

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032912.D
 Acq On : 17 Nov 2022 19:53
 Operator : JC/MD
 Sample : N5624-01RE 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HTMR-SILICA-1115RE

Quant Time: Nov 18 01:43:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

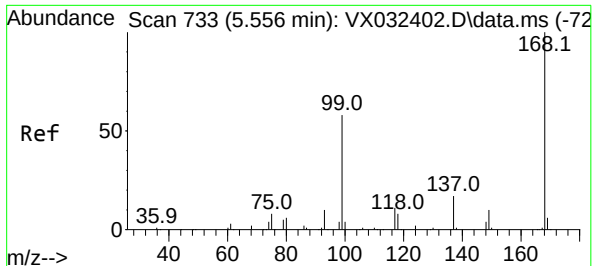
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	109374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77436	50.954	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.900%			
35) Dibromofluoromethane	5.385	113	63381	48.406	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.820%			
50) Toluene-d8	8.647	98	244632	53.731	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.460%			
62) 4-Bromofluorobenzene	11.079	95	112632	63.330	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 126.660%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.007	59	45605	206.176	ug/l #	72
16) Acetone	2.386	43	105640	191.256	ug/l	98
18) Methyl Acetate	2.703	43	16669	9.280	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	38972	10.109	ug/l	99
20) Methylene Chloride	2.794	84	1849	1.460	ug/l #	93
25) 2-Butanone	4.562	43	87932	102.755	ug/l	96
40) Benzene	6.043	78	2812	0.545	ug/l	100
44) Trichloroethene	7.129	130	2361	1.625	ug/l	94
49) 1,4-Dioxane	7.708	88	12475	434.942	ug/l #	50
51) 4-Methyl-2-Pentanone	8.573	43	50023	27.253	ug/l	95
52) Toluene	8.720	92	60224	17.890	ug/l	98
67) Ethyl Benzene	10.195	91	97883	12.899	ug/l	97
68) m/p-Xylenes	10.299	106	193254	65.582	ug/l	99
69) o-Xylene	10.640	106	114652	40.018	ug/l	100
73) Isopropylbenzene	10.963	105	9914	1.213	ug/l	96
78) n-propylbenzene	11.305	91	32808	3.485	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	66941	9.585	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	326824	47.051	ug/l	98
95) Naphthalene	13.780	128	65148	8.047	ug/l	99

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

Quant Time: Nov 18 01:43:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

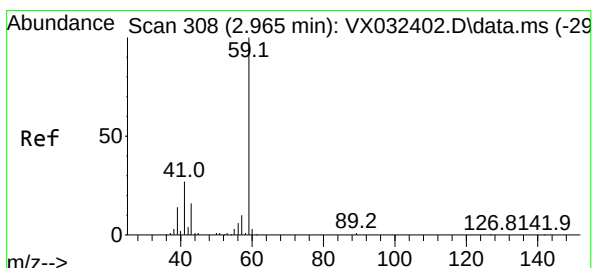
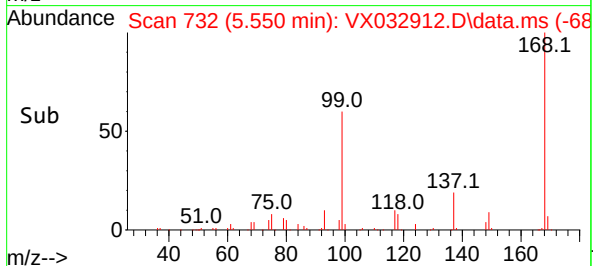
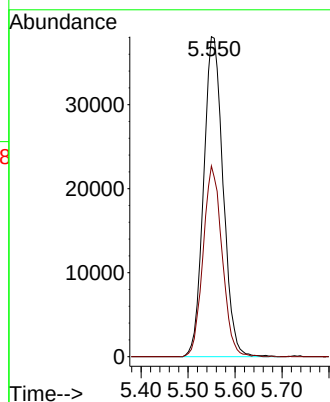
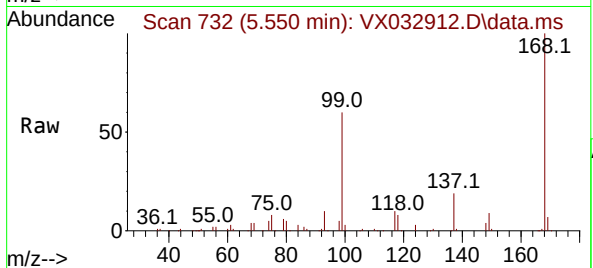




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

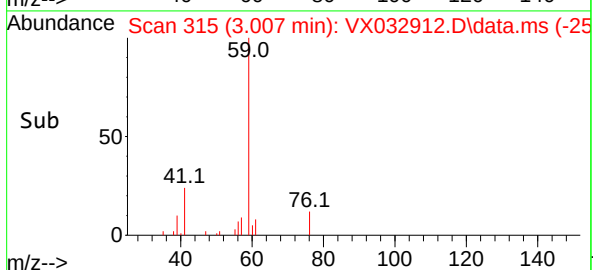
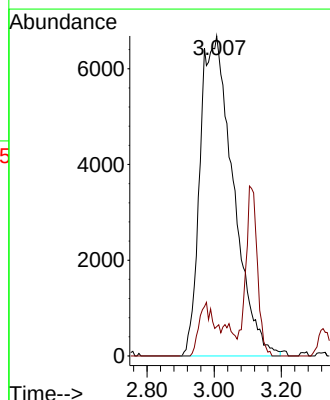
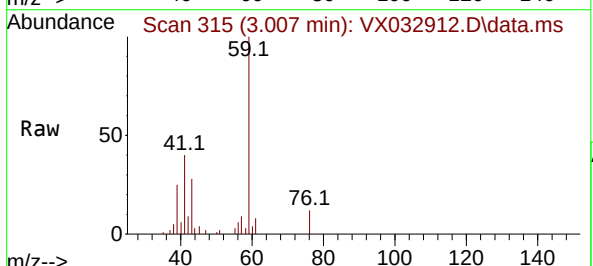
Instrument :
MSVOA_X
ClientSampleId :
HTMR-SILICA-1115RE

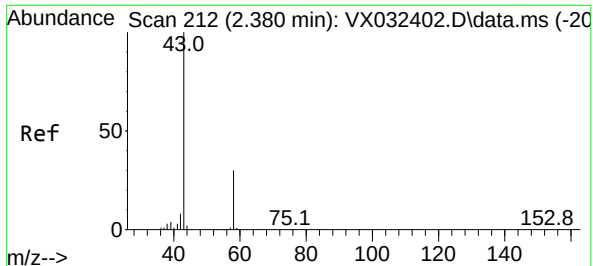
Tgt Ion:168 Resp: 109374
Ion Ratio Lower Upper
168 100
99 59.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 206.176 ug/l
RT: 3.007 min Scan# 315
Delta R.T. 0.043 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

Tgt Ion: 59 Resp: 45605
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

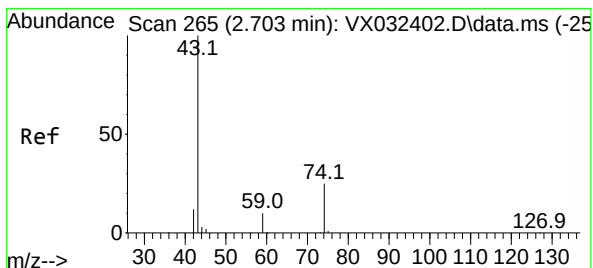
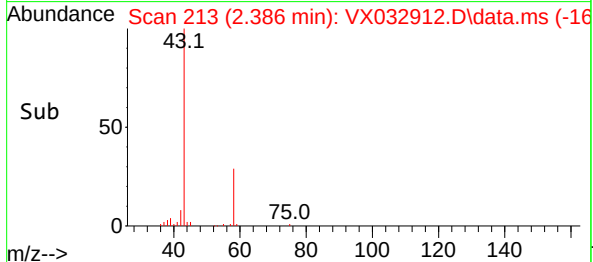
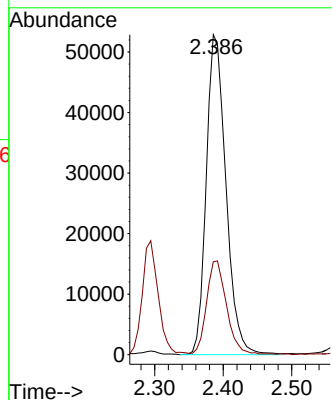
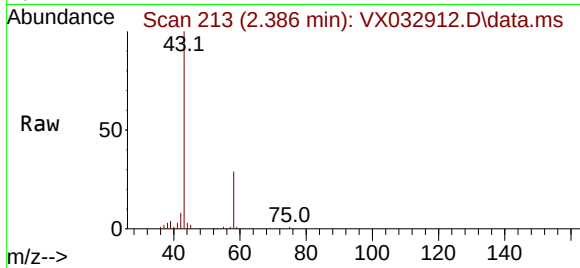




#16
Acetone
Concen: 191.256 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

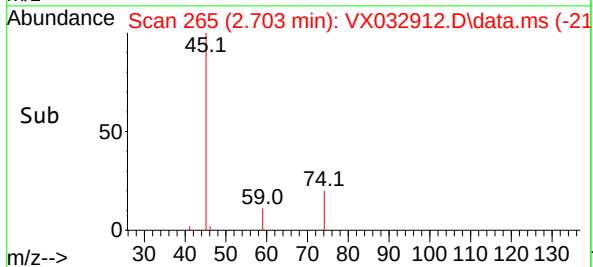
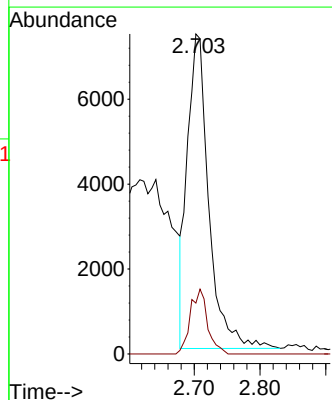
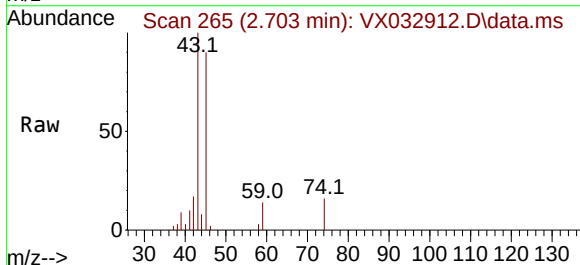
Instrument :
MSVOA_X
ClientSampleId :
HTMR-SILICA-1115RE

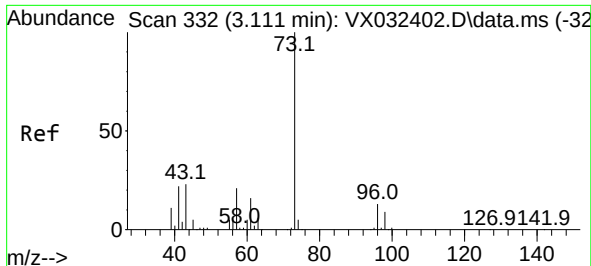
Tgt Ion: 43 Resp: 105640
Ion Ratio Lower Upper
43 100
58 28.8 23.8 35.8



#18
Methyl Acetate
Concen: 9.280 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

Tgt Ion: 43 Resp: 16669
Ion Ratio Lower Upper
43 100
74 16.6 19.4 29.0#

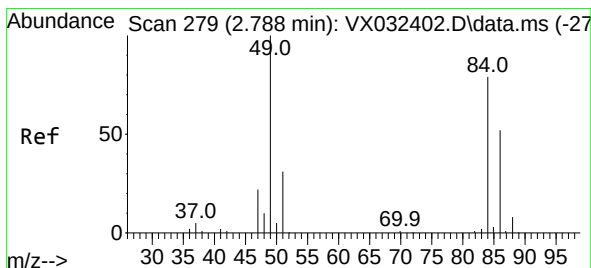
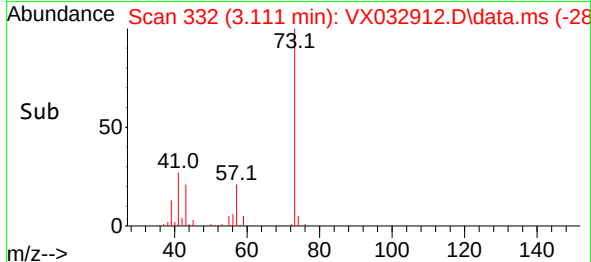
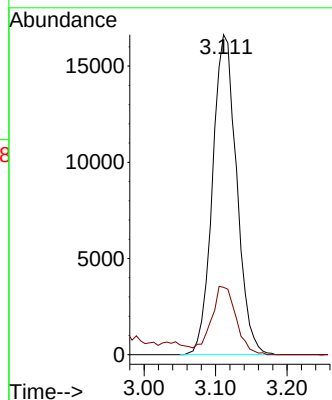
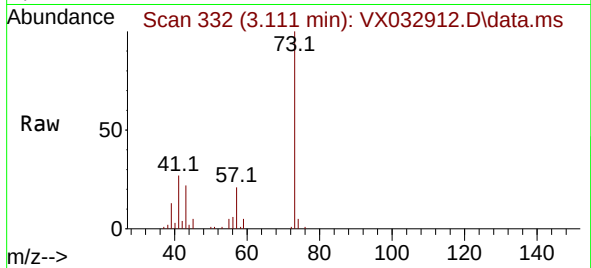




#19
Methyl tert-butyl Ether
Concen: 10.109 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

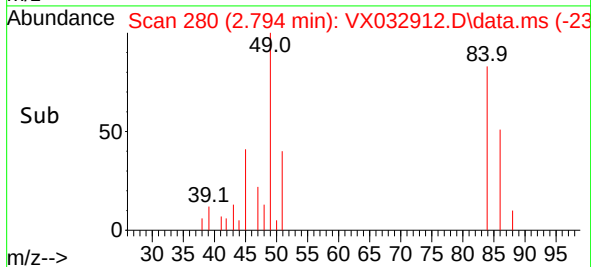
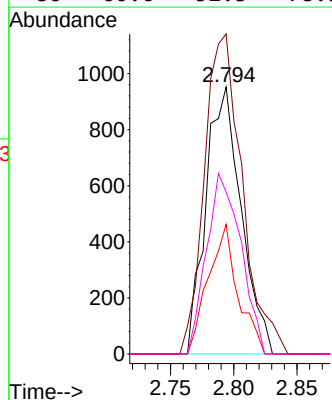
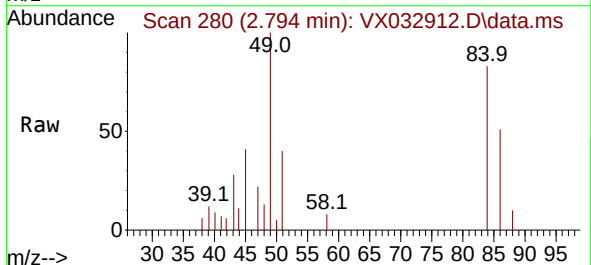
Instrument :
MSVOA_X
ClientSampleId :
HTMR-SILICA-1115RE

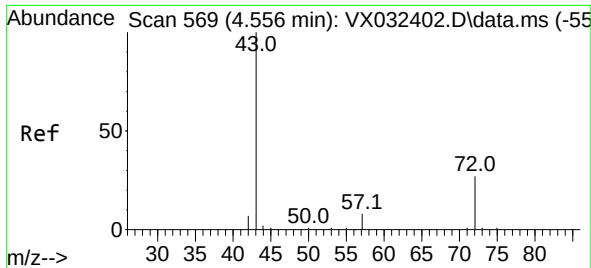
Tgt Ion: 73 Resp: 38972
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0



#20
Methylene Chloride
Concen: 1.460 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

Tgt Ion: 84 Resp: 1849
Ion Ratio Lower Upper
84 100
49 119.9 101.0 151.6
51 48.5 31.1 46.7#
86 60.6 52.3 78.5

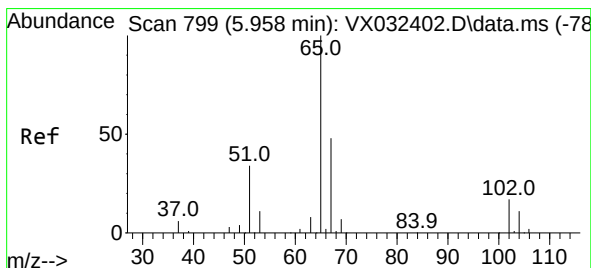
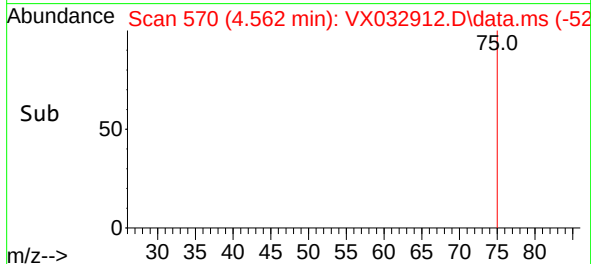
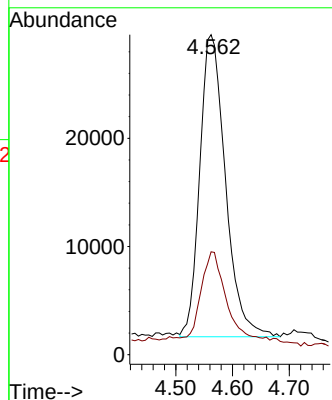
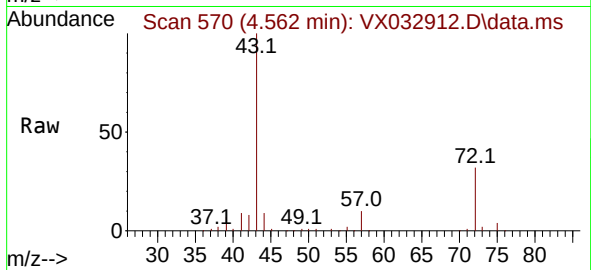




#25
2-Butanone
Concen: 102.755 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

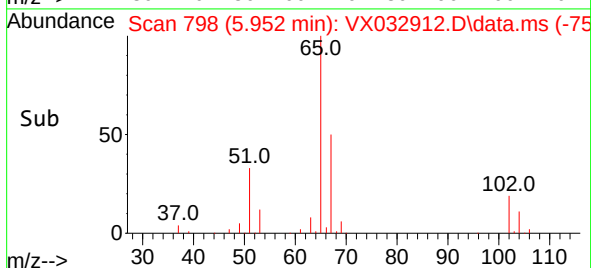
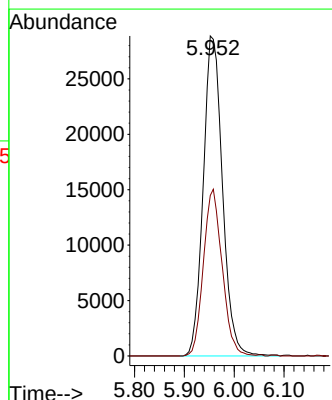
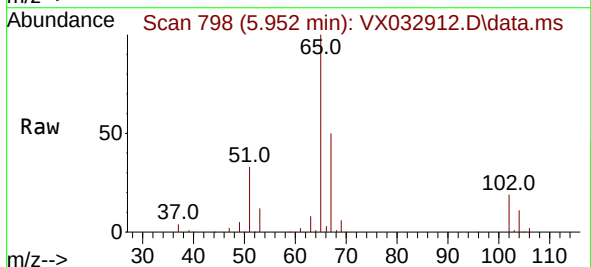
Instrument :
MSVOA_X
ClientSampleId :
HTMR-SILICA-1115RE

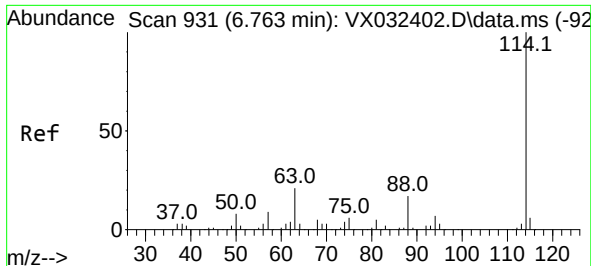
Tgt Ion: 43 Resp: 87932
Ion Ratio Lower Upper
43 100
72 29.6 22.2 33.2



#33
1,2-Dichloroethane-d4
Concen: 50.954 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

Tgt Ion: 65 Resp: 77436
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

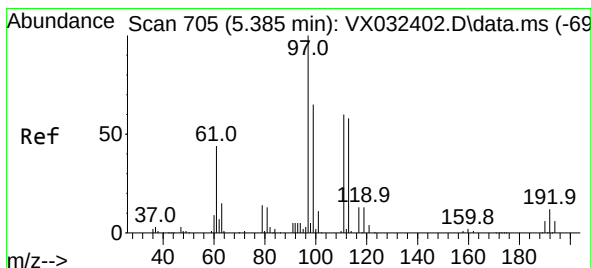
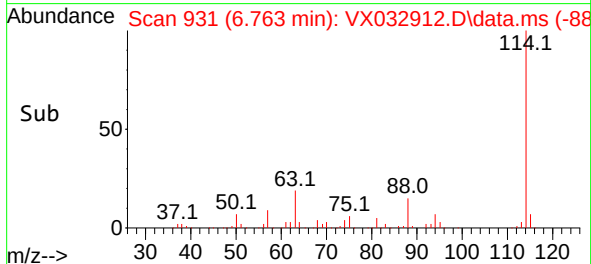
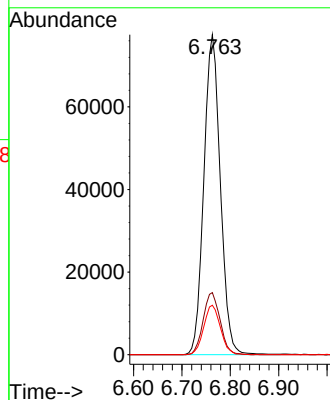
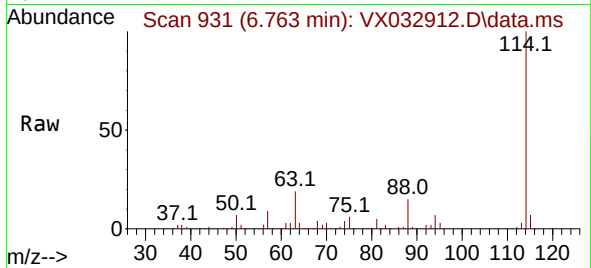




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

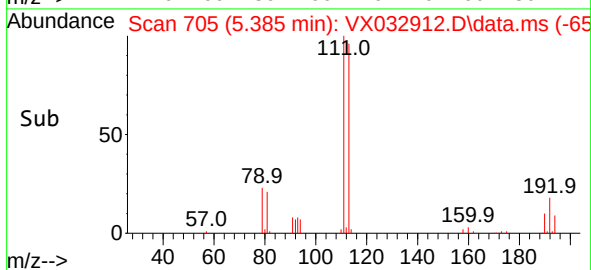
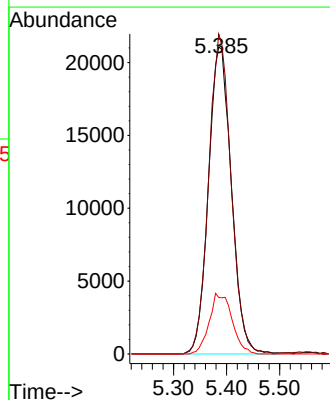
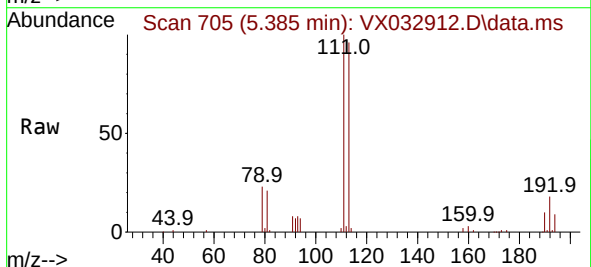
Instrument :
MSVOA_X
ClientSampleId :
HTMR-SILICA-1115RE

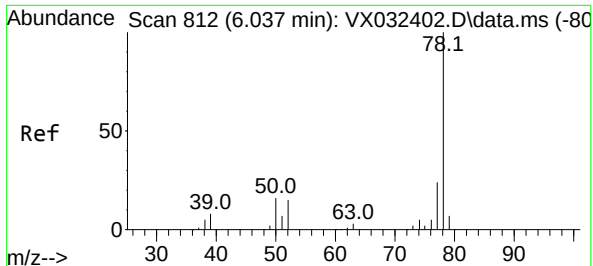
Tgt Ion:114 Resp: 183561
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.406 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

Tgt Ion:113 Resp: 63381
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 19.5 15.4 23.2





#40

Benzene

Concen: 0.545 ug/l

RT: 6.043 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX032912.D

Acq: 17 Nov 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

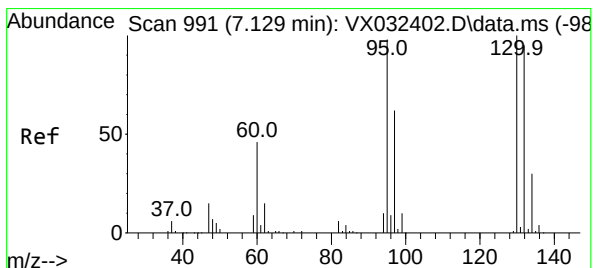
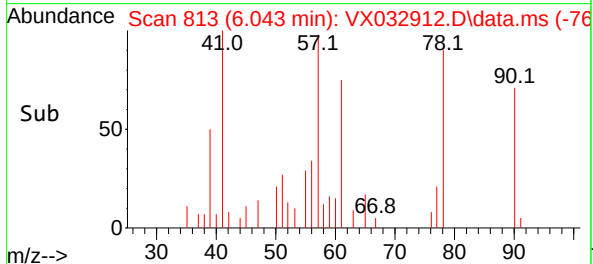
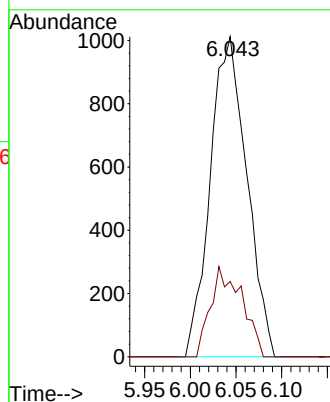
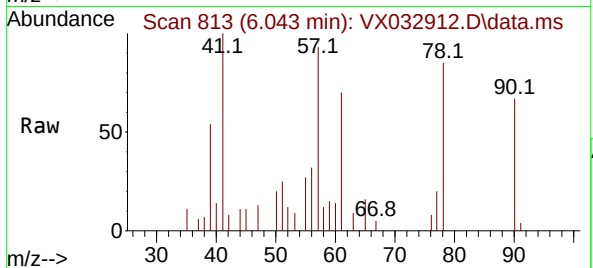
HTMR-SILICA-1115RE

Tgt Ion: 78 Resp: 2812

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4



#44

Trichloroethene

Concen: 1.625 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032912.D

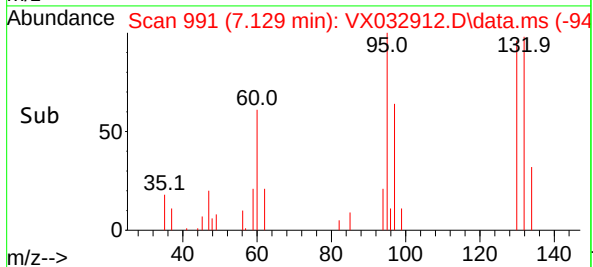
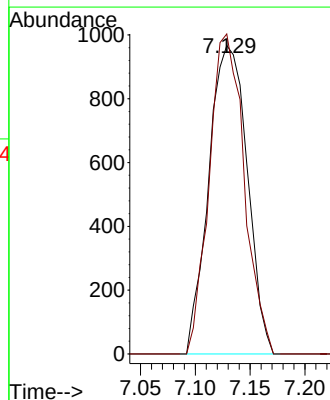
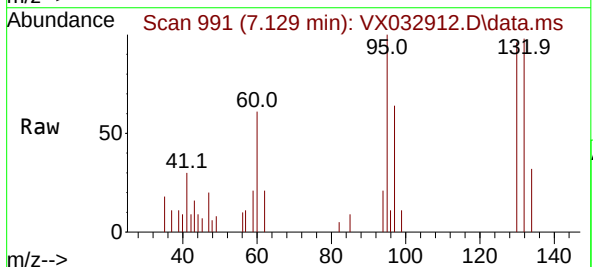
Acq: 17 Nov 2022 19:53

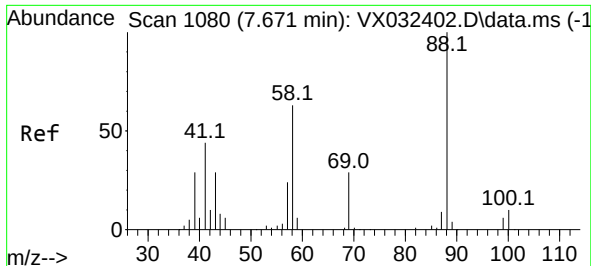
Tgt Ion:130 Resp: 2361

Ion Ratio Lower Upper

130 100

95 103.7 0.0 195.2

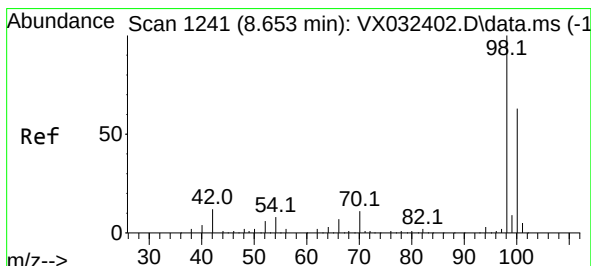
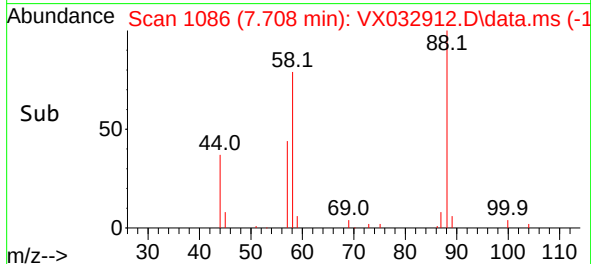
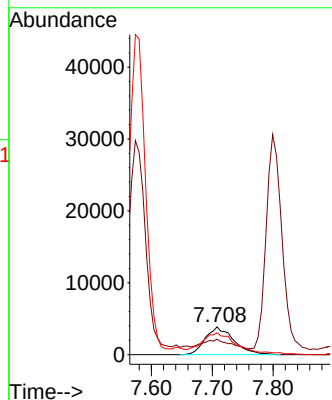
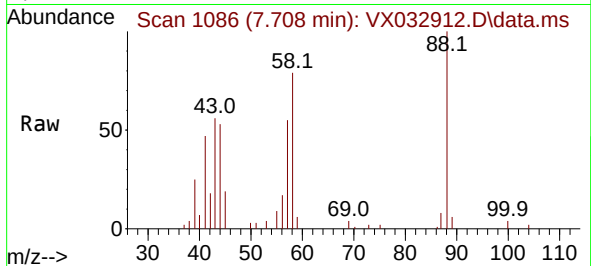




#49
1,4-Dioxane
Concen: 434.942 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.036 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

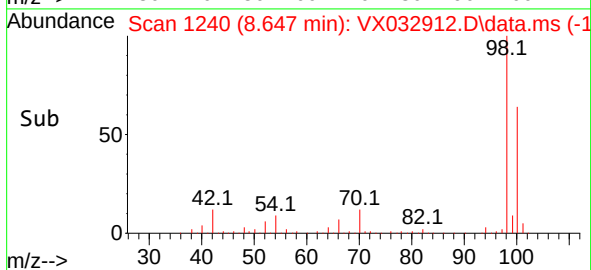
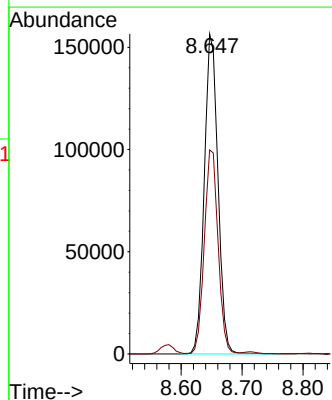
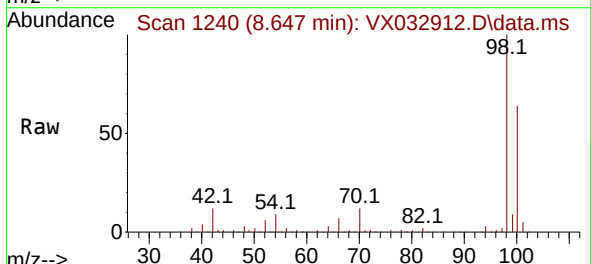
Instrument :
MSVOA_X
ClientSampleId :
HTMR-SILICA-1115RE

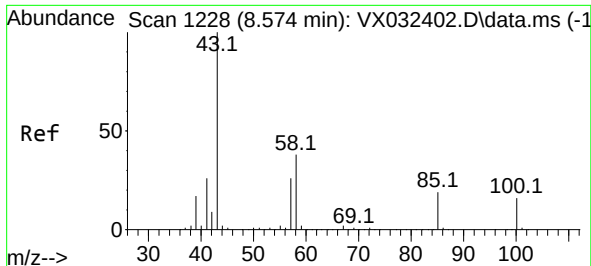
Tgt Ion: 88 Resp: 12475
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 99.9 51.7 77.5#



#50
Toluene-d8
Concen: 53.731 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

Tgt Ion: 98 Resp: 244632
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

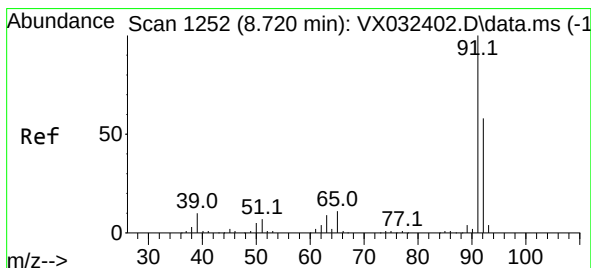
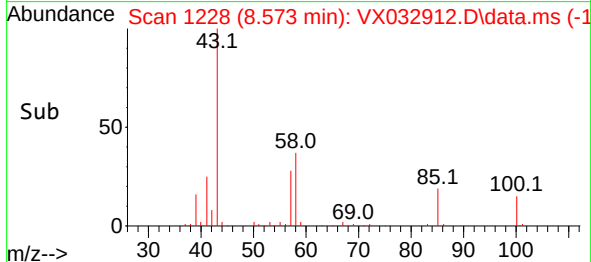
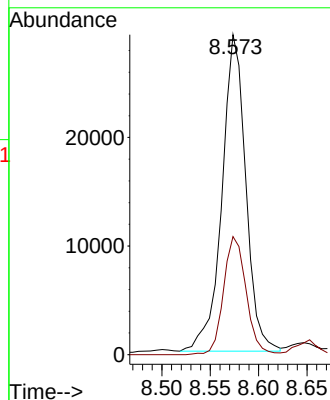
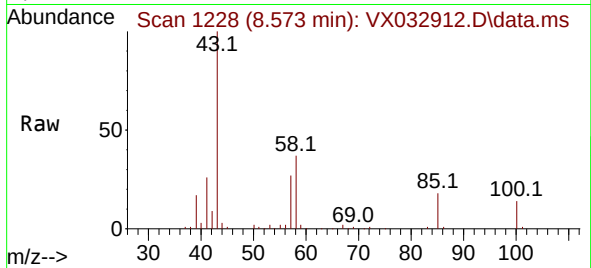




#51
4-Methyl-2-Pentanone
Concen: 27.253 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

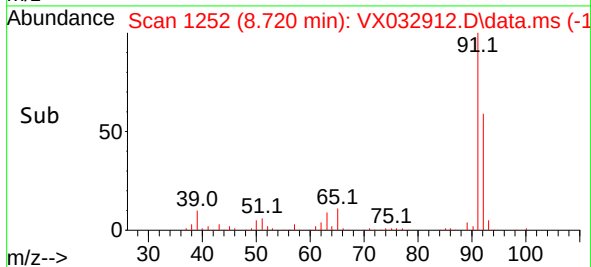
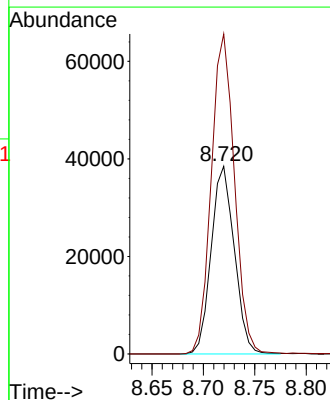
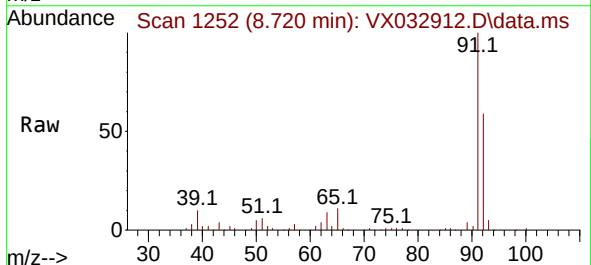
Instrument :
MSVOA_X
ClientSampleId :
HTMR-SILICA-1115RE

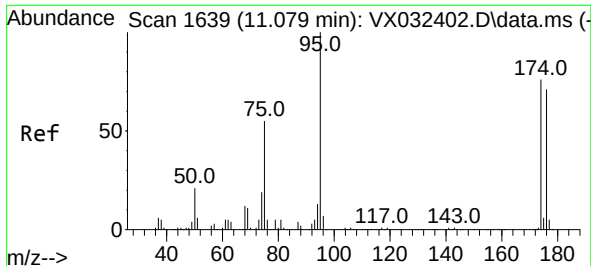
Tgt Ion: 43 Resp: 50023
Ion Ratio Lower Upper
43 100
58 35.3 30.9 46.3



#52
Toluene
Concen: 17.890 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

Tgt Ion: 92 Resp: 60224
Ion Ratio Lower Upper
92 100
91 170.7 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 63.330 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032912.D

Acq: 17 Nov 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

HTMR-SILICA-1115RE

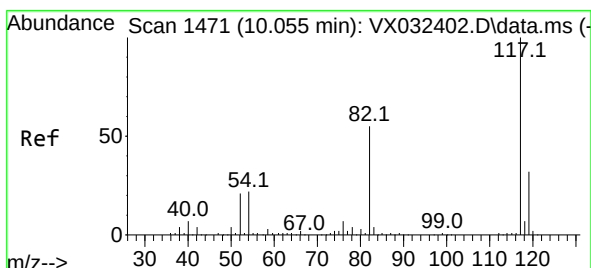
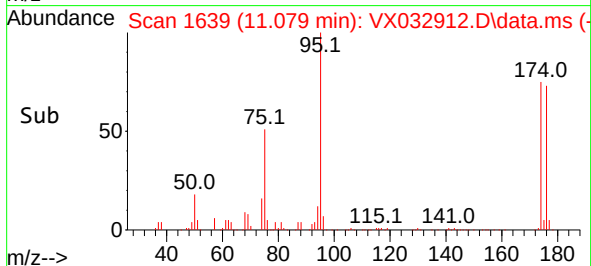
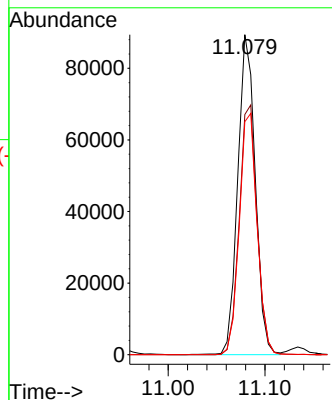
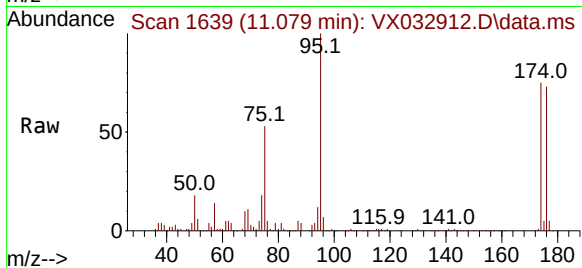
Tgt Ion: 95 Resp: 112632

Ion Ratio Lower Upper

95 100

174 79.5 0.0 164.0

176 76.9 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032912.D

Acq: 17 Nov 2022 19:53

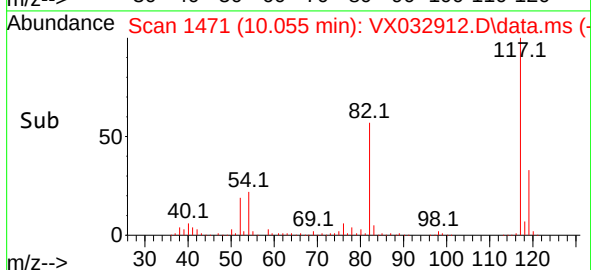
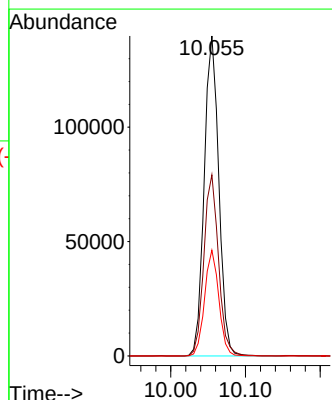
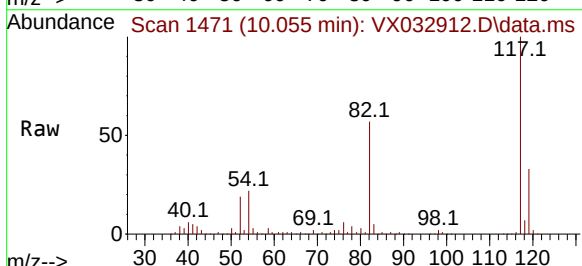
Tgt Ion: 117 Resp: 189446

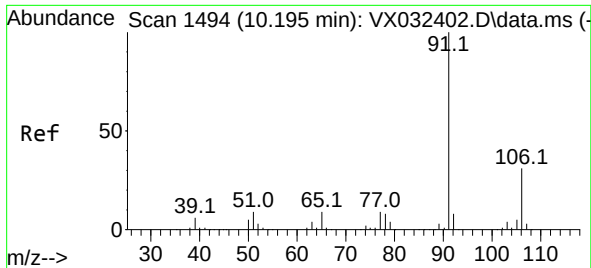
Ion Ratio Lower Upper

117 100

82 56.6 44.3 66.5

119 33.1 25.7 38.5

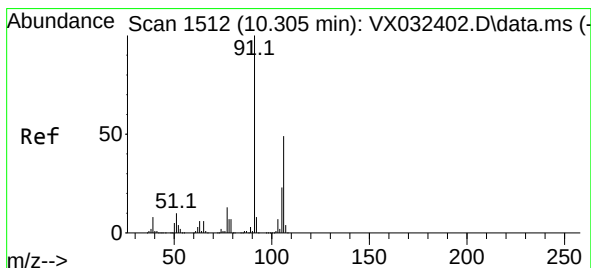
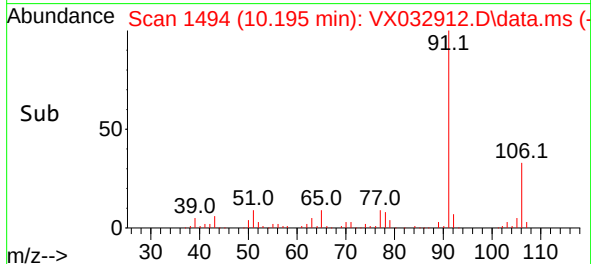
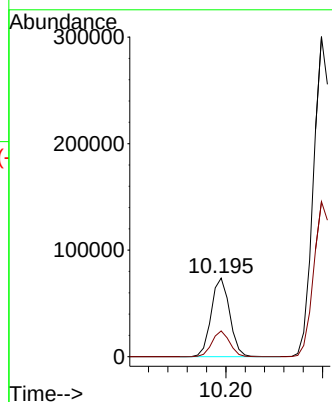
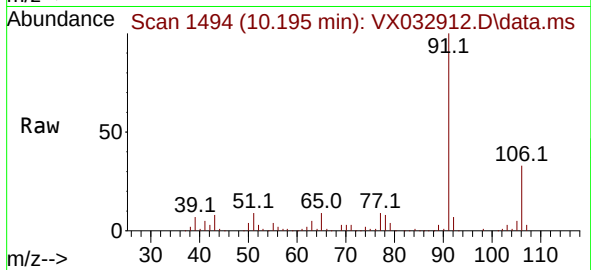




#67
Ethyl Benzene
Concen: 12.899 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

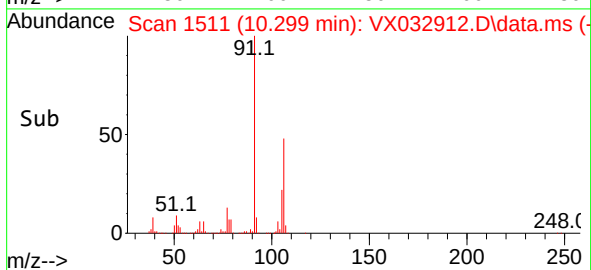
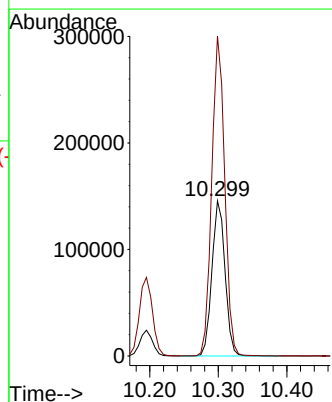
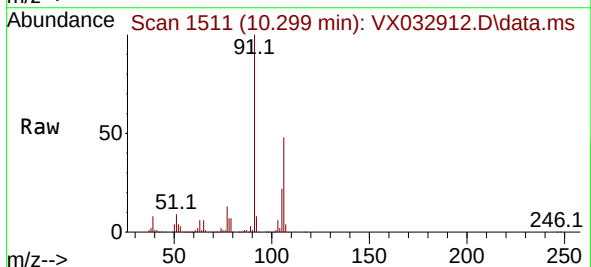
Instrument :
MSVOA_X
ClientSampleId :
HTMR-SILICA-1115RE

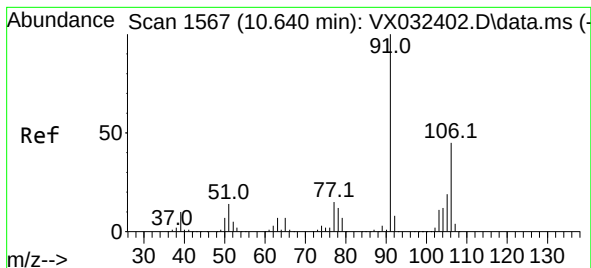
Tgt Ion: 91 Resp: 97883
Ion Ratio Lower Upper
91 100
106 32.7 25.0 37.6



#68
m/p-Xylenes
Concen: 65.582 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

Tgt Ion:106 Resp: 193254
Ion Ratio Lower Upper
106 100
91 204.7 164.5 246.7





#69

o-Xylene

Concen: 40.018 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032912.D

Acq: 17 Nov 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

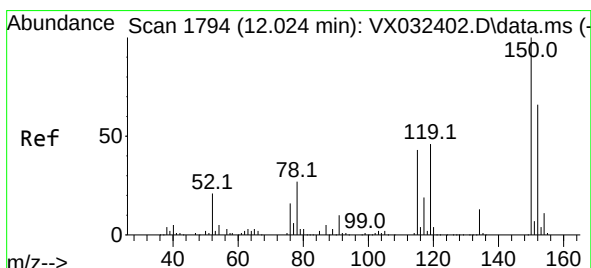
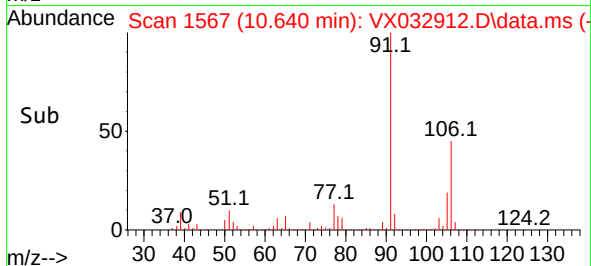
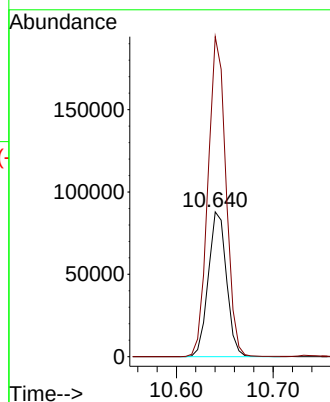
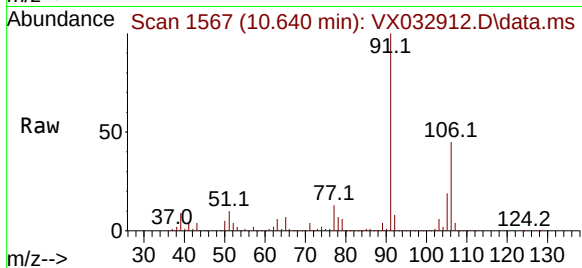
HTMR-SILICA-1115RE

Tgt Ion:106 Resp: 114652

Ion Ratio Lower Upper

106 100

91 218.2 109.2 327.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX032912.D

Acq: 17 Nov 2022 19:53

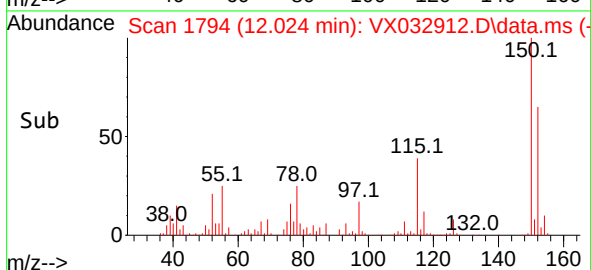
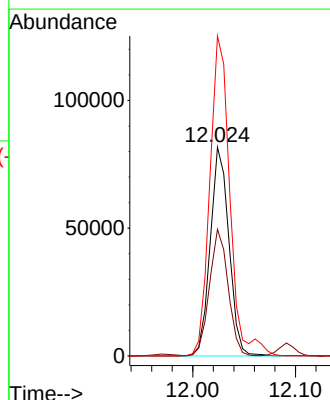
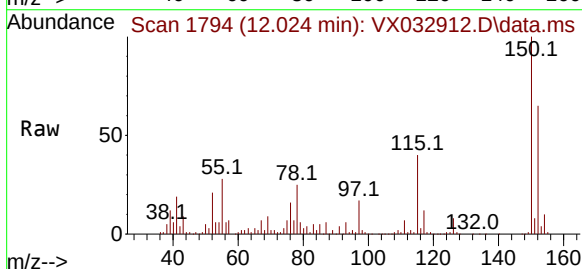
Tgt Ion:152 Resp: 103122

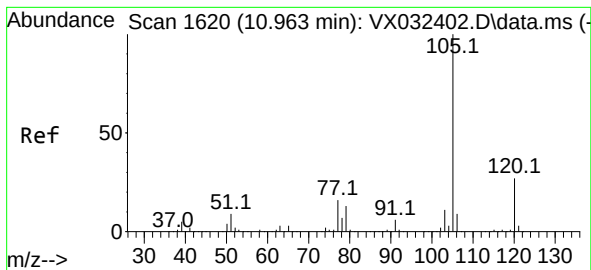
Ion Ratio Lower Upper

152 100

115 60.3 44.0 132.0

150 164.3 0.0 351.8





#73

Isopropylbenzene

Concen: 1.213 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX032912.D

Acq: 17 Nov 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

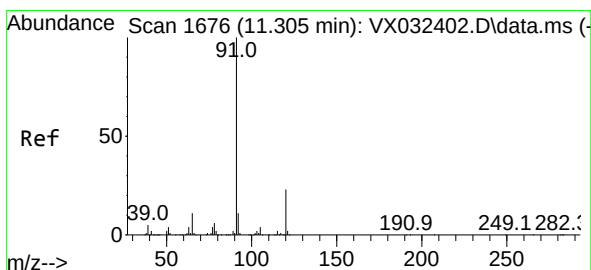
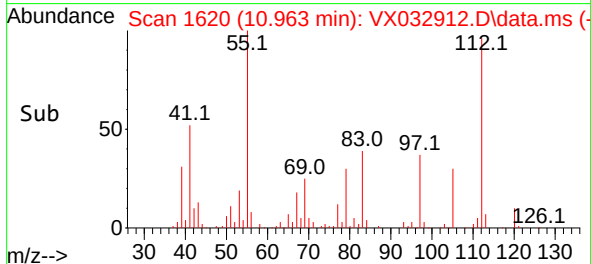
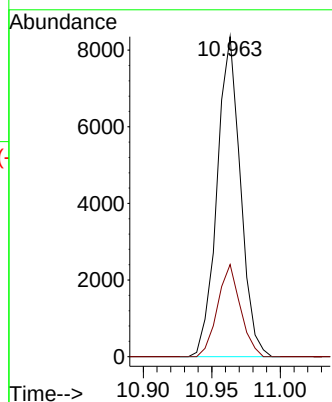
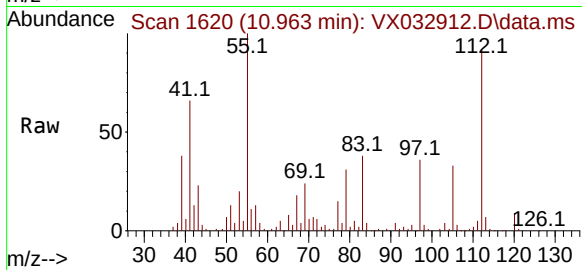
HTMR-SILICA-1115RE

Tgt Ion:105 Resp: 9914

Ion Ratio Lower Upper

105 100

120 28.0 13.1 39.3



#78

n-propylbenzene

Concen: 3.485 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX032912.D

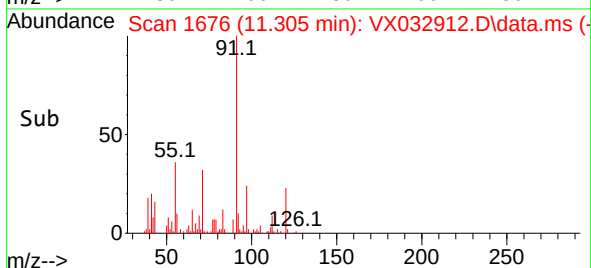
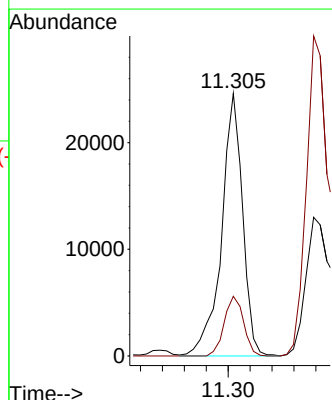
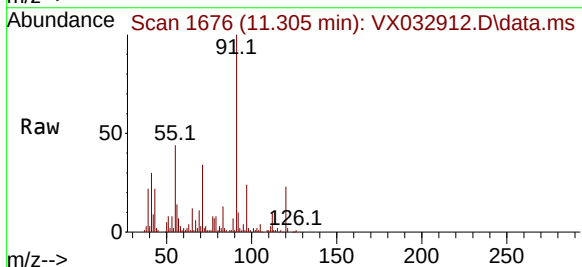
Acq: 17 Nov 2022 19:53

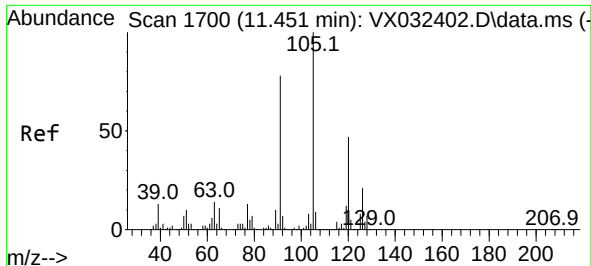
Tgt Ion: 91 Resp: 32808

Ion Ratio Lower Upper

91 100

120 20.9 11.6 34.8

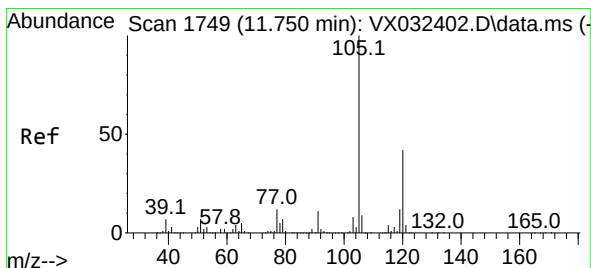
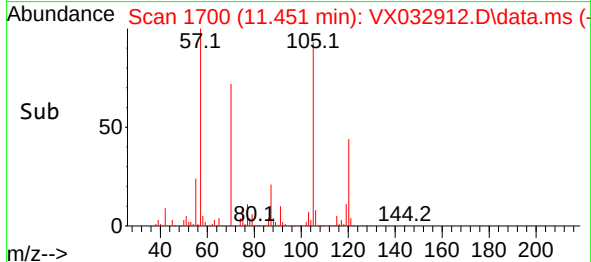
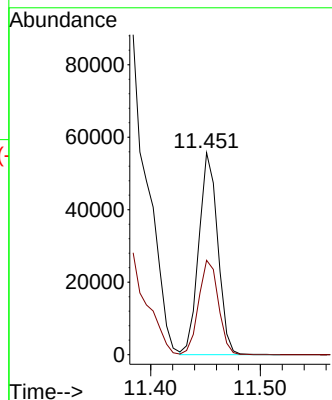
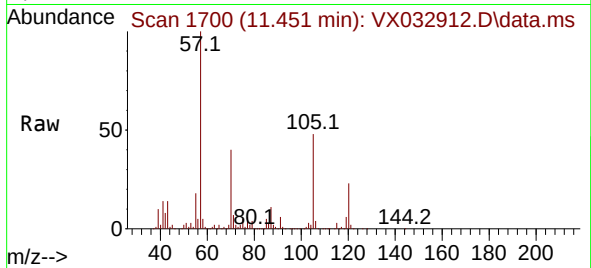




#80
1,3,5-Trimethylbenzene
Concen: 9.585 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

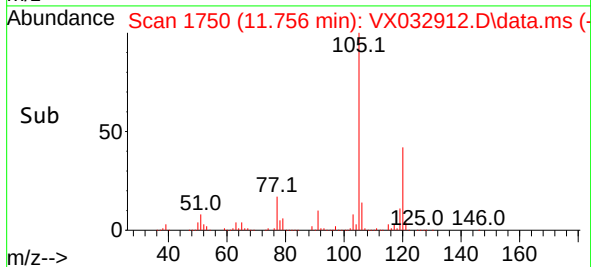
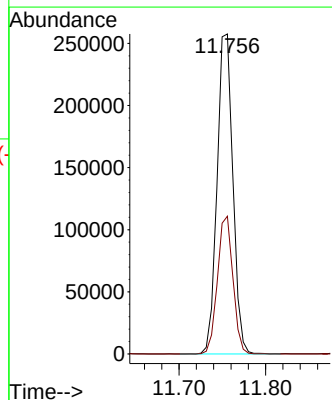
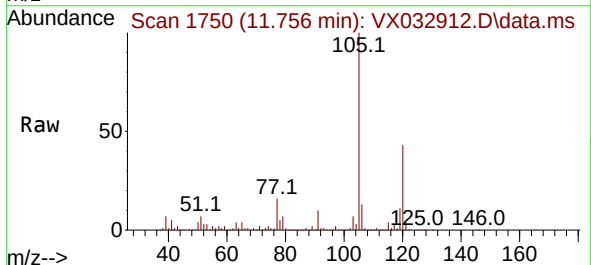
Instrument :
MSVOA_X
ClientSampleId :
HTMR-SILICA-1115RE

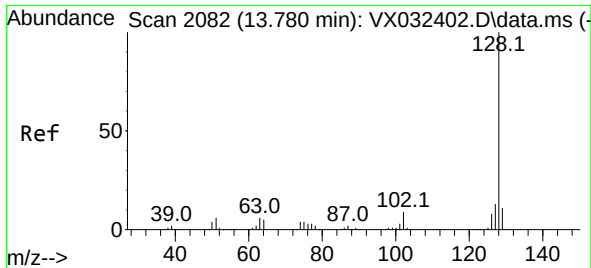
Tgt Ion:105 Resp: 66941
Ion Ratio Lower Upper
105 100
120 48.6 23.6 71.0



#84
1,2,4-Trimethylbenzene
Concen: 47.051 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032912.D
Acq: 17 Nov 2022 19:53

Tgt Ion:105 Resp: 326824
Ion Ratio Lower Upper
105 100
120 42.2 21.9 65.5





#95

Naphthalene

Concen: 8.047 ug/l

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX032912.D

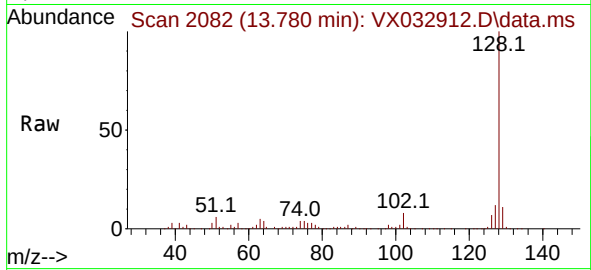
Acq: 17 Nov 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

HTMR-SILICA-1115RE



Tgt Ion:	128	Resp:	65148
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	11.0	8.9	13.3

