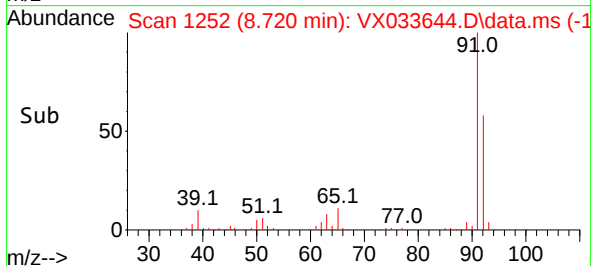
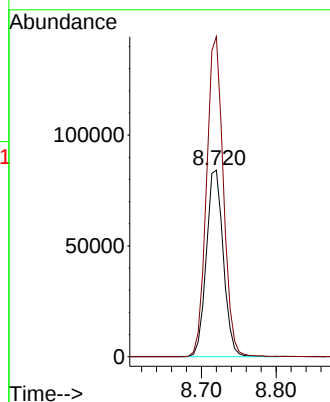
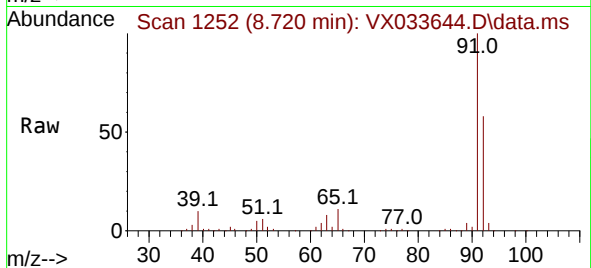




#52
Toluene
Concen: 31.606 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033644.D
Acq: 06 Jan 2023 20:26

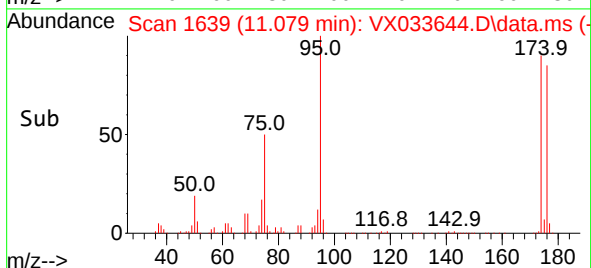
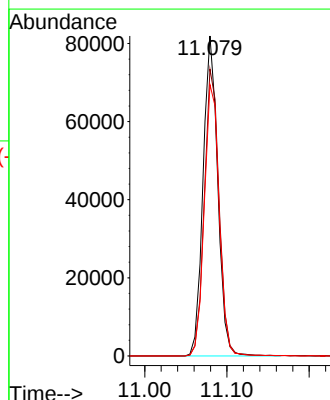
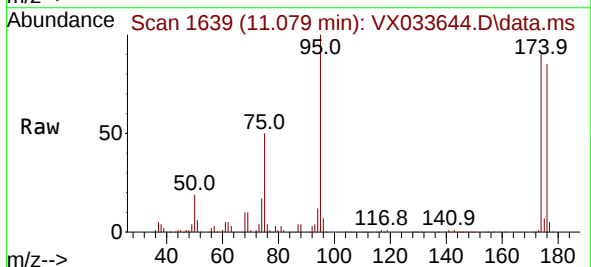
Instrument :
MSVOA_X
ClientSampleId :
MARKETST-SILICA

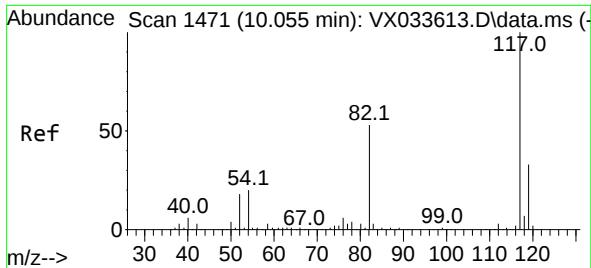
Tgt Ion: 92 Resp: 132757
Ion Ratio Lower Upper
92 100
91 170.0 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 49.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033644.D
Acq: 06 Jan 2023 20:26

Tgt Ion: 95 Resp: 101388
Ion Ratio Lower Upper
95 100
174 90.8 0.0 180.4
176 87.0 0.0 176.2

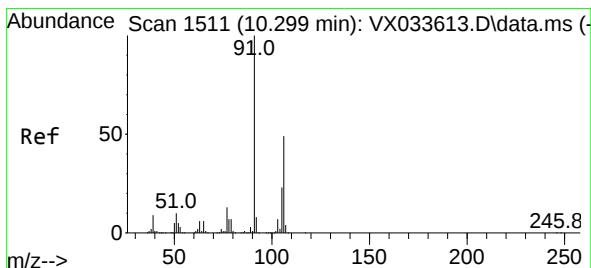
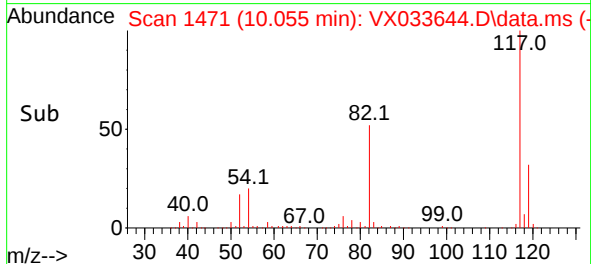
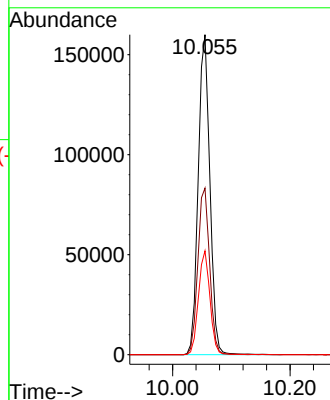
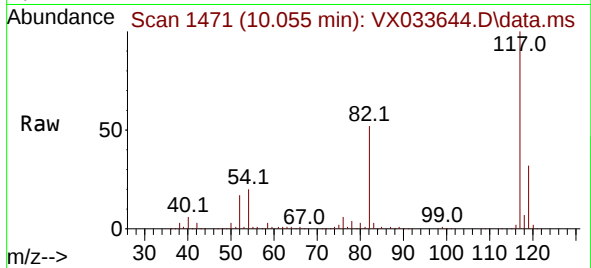




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033644.D
Acq: 06 Jan 2023 20:26

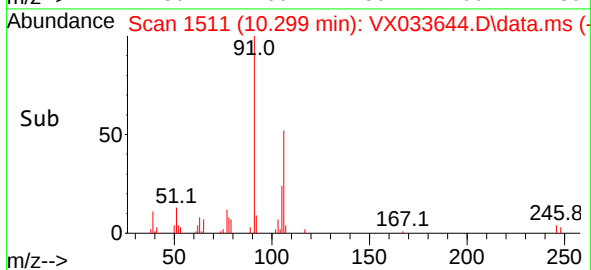
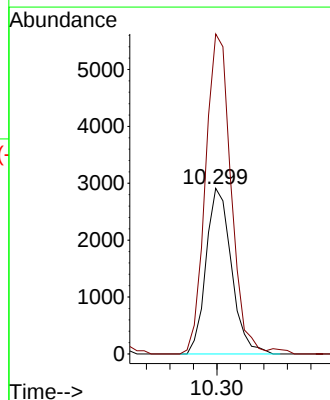
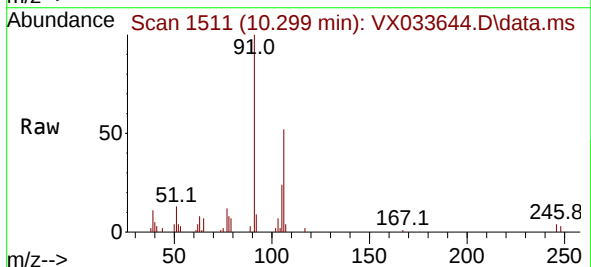
Instrument :
MSVOA_X
ClientSampleId :
MARKETST-SILICA

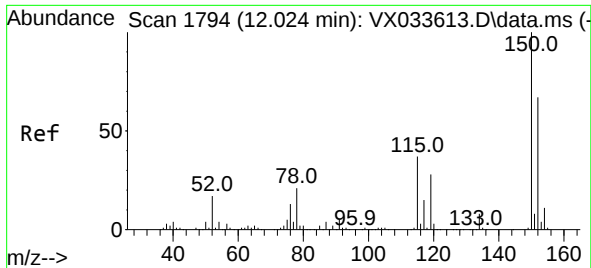
Tgt Ion:117 Resp: 220140
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.2
119 32.5 26.2 39.4



#68
m/p-Xylenes
Concen: 1.422 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033644.D
Acq: 06 Jan 2023 20:26

Tgt Ion:106 Resp: 4365
Ion Ratio Lower Upper
106 100
91 194.1 159.6 239.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033644.D

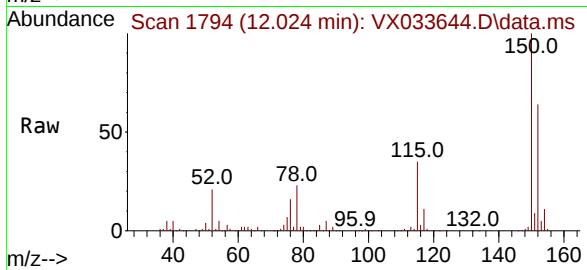
Acq: 06 Jan 2023 20:26

Instrument :

MSVOA_X

ClientSampleId :

MARKETST-SILICA



Tgt Ion:152 Resp: 73045

Ion Ratio Lower Upper

152 100

115 55.4 38.5 115.5

150 157.6 0.0 340.4

