

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032880.D
 Acq On : 16 Nov 2022 19:52
 Operator : JC/MD
 Sample : N5627-02 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WAMR-SILICA-1115-B

Quant Time: Nov 17 05:44:48 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

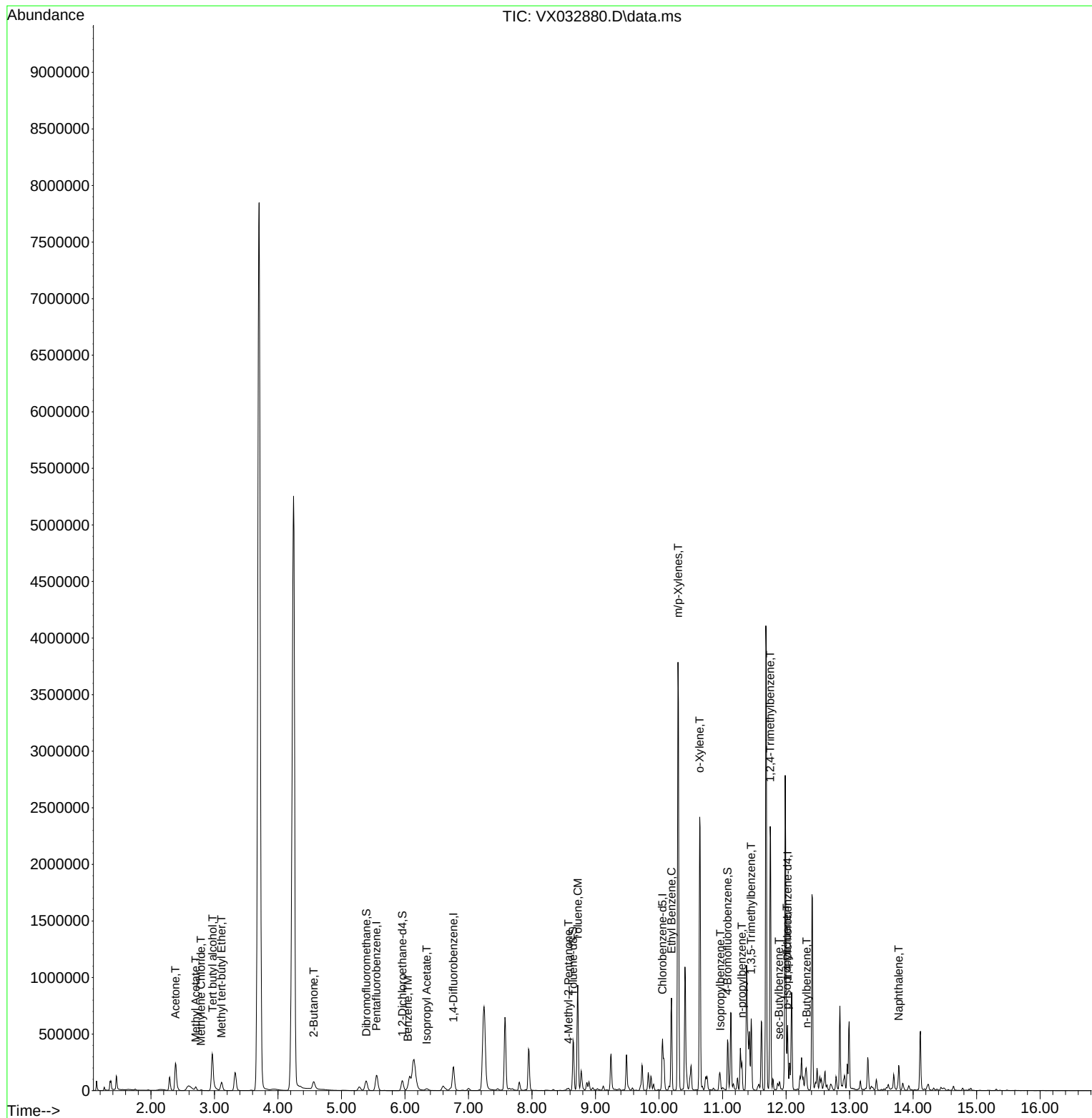
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	130098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87560	48.438	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.880%
35) Dibromofluoromethane	5.391	113	74528	47.600	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	8.647	98	271744	49.913	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.820%
62) 4-Bromofluorobenzene	11.079	95	116791	54.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	87519	332.638	ug/l #	89
16) Acetone	2.386	43	300466	457.325	ug/l	99
18) Methyl Acetate	2.703	43	36701	17.178	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	80242	17.498	ug/l	96
20) Methylene Chloride	2.788	84	2715	1.802	ug/l	96
25) 2-Butanone	4.562	43	115006	112.985	ug/l	97
40) Benzene	6.043	78	21069	3.415	ug/l	100
43) Isopropyl Acetate	6.342	43	15228	4.370	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	17081	7.782	ug/l #	84
52) Toluene	8.720	92	344743	85.641	ug/l	99
67) Ethyl Benzene	10.195	91	464633	56.966	ug/l	99
68) m/p-Xylenes	10.299	106	890431	281.147	ug/l	97
69) o-Xylene	10.640	106	538875	174.998	ug/l	97
73) Isopropylbenzene	10.963	105	53805	6.207	ug/l	100
78) n-propylbenzene	11.305	91	137602	13.778	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	246523	33.277	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1042017	141.420	ug/l	98
85) sec-Butylbenzene	11.890	105	13182m	1.481	ug/l	
86) p-Isopropyltoluene	12.012	119	9767	1.293	ug/l #	73
89) n-Butylbenzene	12.323	91	22422	3.413	ug/l #	19
95) Naphthalene	13.774	128	133217	15.513	ug/l	100

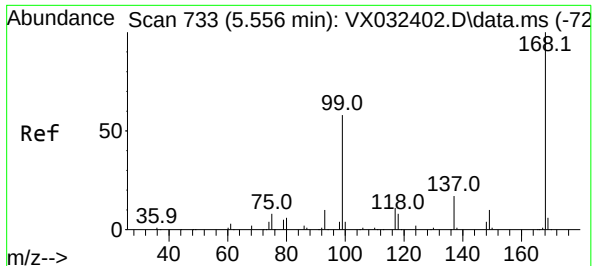
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
Data File : VX032880.D
Acq On : 16 Nov 2022 19:52
Operator : JC/MD
Sample : N5627-02 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

Quant Time: Nov 17 05:44:48 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

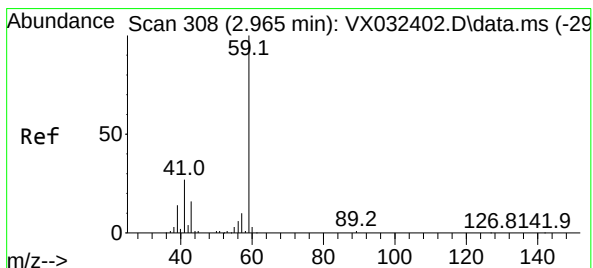
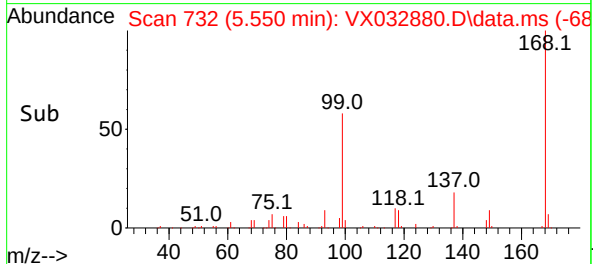
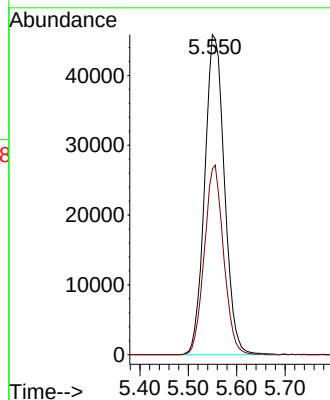
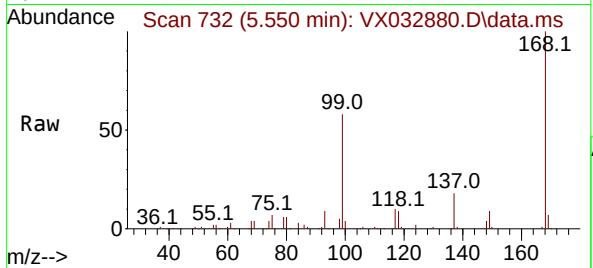




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

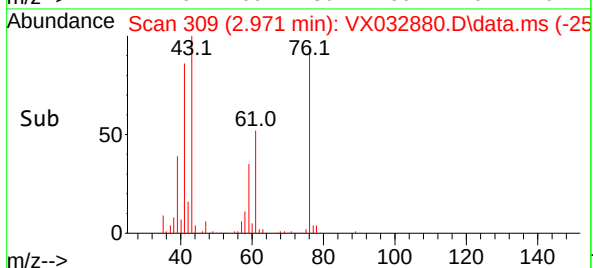
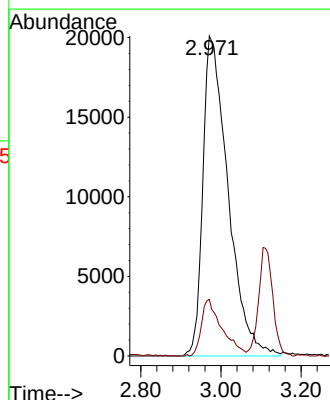
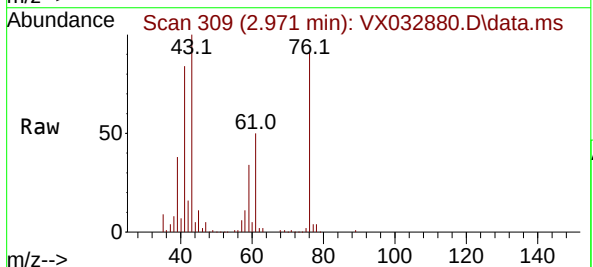
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

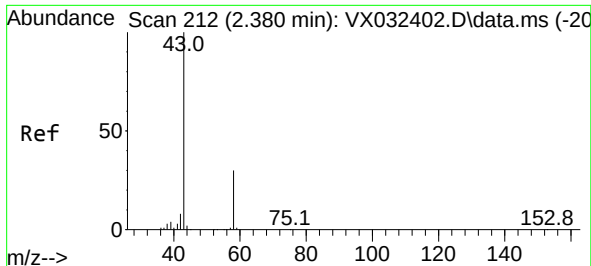
Tgt Ion:168 Resp: 130098
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 332.638 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.006 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Tgt Ion: 59 Resp: 87519
Ion Ratio Lower Upper
59 100
57 14.5 8.2 12.4#

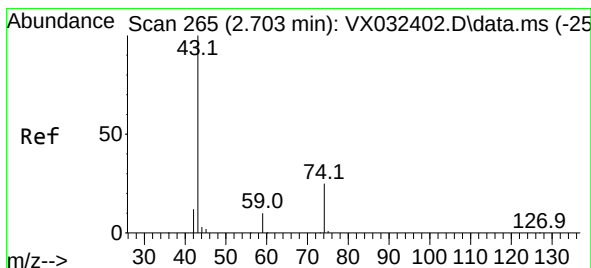
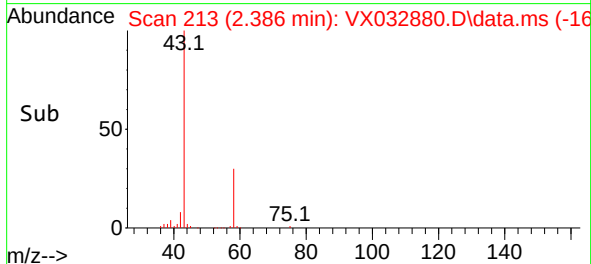
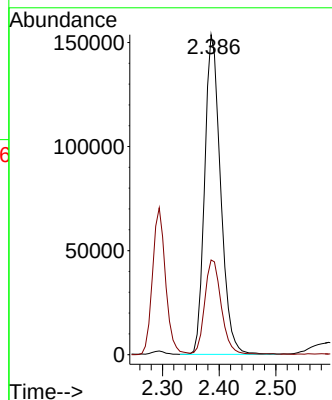
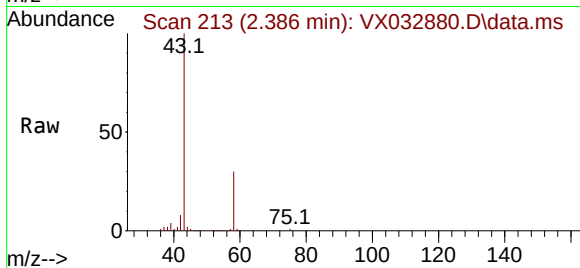




#16
Acetone
Concen: 457.325 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

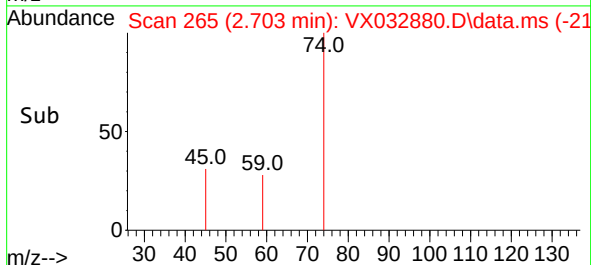
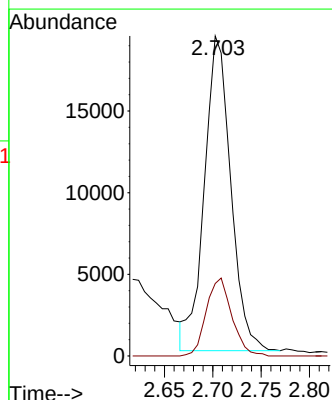
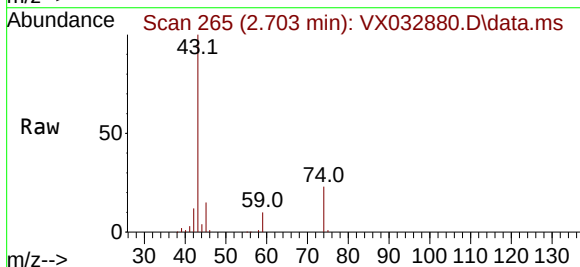
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

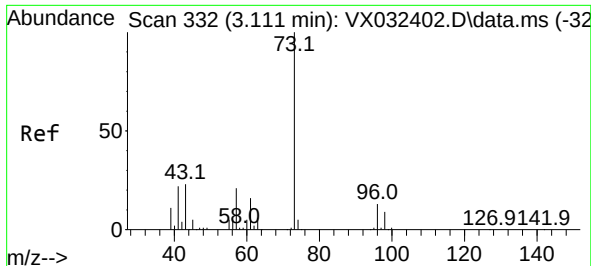
Tgt Ion: 43 Resp: 300466
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.8



#18
Methyl Acetate
Concen: 17.178 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Tgt Ion: 43 Resp: 36701
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.0

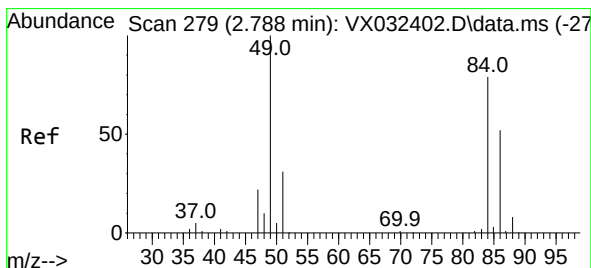
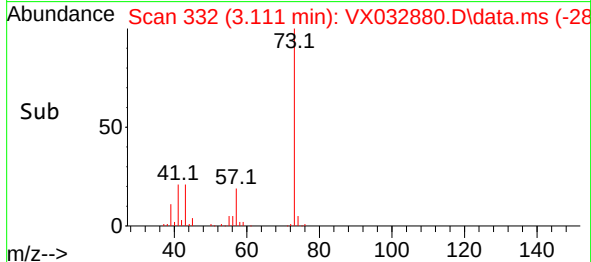
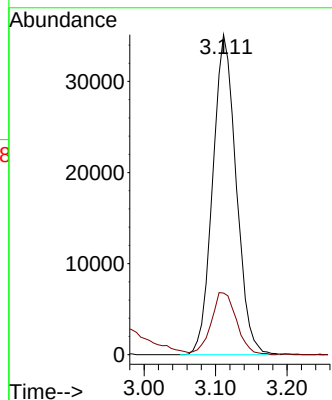
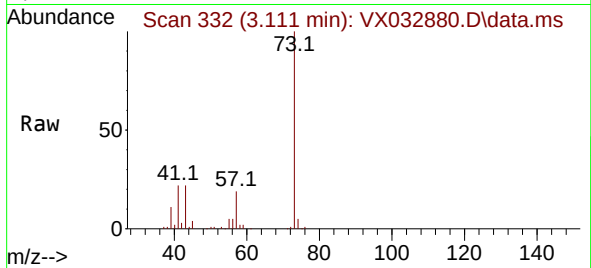




#19
Methyl tert-butyl Ether
Concen: 17.498 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

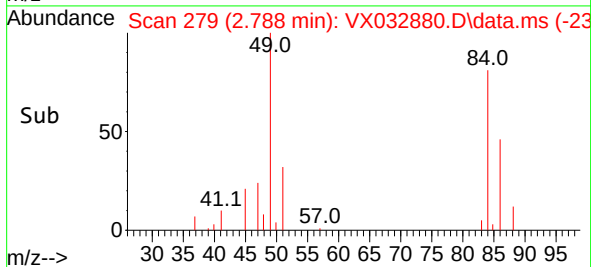
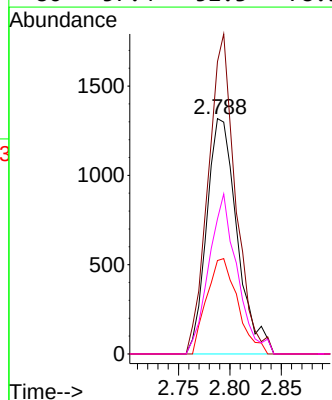
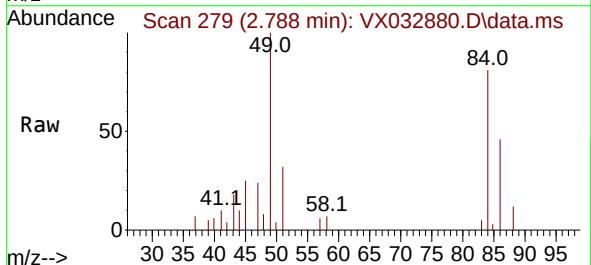
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

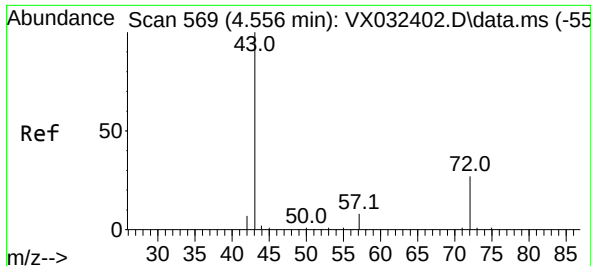
Tgt Ion: 73 Resp: 80242
Ion Ratio Lower Upper
73 100
57 19.0 16.6 25.0



#20
Methylene Chloride
Concen: 1.802 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Tgt Ion: 84 Resp: 2715
Ion Ratio Lower Upper
84 100
49 124.2 101.0 151.6
51 39.7 31.1 46.7
86 57.4 52.3 78.5

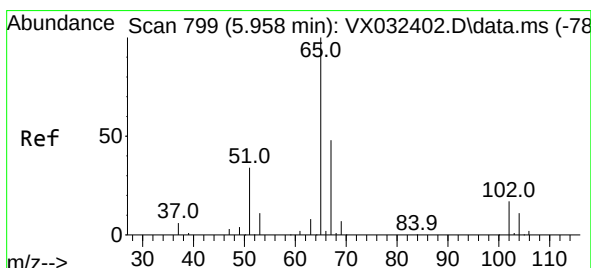
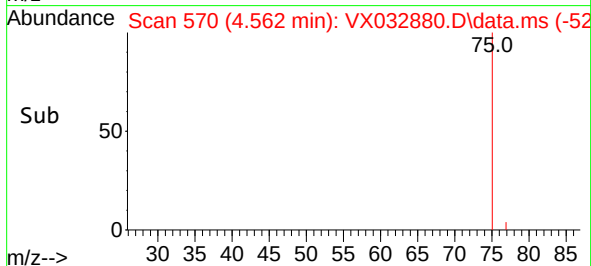
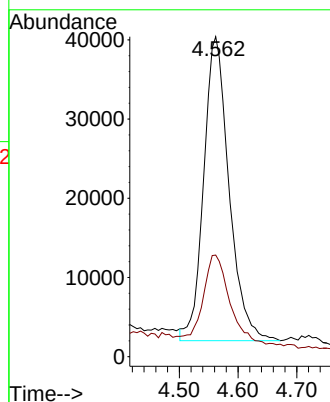
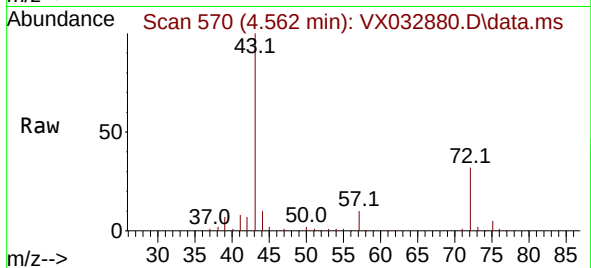




#25
2-Butanone
Concen: 112.985 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

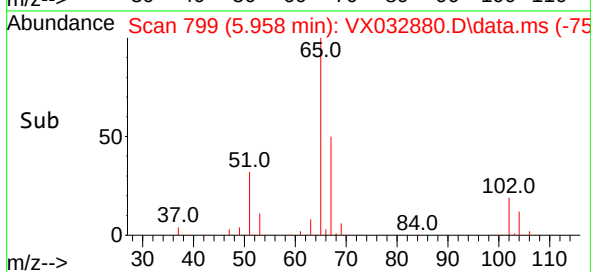
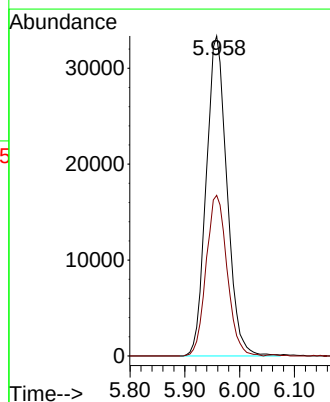
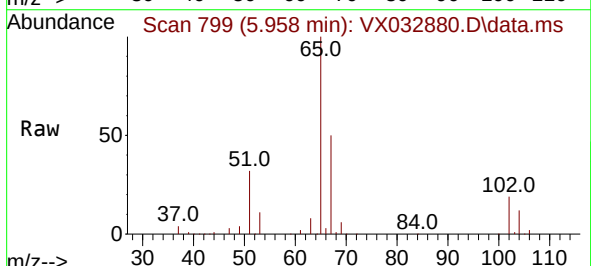
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

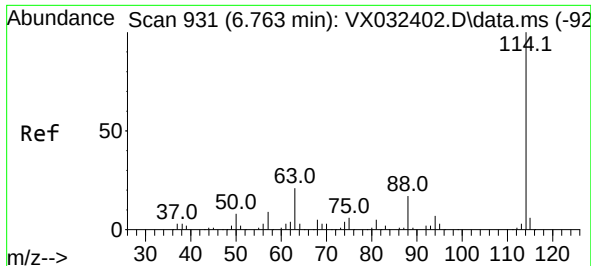
Tgt Ion: 43 Resp: 115006
Ion Ratio Lower Upper
43 100
72 29.3 22.2 33.2



#33
1,2-Dichloroethane-d4
Concen: 48.438 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Tgt Ion: 65 Resp: 87560
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

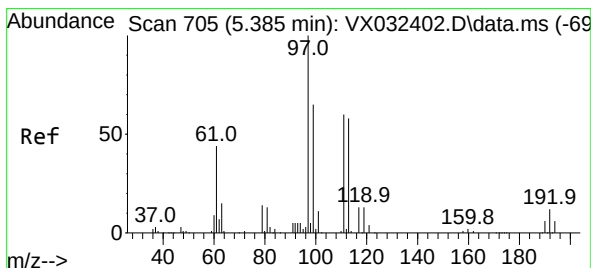
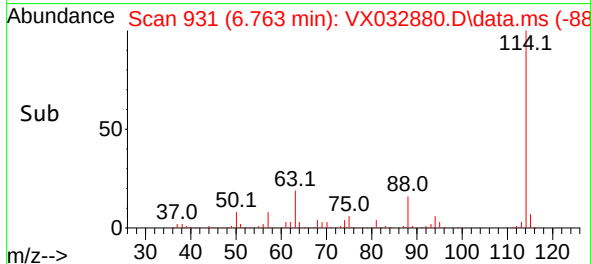
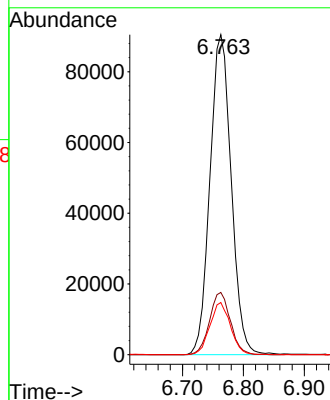
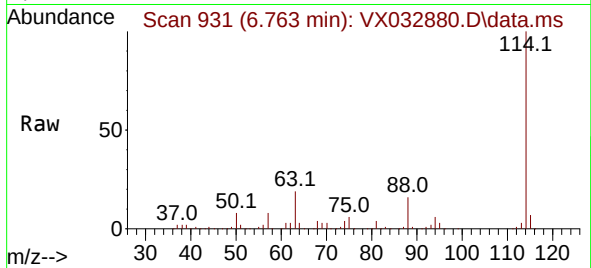




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

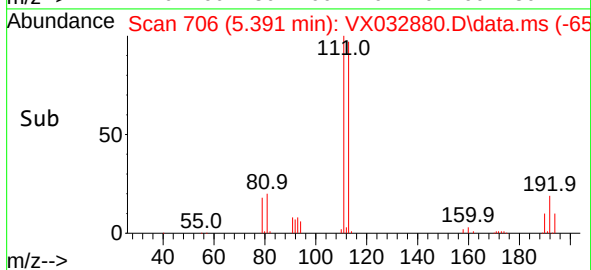
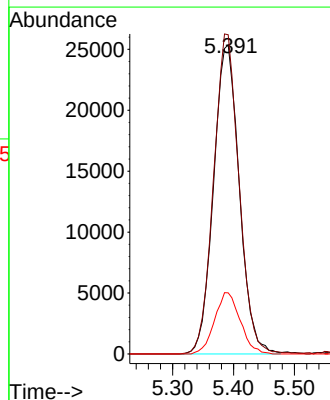
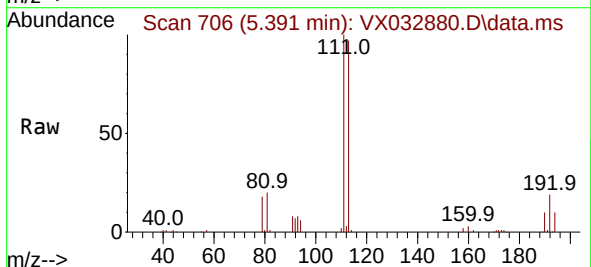
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

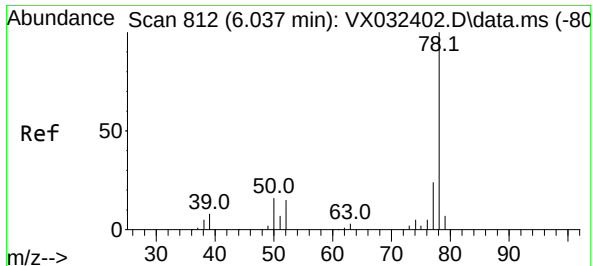
Tgt Ion:114 Resp: 219499
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.600 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Tgt Ion:113 Resp: 74528
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.7 15.4 23.2





#40

Benzene

Concen: 3.415 ug/l

RT: 6.043 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX032880.D

Acq: 16 Nov 2022 19:52

Instrument :

MSVOA_X

ClientSampleId :

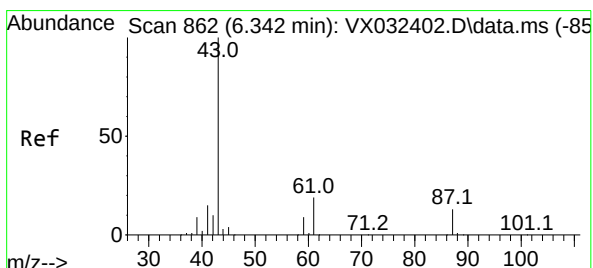
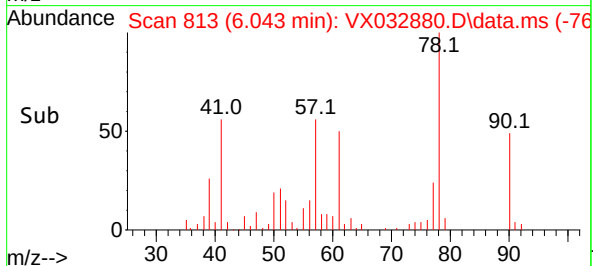
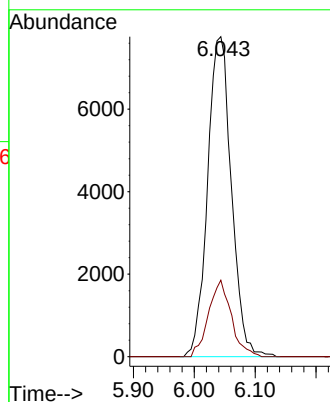
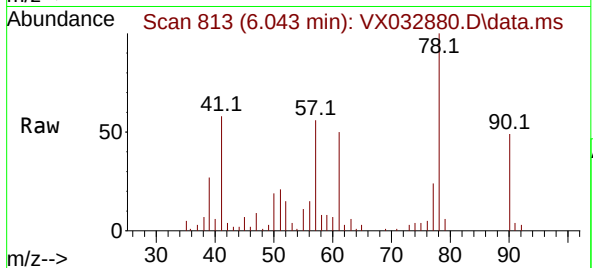
WAMR-SILICA-1115-B

Tgt Ion: 78 Resp: 21069

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4



#43

Isopropyl Acetate

Concen: 4.370 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX032880.D

Acq: 16 Nov 2022 19:52

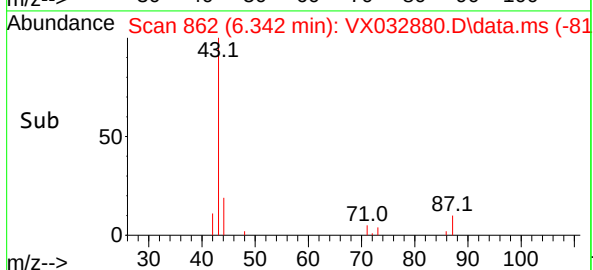
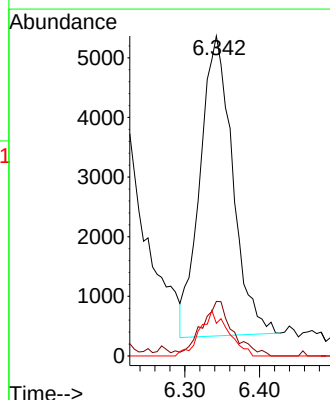
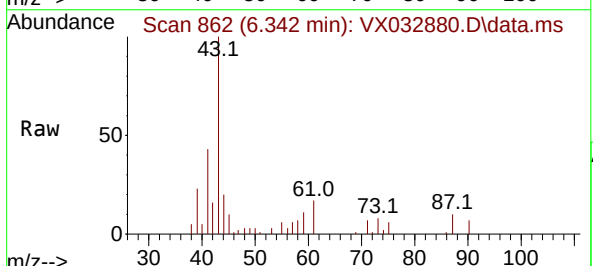
Tgt Ion: 43 Resp: 15228

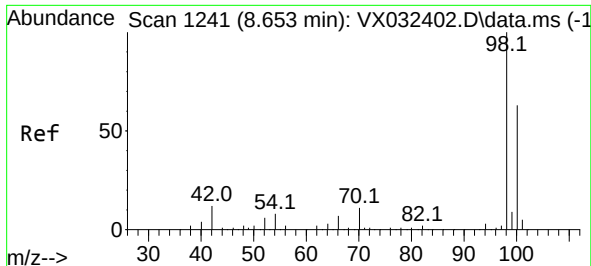
Ion Ratio Lower Upper

43 100

61 17.3 15.4 23.0

87 13.0 10.8 16.2

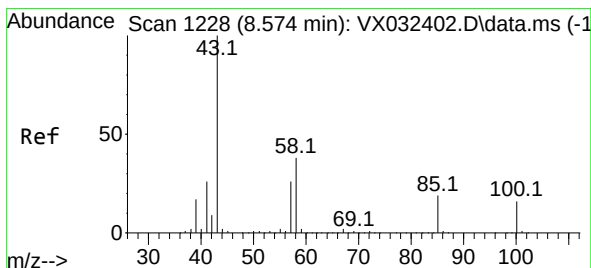
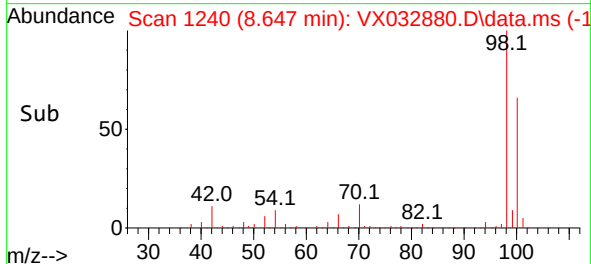
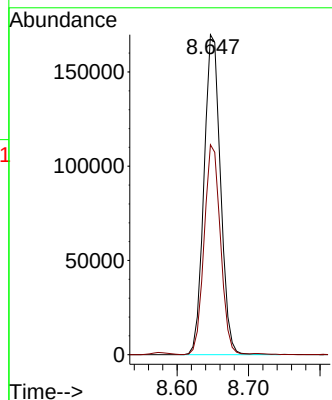
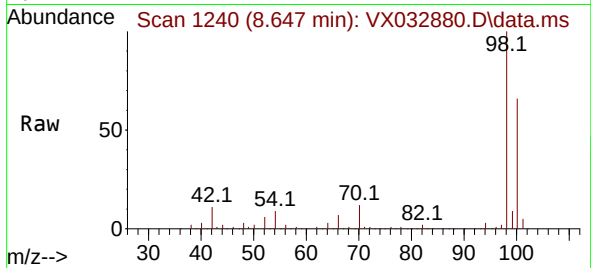




#50
Toluene-d8
Concen: 49.913 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

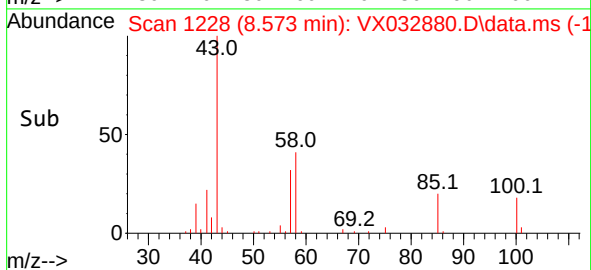
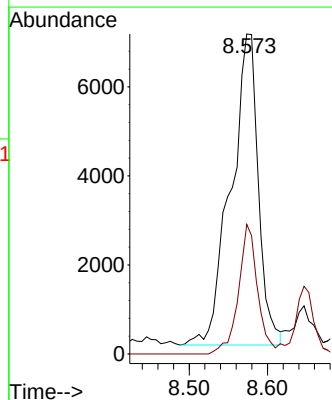
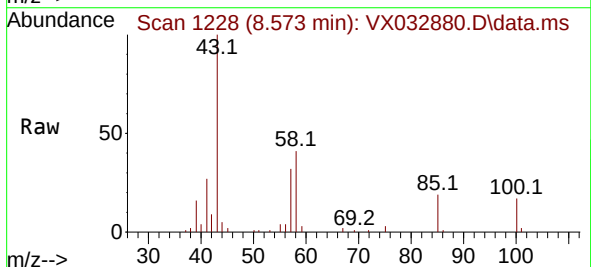
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

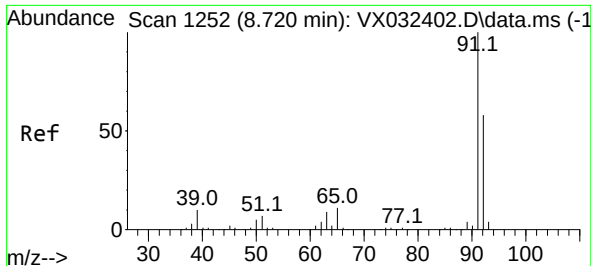
Tgt Ion: 98 Resp: 271744
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 7.782 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Tgt Ion: 43 Resp: 17081
Ion Ratio Lower Upper
43 100
58 28.8 30.9 46.3#

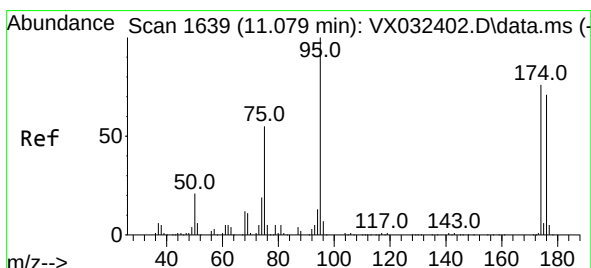
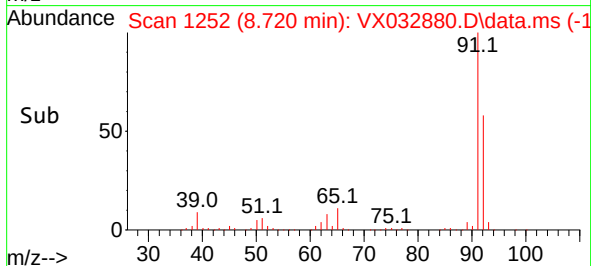
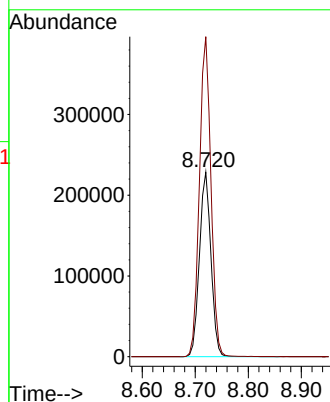
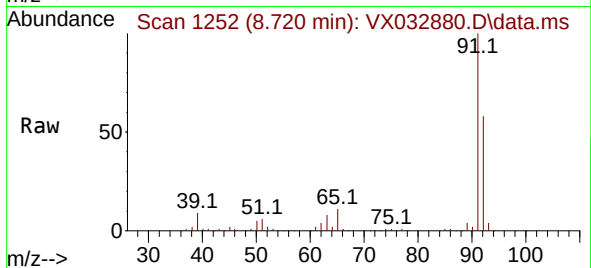




#52
Toluene
Concen: 85.641 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

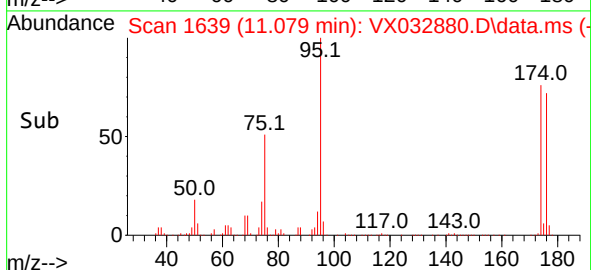
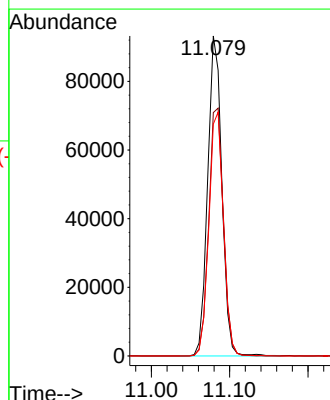
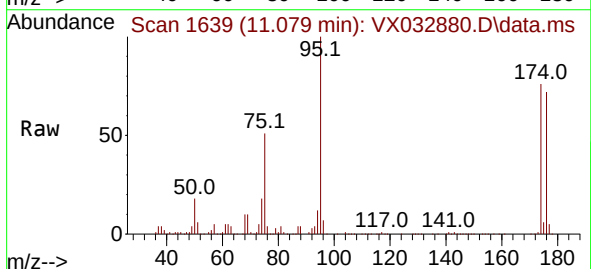
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

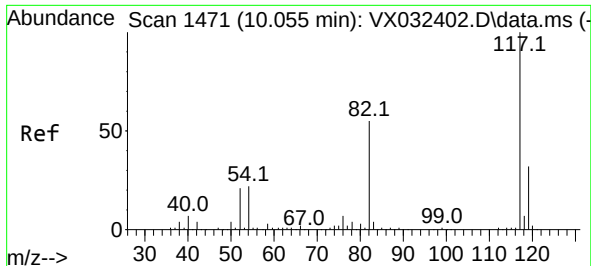
Tgt Ion: 92 Resp: 344743
Ion Ratio Lower Upper
92 100
91 173.8 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 54.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Tgt Ion: 95 Resp: 116791
Ion Ratio Lower Upper
95 100
174 80.6 0.0 164.0
176 78.3 0.0 154.4

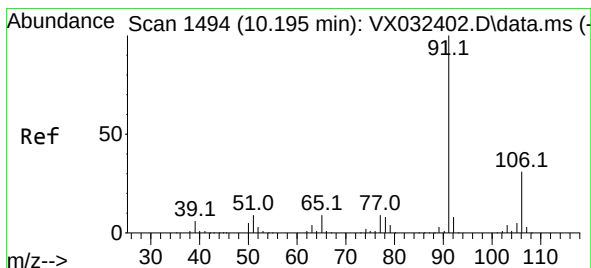
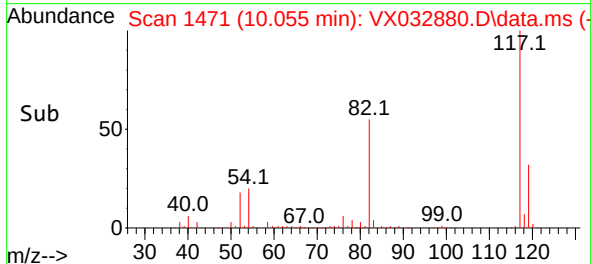
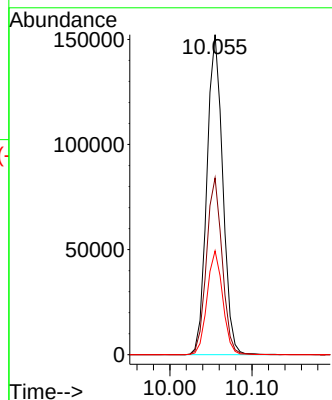
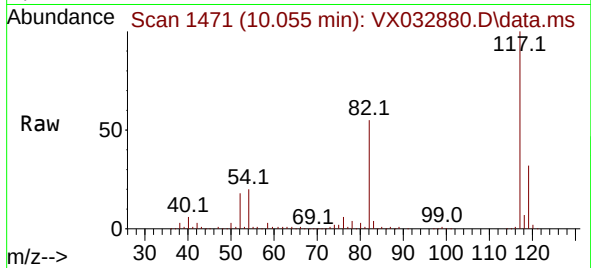




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

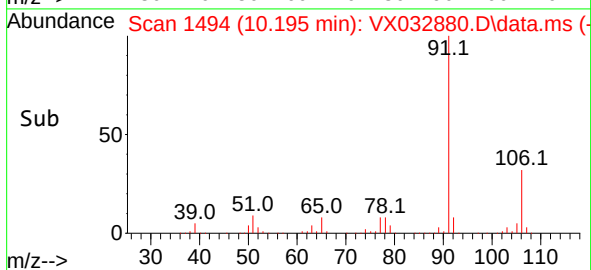
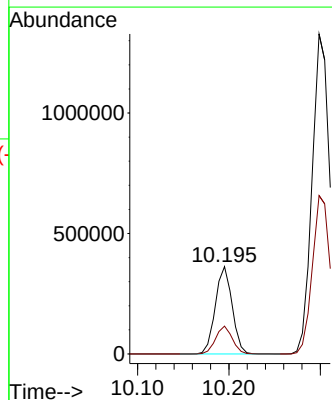
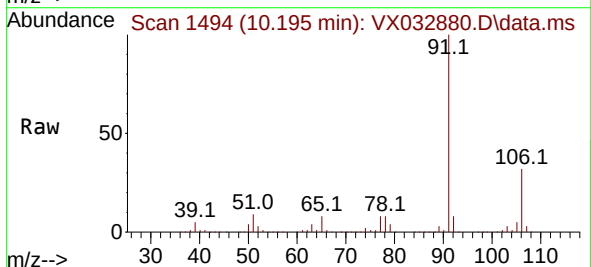
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

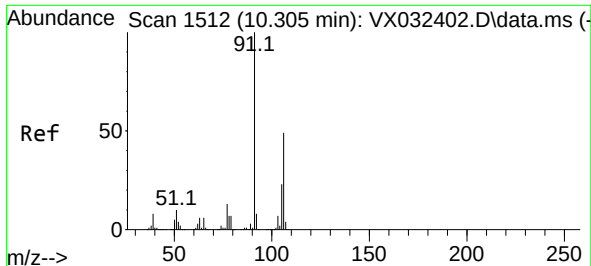
Tgt Ion:117 Resp: 203615
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.5 25.7 38.5



#67
Ethyl Benzene
Concen: 56.966 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Tgt Ion: 91 Resp: 464633
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

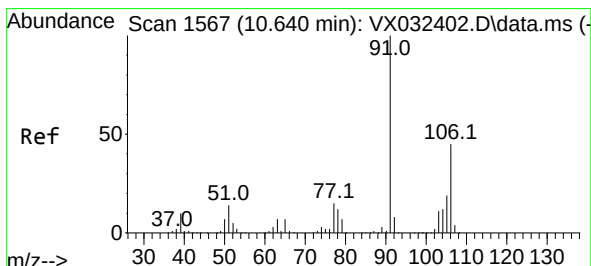
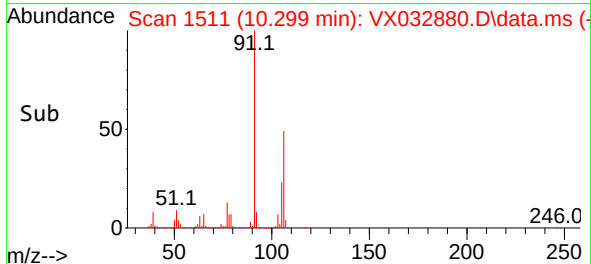
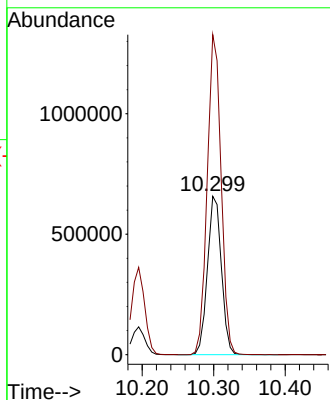
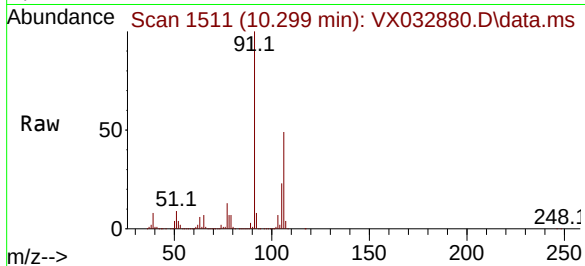




#68
m/p-Xylenes
Concen: 281.147 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

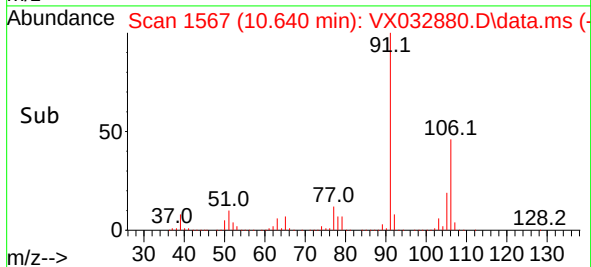
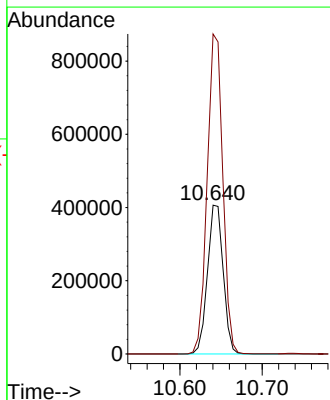
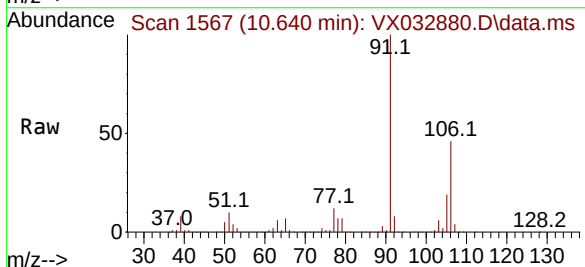
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

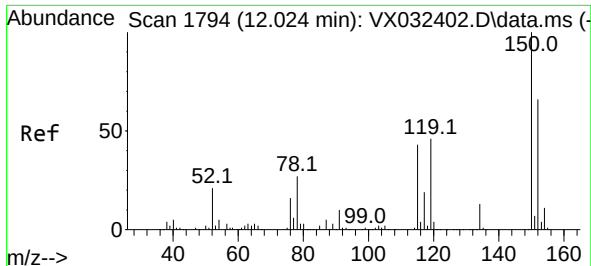
Tgt Ion:106 Resp: 890431
Ion Ratio Lower Upper
106 100
91 200.8 164.5 246.7



#69
o-Xylene
Concen: 174.998 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Tgt Ion:106 Resp: 538875
Ion Ratio Lower Upper
106 100
91 214.0 109.2 327.6

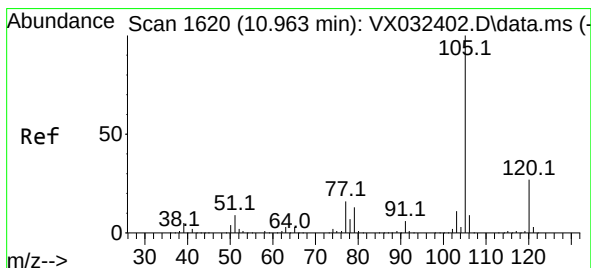
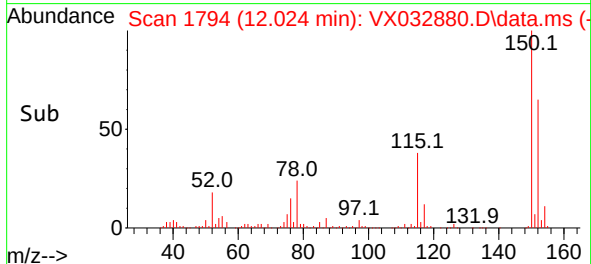
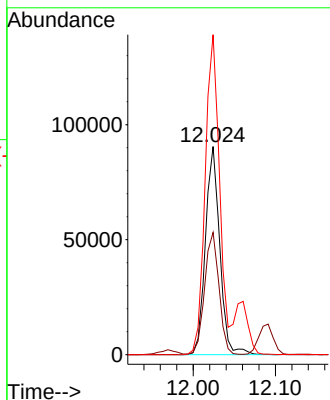
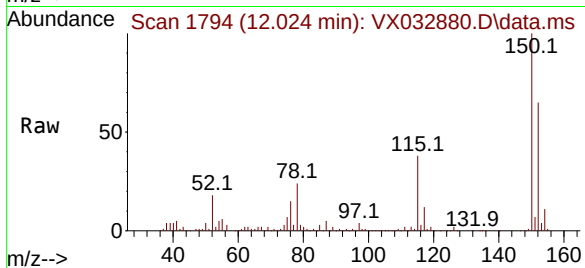




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

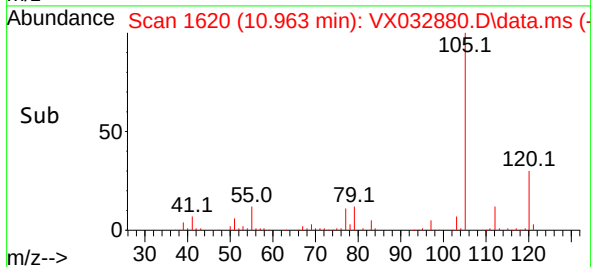
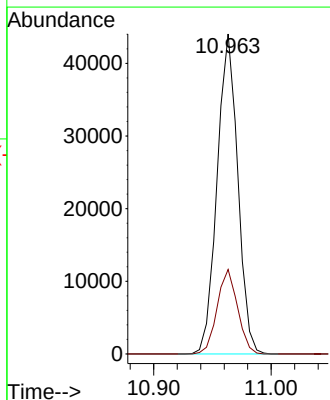
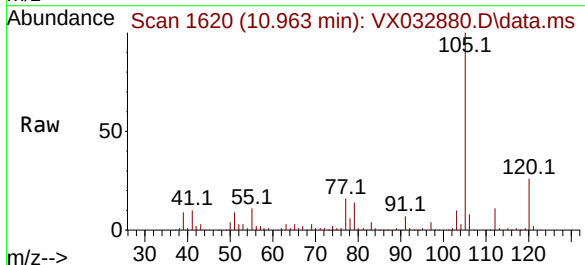
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

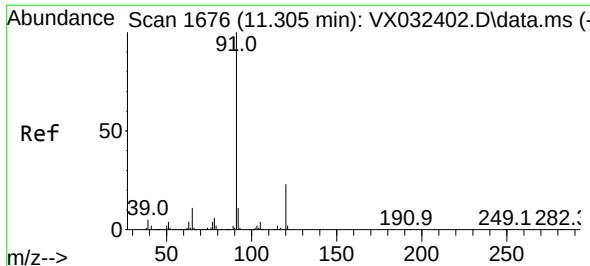
Tgt Ion:152 Resp: 109387
Ion Ratio Lower Upper
152 100
115 58.7 44.0 132.0
150 157.6 0.0 351.8



#73
Isopropylbenzene
Concen: 6.207 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Tgt Ion:105 Resp: 53805
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

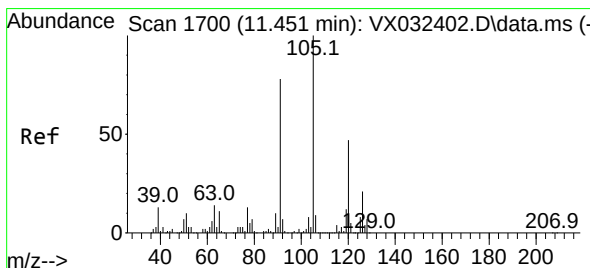
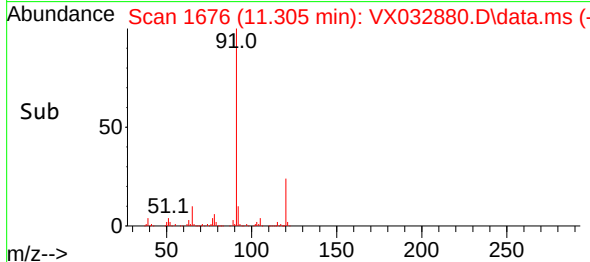
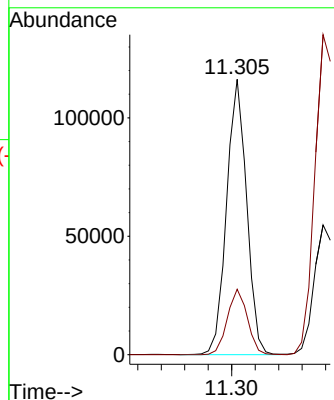
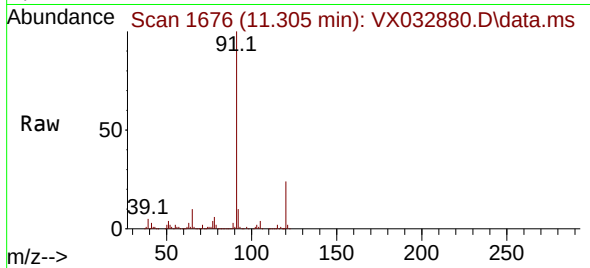




#78
n-propylbenzene
Concen: 13.778 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

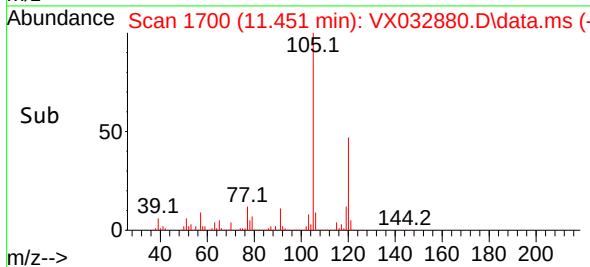
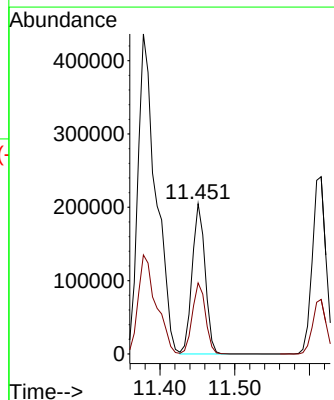
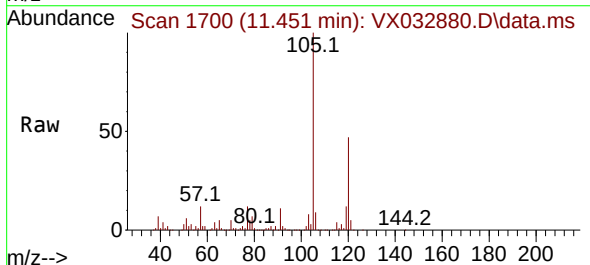
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

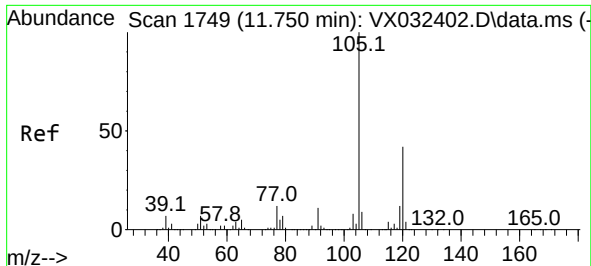
Tgt Ion: 91 Resp: 137602
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 33.277 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Tgt Ion:105 Resp: 246523
Ion Ratio Lower Upper
105 100
120 47.9 23.6 71.0

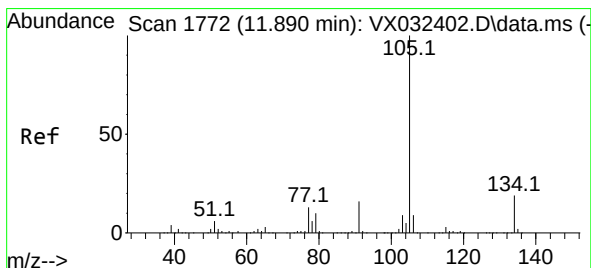
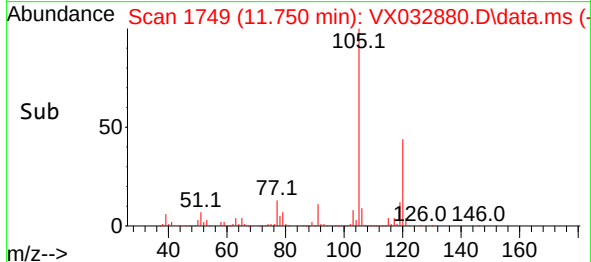
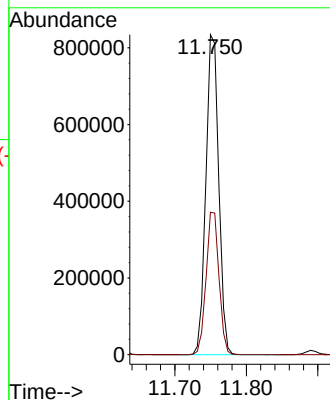
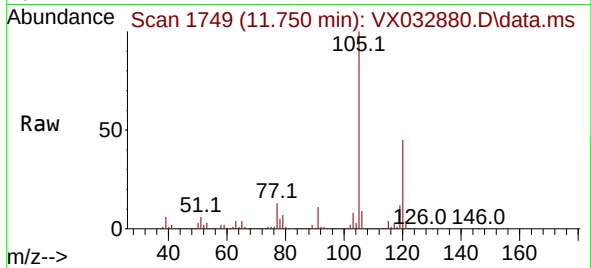




#84
1,2,4-Trimethylbenzene
Concen: 141.420 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

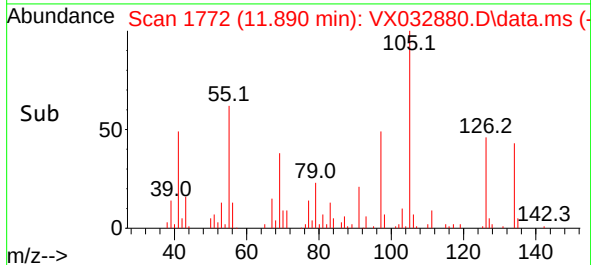
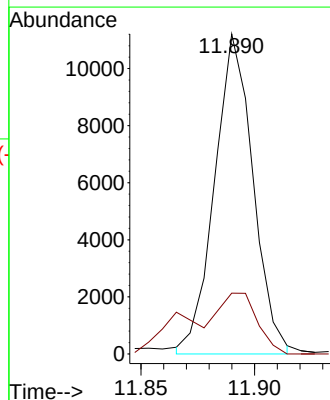
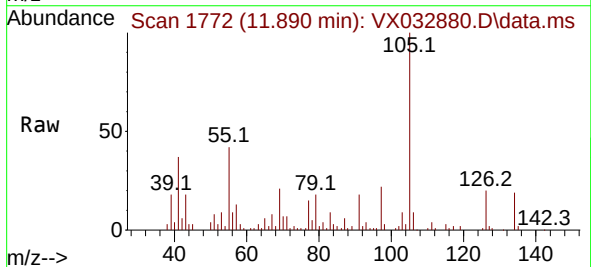
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

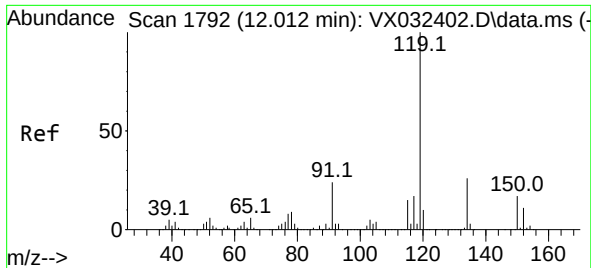
Tgt Ion:105 Resp: 1042017
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.5



#85
sec-Butylbenzene
Concen: 1.481 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Tgt Ion:105 Resp: 13182
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#

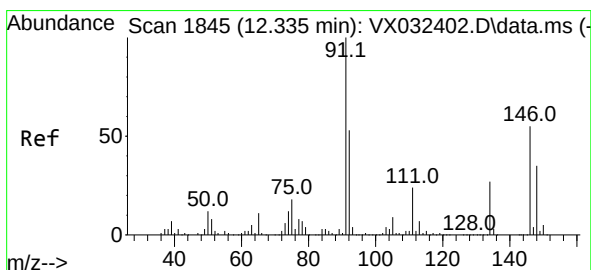
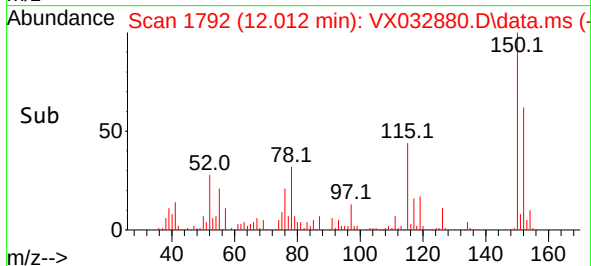
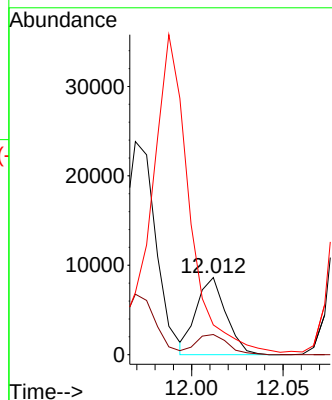
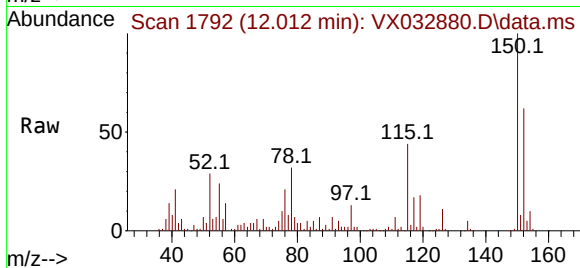




#86
p-Isopropyltoluene
Concen: 1.293 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

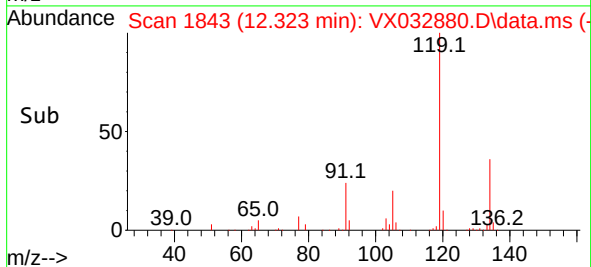
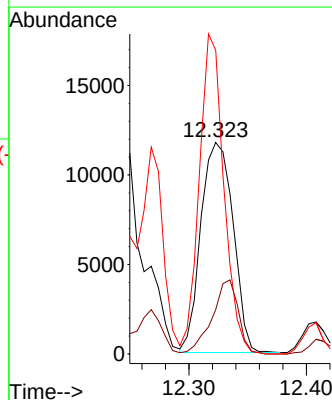
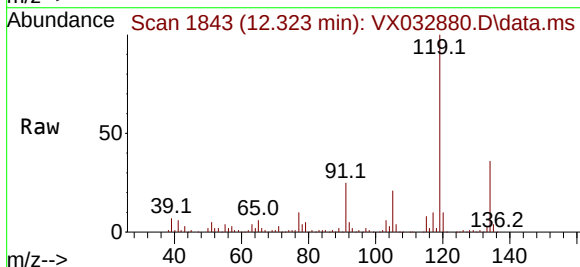
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B

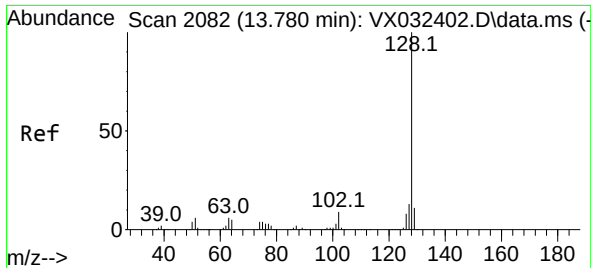
Tgt Ion:119 Resp: 9767
Ion Ratio Lower Upper
119 100
134 28.4 12.9 38.7
91 0.0 12.5 37.5#



#89
n-Butylbenzene
Concen: 3.413 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

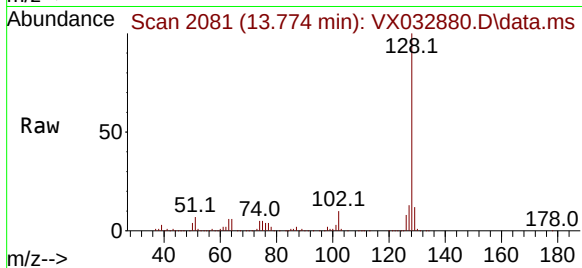
Tgt Ion: 91 Resp: 22422
Ion Ratio Lower Upper
91 100
92 28.6 26.2 78.6
134 115.9 12.9 38.6#





#95
Naphthalene
Concen: 15.513 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032880.D
Acq: 16 Nov 2022 19:52

Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-B



Tgt Ion:128 Resp: 133217
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.2 8.9 13.3

