

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032878.D
 Acq On : 16 Nov 2022 19:06
 Operator : JC/MD
 Sample : N5625-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRMR-SILICA-1115

Quant Time: Nov 17 05:44:23 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	5.556	168	129565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	105615	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86811	48.221	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.440%
35) Dibromofluoromethane	5.385	113	73328	47.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.560%
50) Toluene-d8	8.647	98	276617	51.290	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.580%
62) 4-Bromofluorobenzene	11.079	95	118008	56.016	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.040%

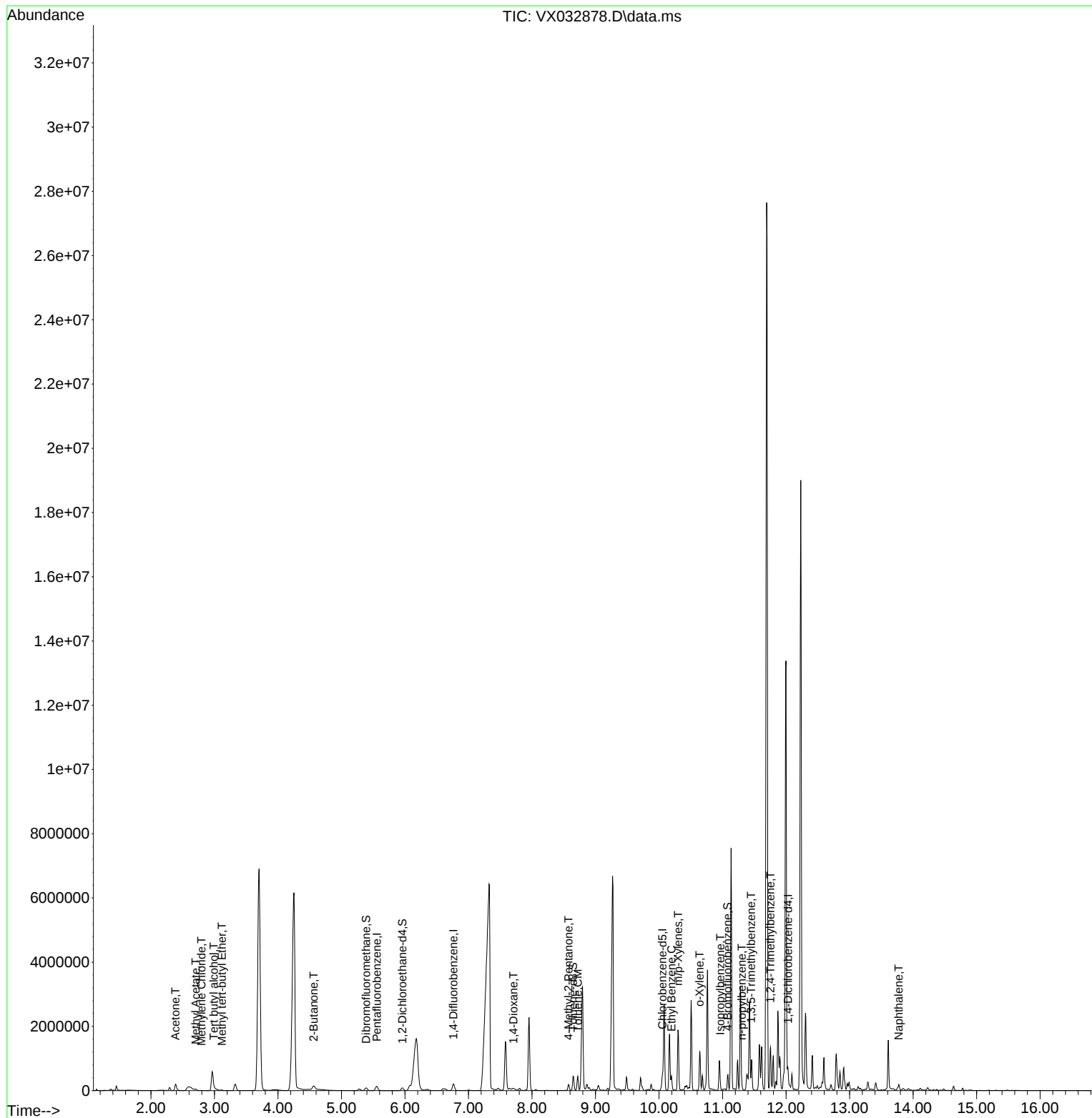
Target Compounds						Qvalue
11) Tert butyl alcohol	2.989	59	200760	766.178	ug/l #	72
16) Acetone	2.386	43	245380	375.018	ug/l	98
18) Methyl Acetate	2.703	43	44408	20.871	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	18726	4.100	ug/l #	91
20) Methylene Chloride	2.794	84	3420	2.280	ug/l #	81
25) 2-Butanone	4.562	43	255857	252.394	ug/l #	89
49) 1,4-Dioxane	7.708	88	37522	1104.394	ug/l #	52
51) 4-Methyl-2-Pentanone	8.574	43	115216	52.991	ug/l	99
52) Toluene	8.720	92	155257	38.935	ug/l	100
67) Ethyl Benzene	10.195	91	227005	27.364	ug/l	100
68) m/p-Xylenes	10.299	106	446459	138.594	ug/l	98
69) o-Xylene	10.640	106	257041	82.068	ug/l	98
73) Isopropylbenzene	10.963	105	18592	2.221	ug/l	100
78) n-propylbenzene	11.305	91	56359	5.845	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	99692	13.938	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	553065	77.742	ug/l	95
95) Naphthalene	13.774	128	105443	12.717	ug/l	100

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

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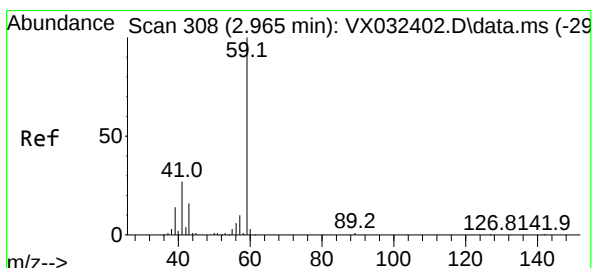
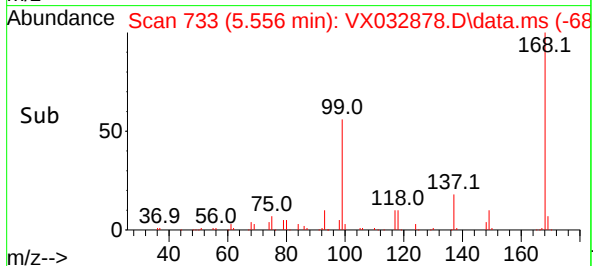
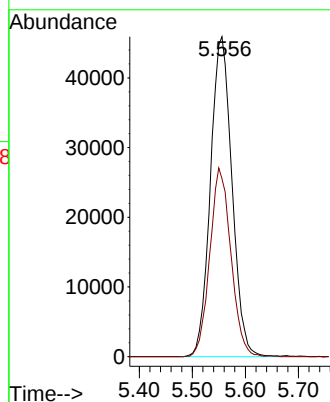
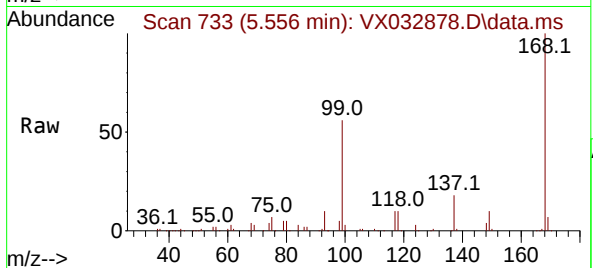




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

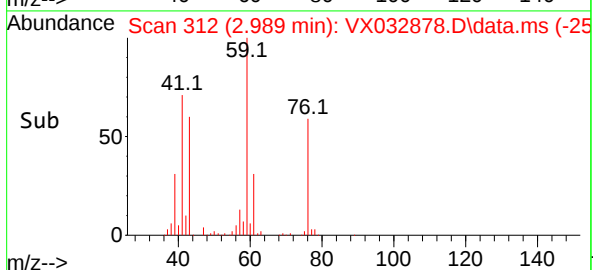
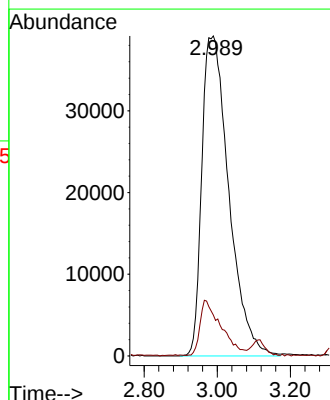
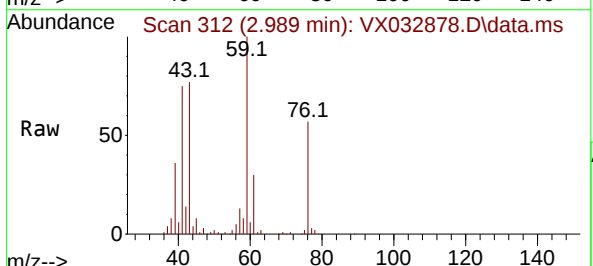
Instrument :
MSVOA_X
ClientSampleId :
TRMR-SILICA-1115

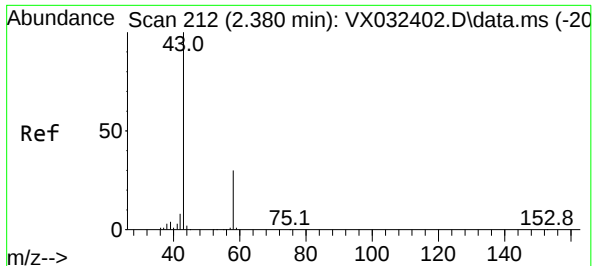
Tgt Ion:168 Resp: 129565
Ion Ratio Lower Upper
168 100
99 55.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 766.178 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

Tgt Ion: 59 Resp: 200760
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

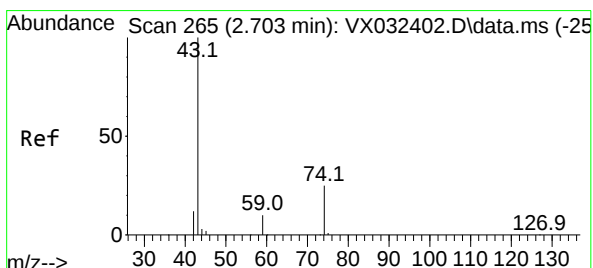
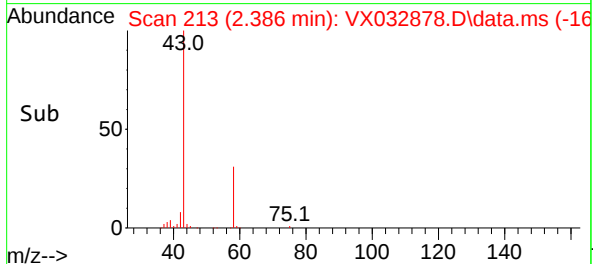
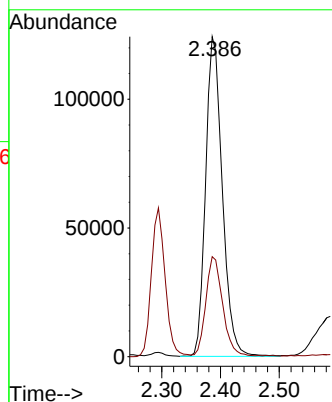
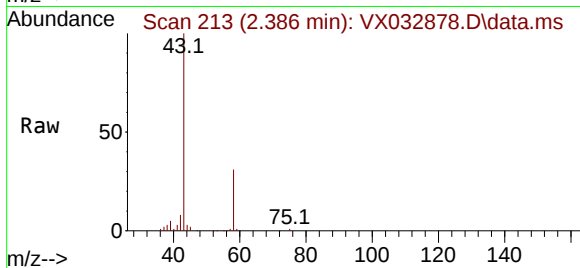




#16
Acetone
Concen: 375.018 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

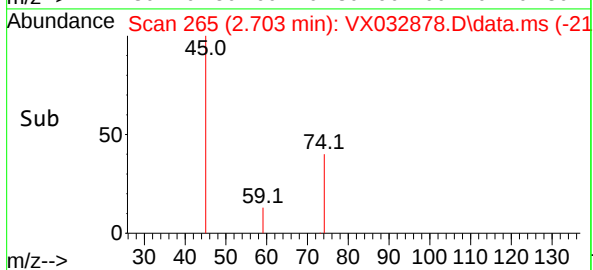
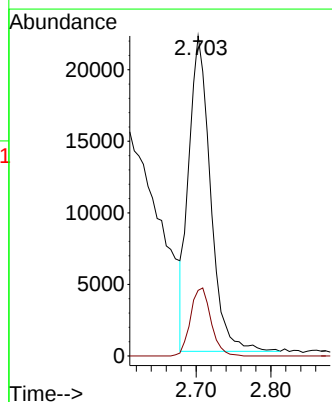
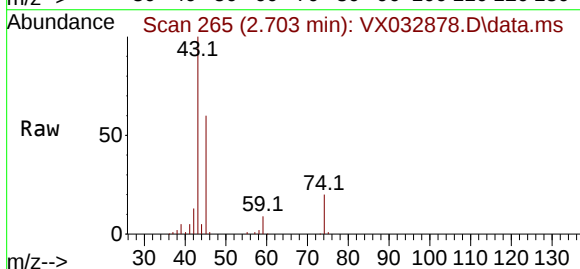
Instrument :
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ClientSampleId :
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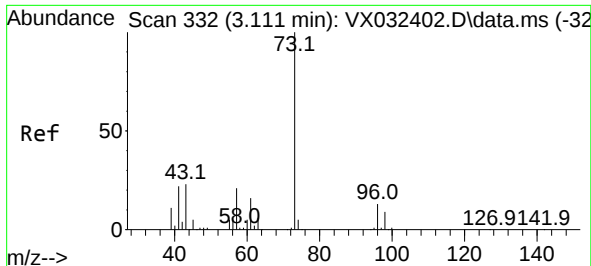
Tgt Ion: 43 Resp: 245380
Ion Ratio Lower Upper
43 100
58 31.1 23.8 35.8



#18
Methyl Acetate
Concen: 20.871 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

Tgt Ion: 43 Resp: 44408
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.0

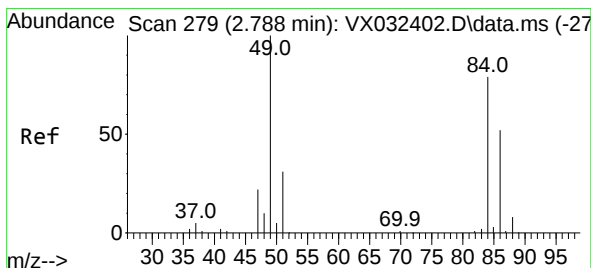
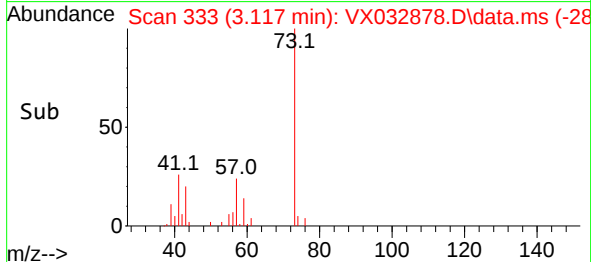
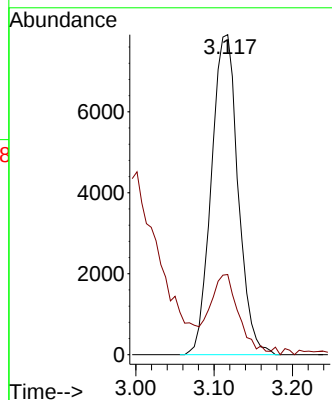
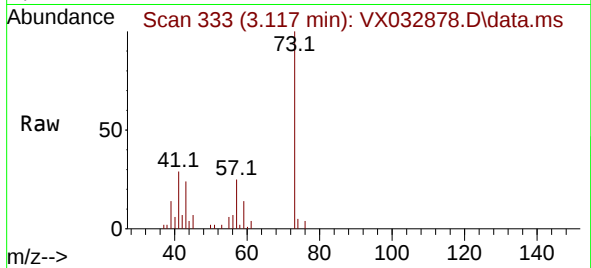




#19
Methyl tert-butyl Ether
Concen: 4.100 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

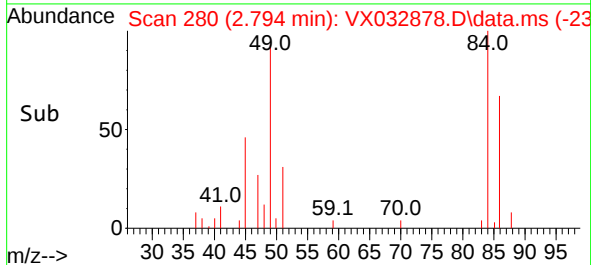
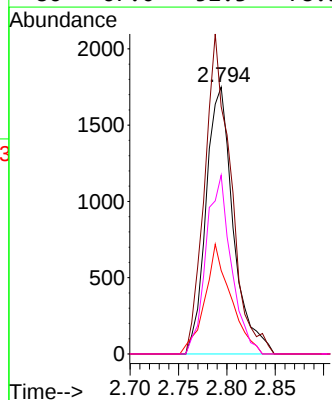
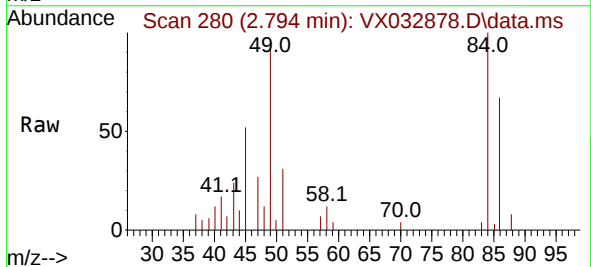
Instrument :
MSVOA_X
ClientSampleId :
TRMR-SILICA-1115

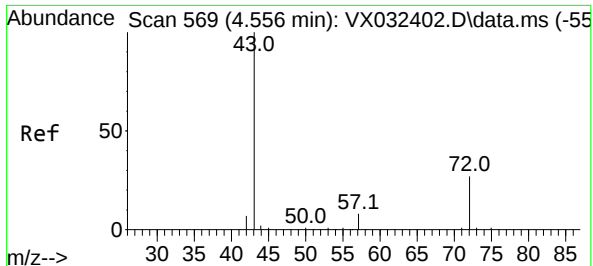
Tgt Ion: 73 Resp: 18726
Ion Ratio Lower Upper
73 100
57 25.0 16.6 25.0#



#20
Methylene Chloride
Concen: 2.280 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

Tgt Ion: 84 Resp: 3420
Ion Ratio Lower Upper
84 100
49 92.7 101.0 151.6#
51 31.3 31.1 46.7
86 67.0 52.3 78.5





#25

2-Butanone

Concen: 252.394 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX032878.D

Acq: 16 Nov 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

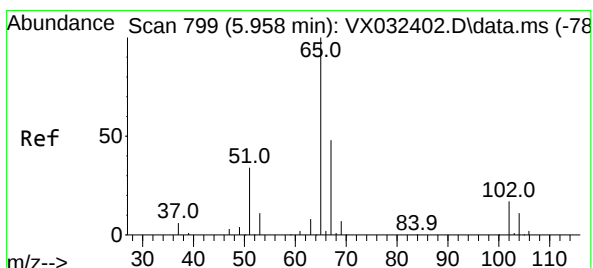
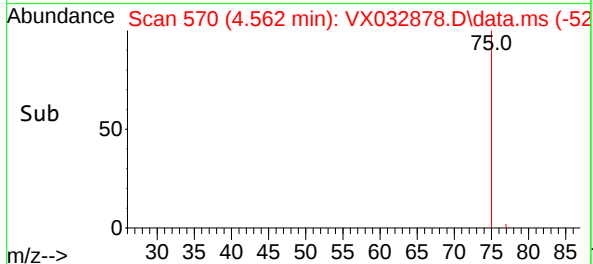
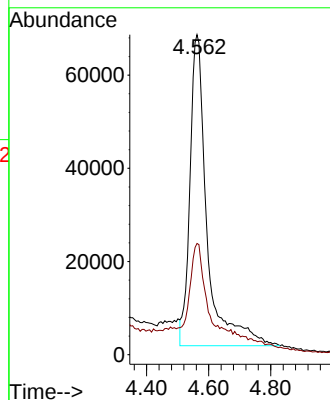
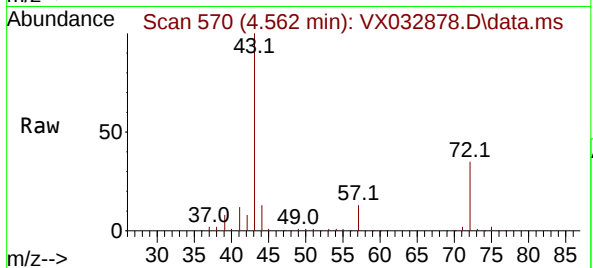
TRMR-SILICA-1115

Tgt Ion: 43 Resp: 255857

Ion Ratio Lower Upper

43 100

72 33.4 22.2 33.2#



#33

1,2-Dichloroethane-d4

Concen: 48.221 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032878.D

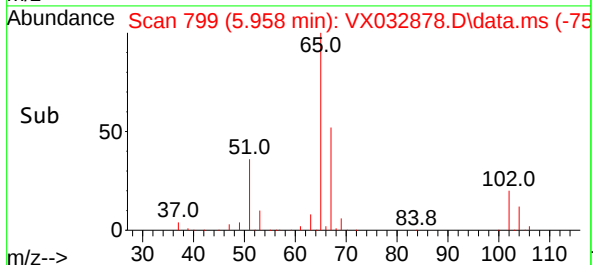
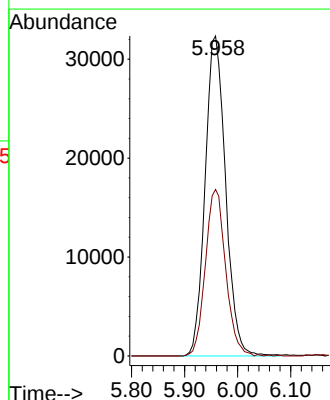
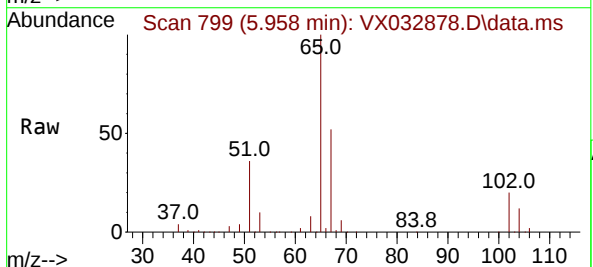
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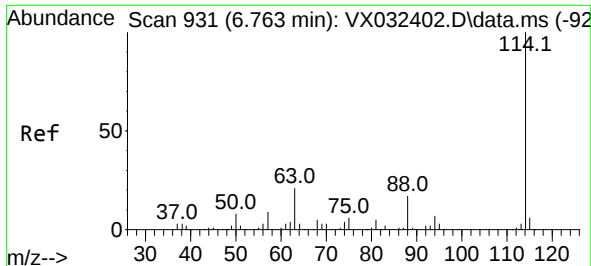
Tgt Ion: 65 Resp: 86811

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8

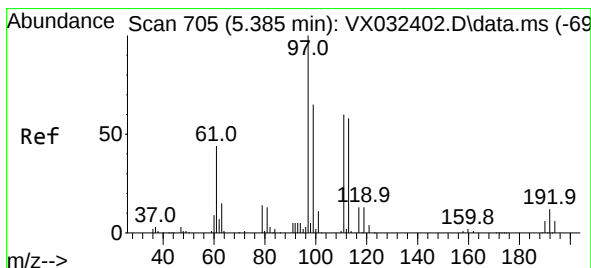
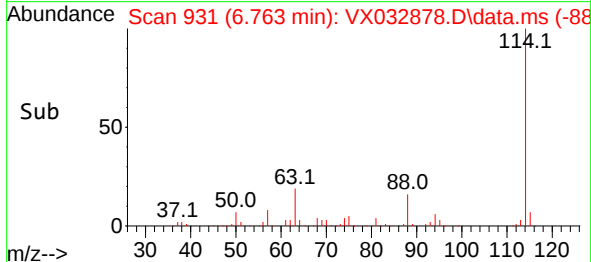
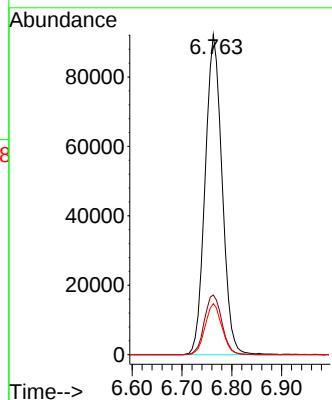
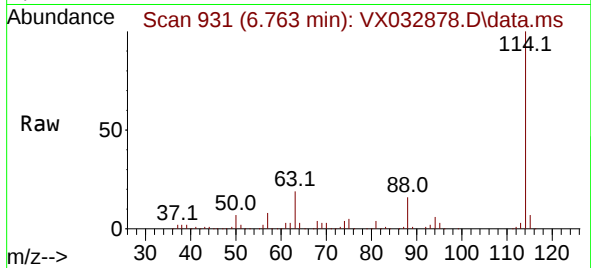




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

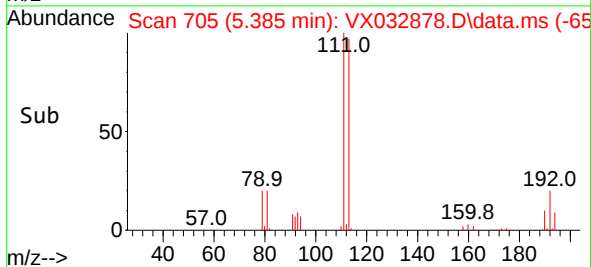
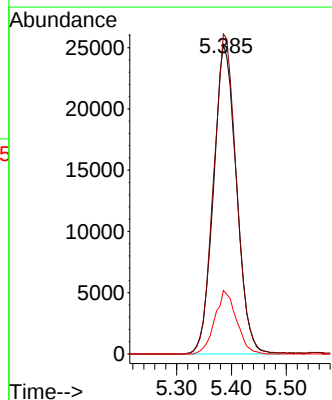
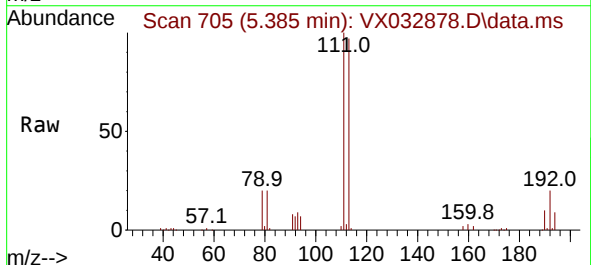
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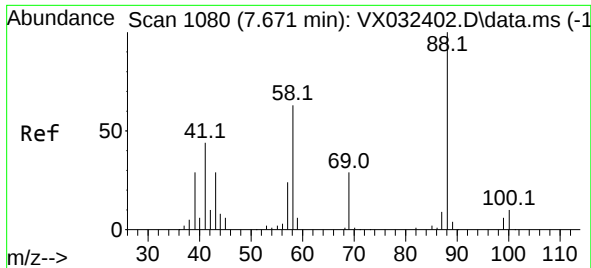
Tgt Ion:114 Resp: 217437
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.278 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

Tgt Ion:113 Resp: 73328
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.4 15.4 23.2

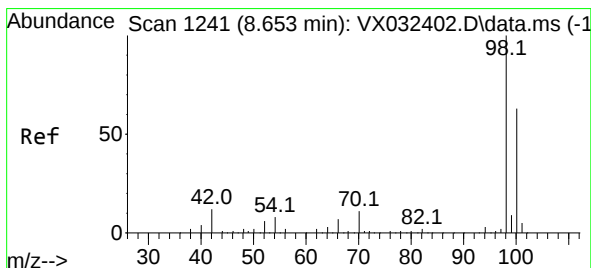
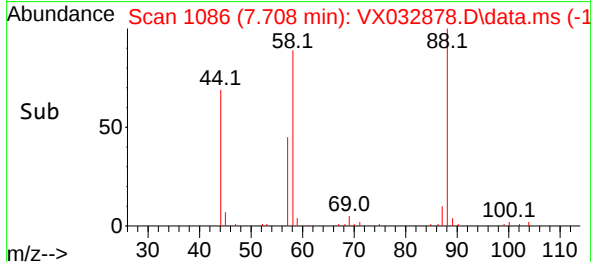
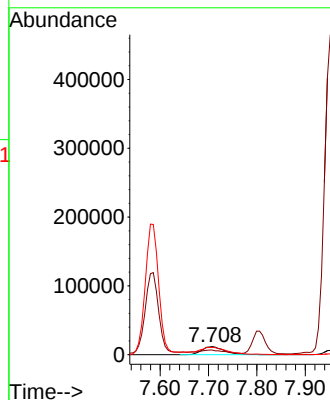
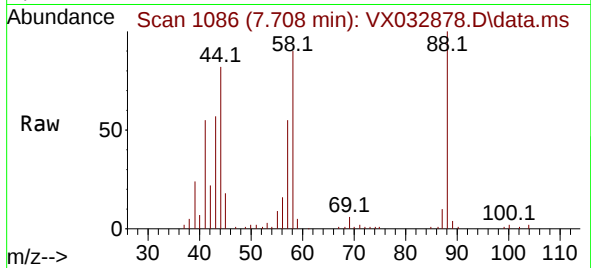




#49
1,4-Dioxane
Concen: 1104.394 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.037 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

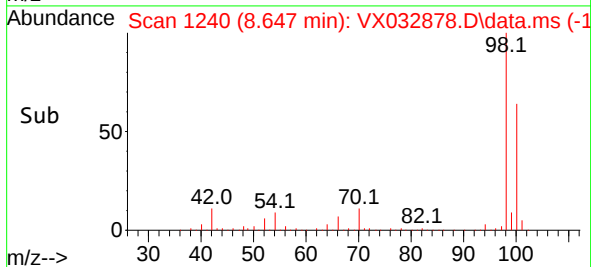
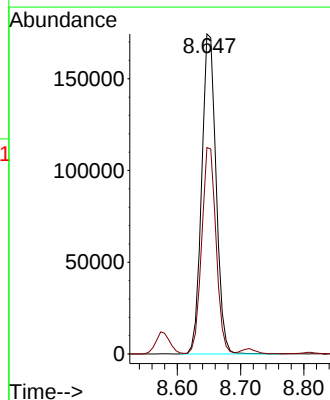
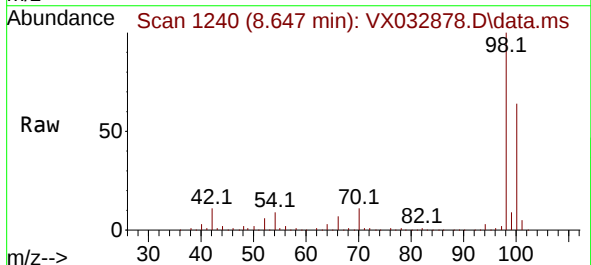
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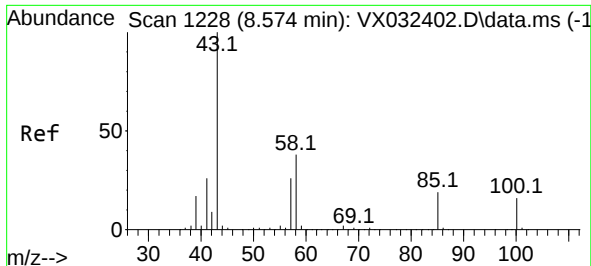
Tgt Ion: 88 Resp: 37522
Ion Ratio Lower Upper
88 100
43 47.3 26.6 39.8#
58 112.2 51.7 77.5#



#50
Toluene-d8
Concen: 51.290 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

Tgt Ion: 98 Resp: 276617
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3

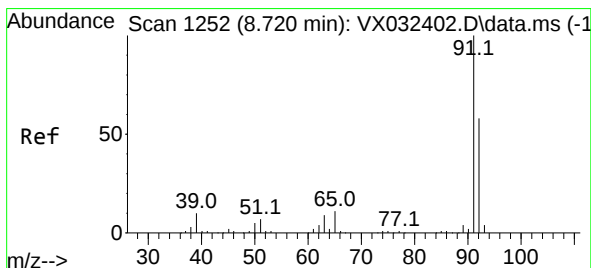
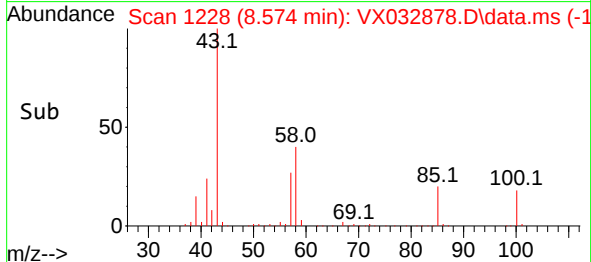
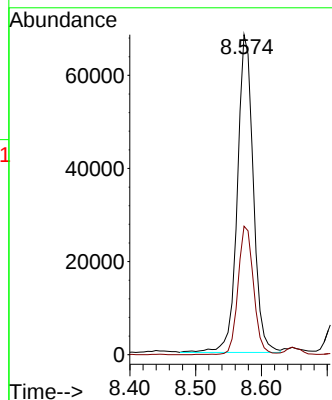
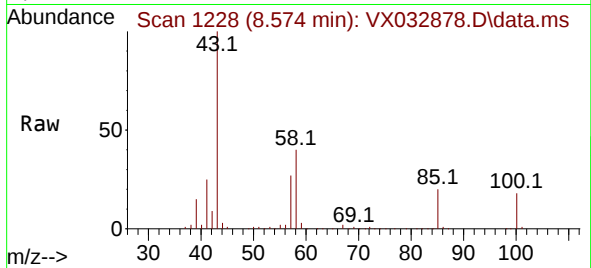




#51
4-Methyl-2-Pentanone
Concen: 52.991 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

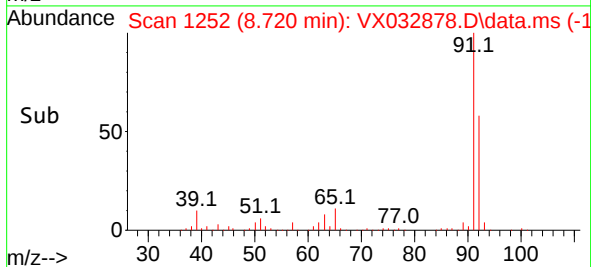
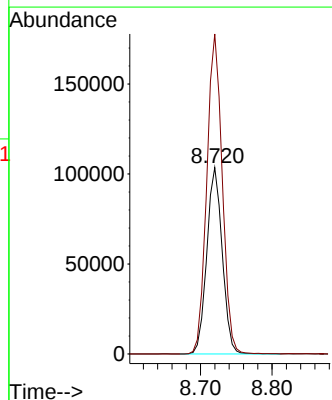
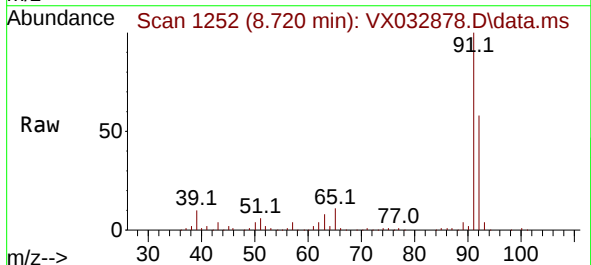
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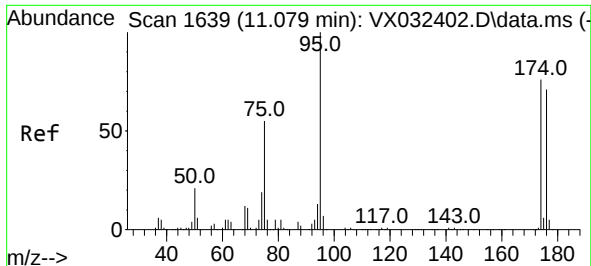
Tgt Ion: 43 Resp: 115216
Ion Ratio Lower Upper
43 100
58 39.4 30.9 46.3



#52
Toluene
Concen: 38.935 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

Tgt Ion: 92 Resp: 155257
Ion Ratio Lower Upper
92 100
91 172.3 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 56.016 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032878.D

Acq: 16 Nov 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

TRMR-SILICA-1115

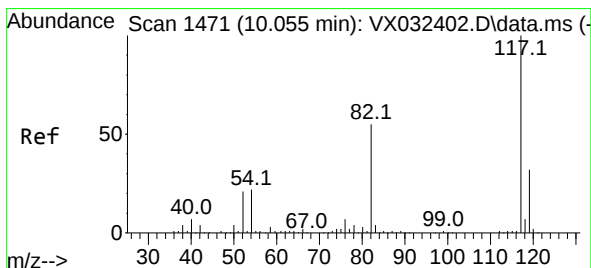
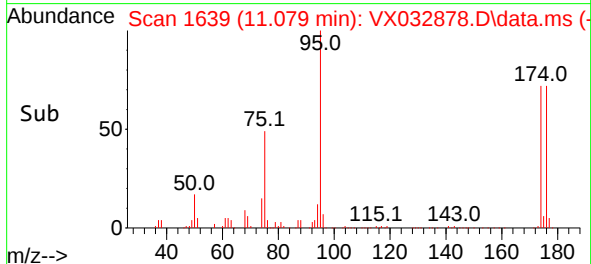
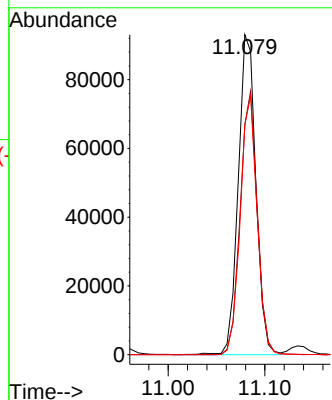
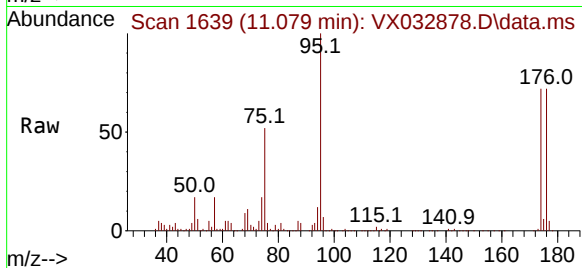
Tgt Ion: 95 Resp: 118008

Ion Ratio Lower Upper

95 100

174 79.8 0.0 164.0

176 77.5 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: VX032878.D

Acq: 16 Nov 2022 19:06

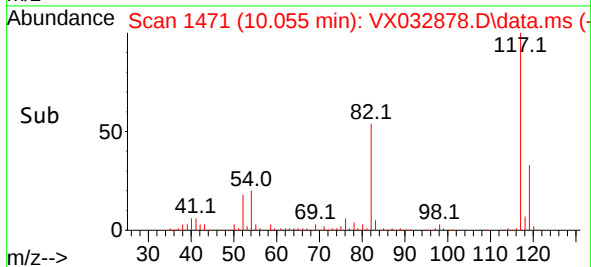
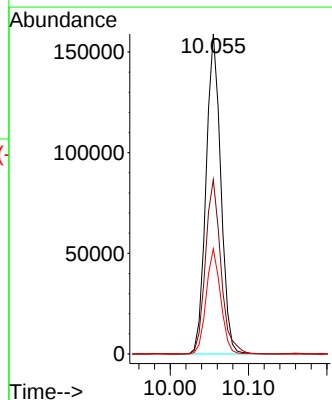
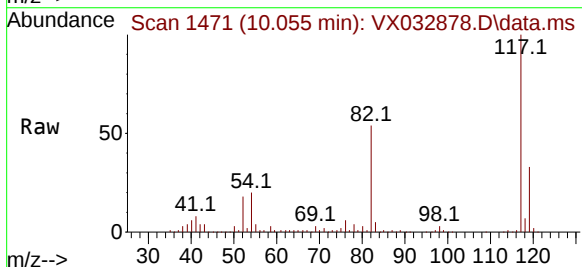
Tgt Ion: 117 Resp: 207100

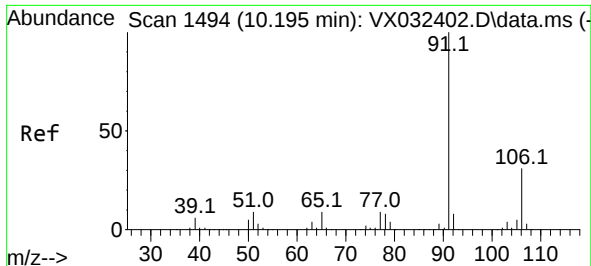
Ion Ratio Lower Upper

117 100

82 54.5 44.3 66.5

119 32.9 25.7 38.5

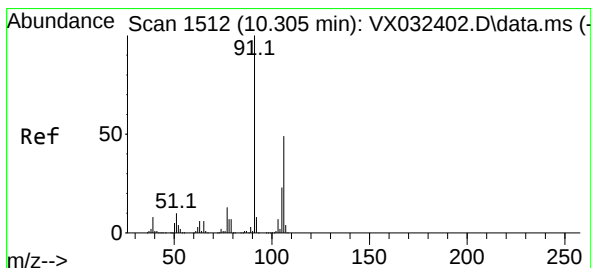
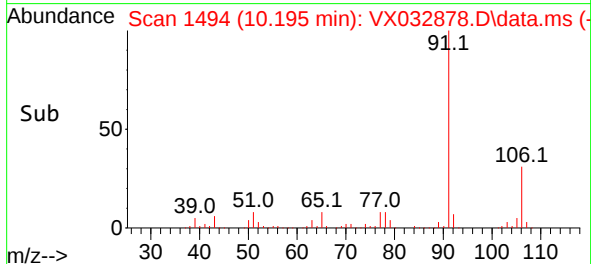
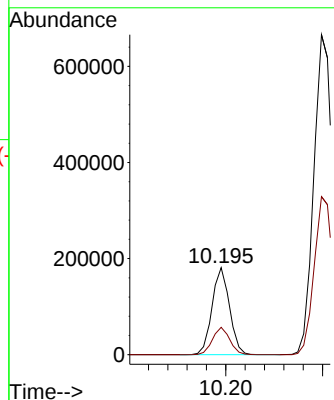
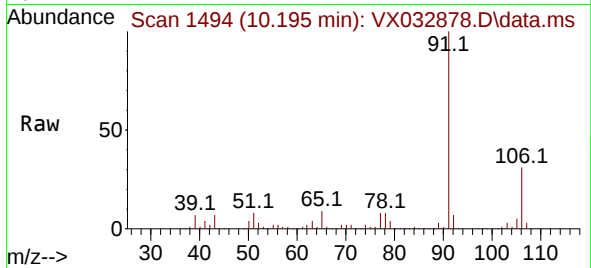




#67
Ethyl Benzene
Concen: 27.364 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

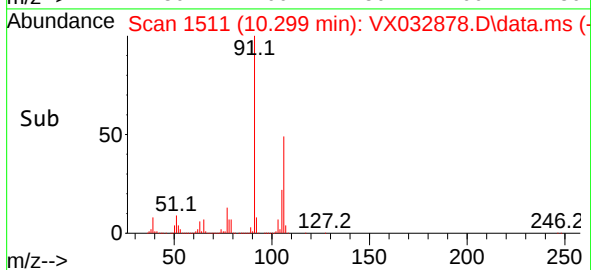
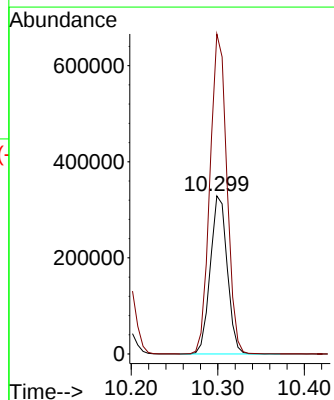
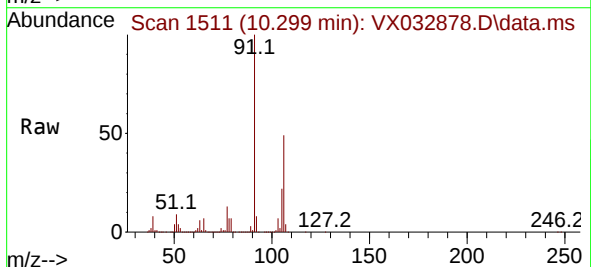
Instrument :
MSVOA_X
ClientSampleId :
TRMR-SILICA-1115

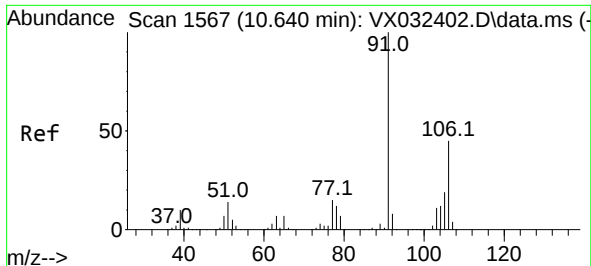
Tgt Ion: 91 Resp: 227005
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 138.594 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

Tgt Ion:106 Resp: 446459
Ion Ratio Lower Upper
106 100
91 202.3 164.5 246.7

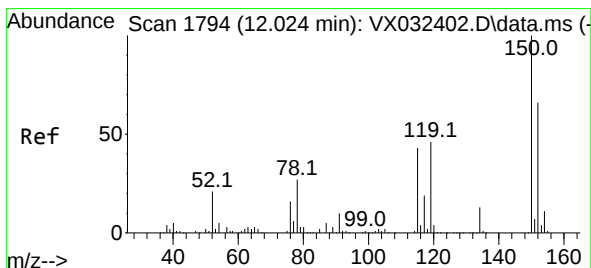
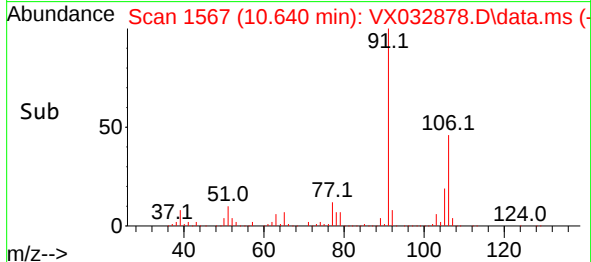
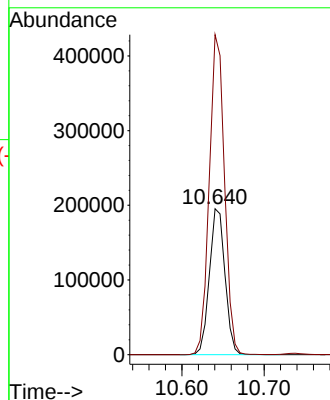
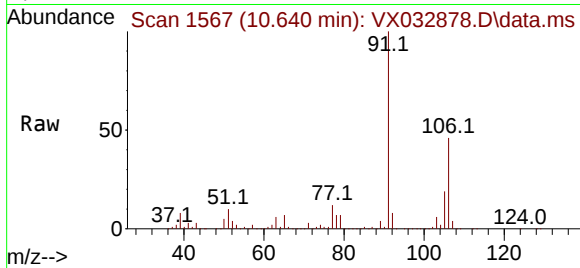




#69
o-Xylene
Concen: 82.068 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

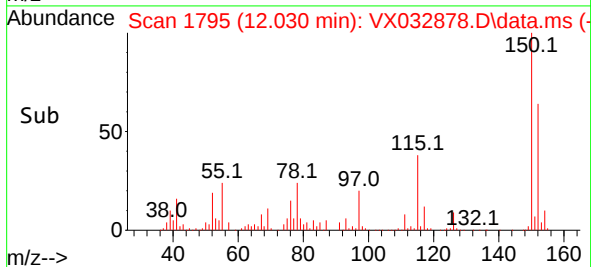
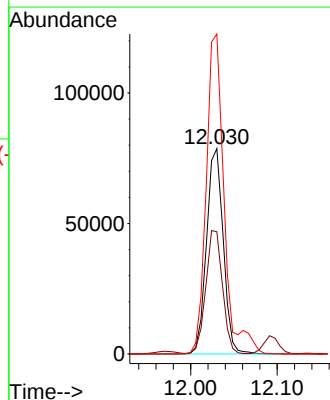
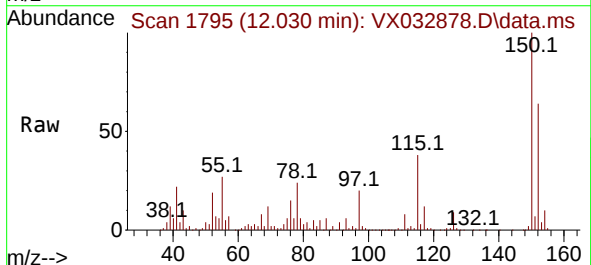
Instrument :
MSVOA_X
ClientSampleId :
TRMR-SILICA-1115

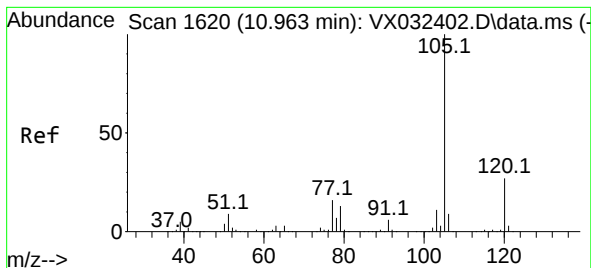
Tgt Ion:106 Resp: 257041
Ion Ratio Lower Upper
106 100
91 214.6 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX032878.D
Acq: 16 Nov 2022 19:06

Tgt Ion:152 Resp: 105615
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 166.5 0.0 351.8





#73

Isopropylbenzene

Concen: 2.221 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032878.D

Acq: 16 Nov 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

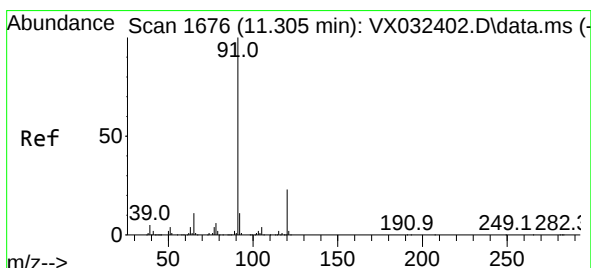
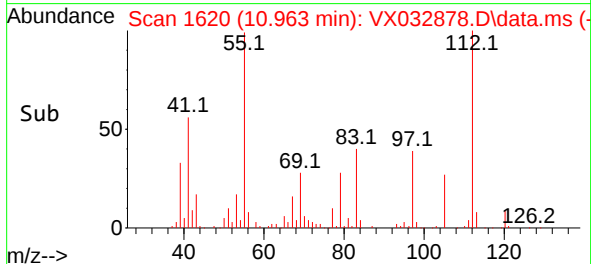
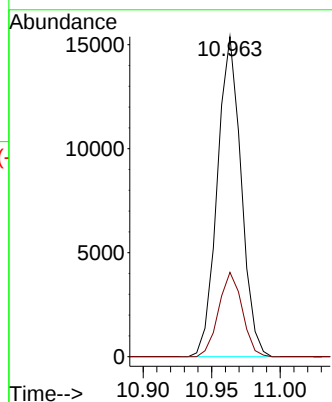
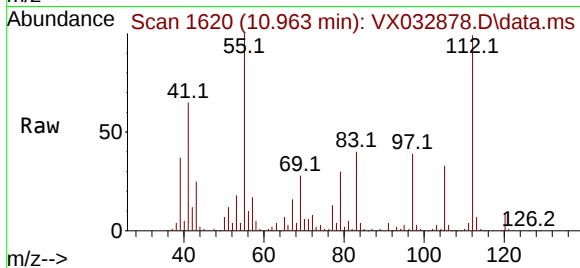
TRMR-SILICA-1115

Tgt Ion:105 Resp: 18592

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



#78

n-propylbenzene

Concen: 5.845 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX032878.D

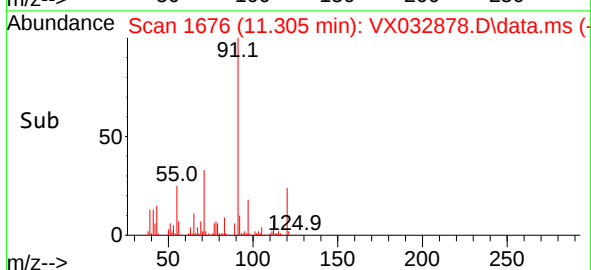
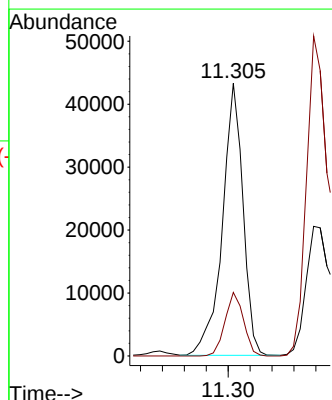
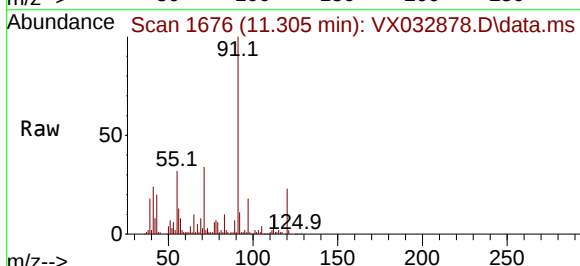
Acq: 16 Nov 2022 19:06

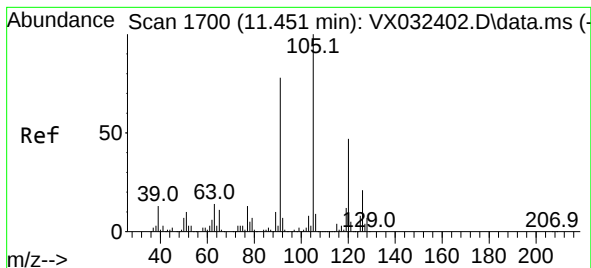
Tgt Ion: 91 Resp: 56359

Ion Ratio Lower Upper

91 100

120 21.0 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 13.938 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX032878.D

Acq: 16 Nov 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

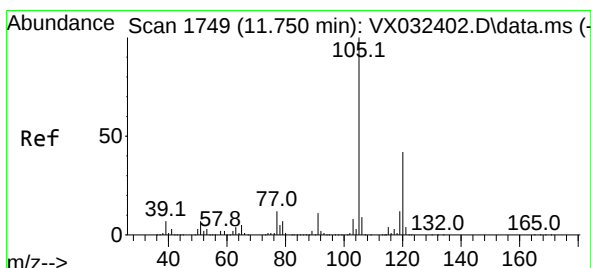
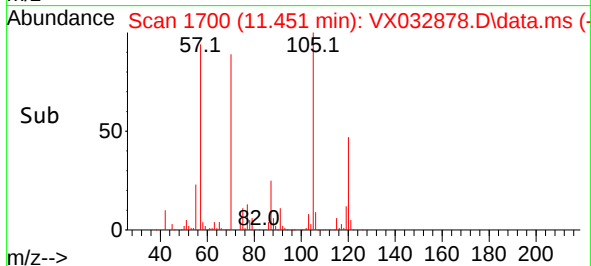
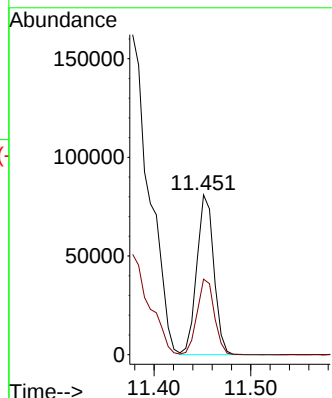
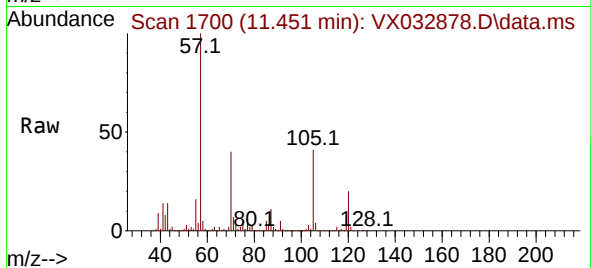
TRMR-SILICA-1115

Tgt Ion:105 Resp: 99692

Ion Ratio Lower Upper

105 100

120 47.7 23.6 71.0



#84

1,2,4-Trimethylbenzene

Concen: 77.742 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX032878.D

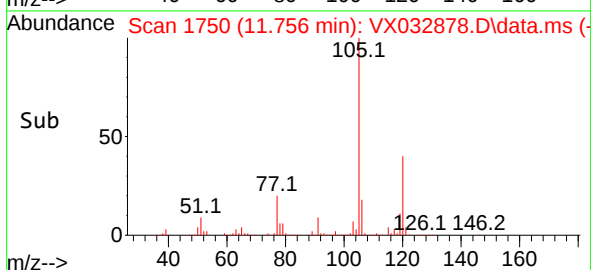
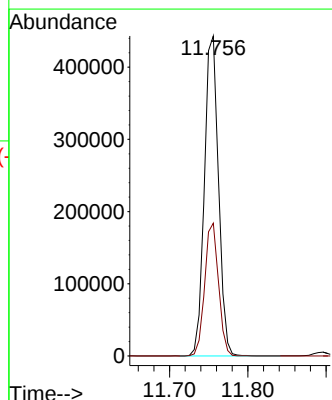
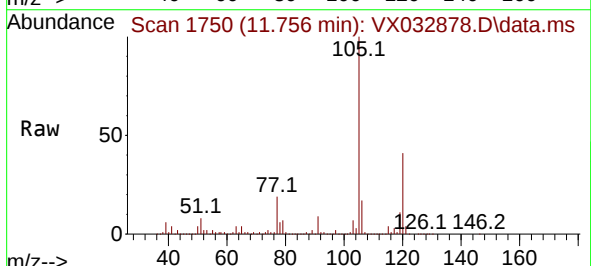
Acq: 16 Nov 2022 19:06

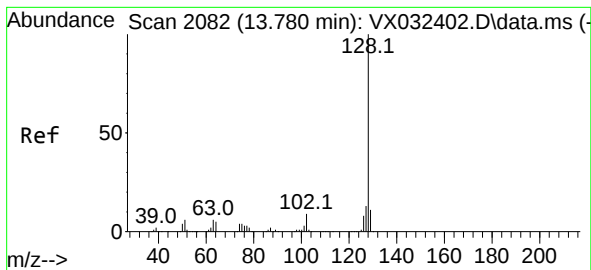
Tgt Ion:105 Resp: 553065

Ion Ratio Lower Upper

105 100

120 40.7 21.9 65.5





#95

Naphthalene

Concen: 12.717 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX032878.D

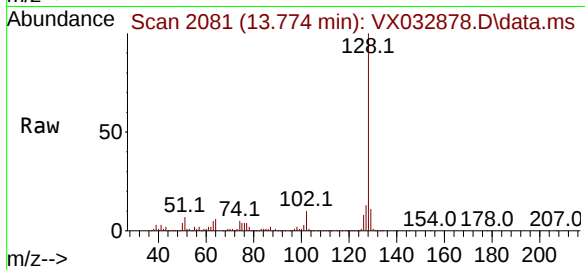
Acq: 16 Nov 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

TRMR-SILICA-1115



Tgt Ion:128 Resp: 105443

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.2 8.9 13.3

