

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030373.D
 Acq On : 03 Aug 2022 16:10
 Operator : JC/MD
 Sample : N3988-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 63022-D

Quant Time: Aug 04 04:42:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

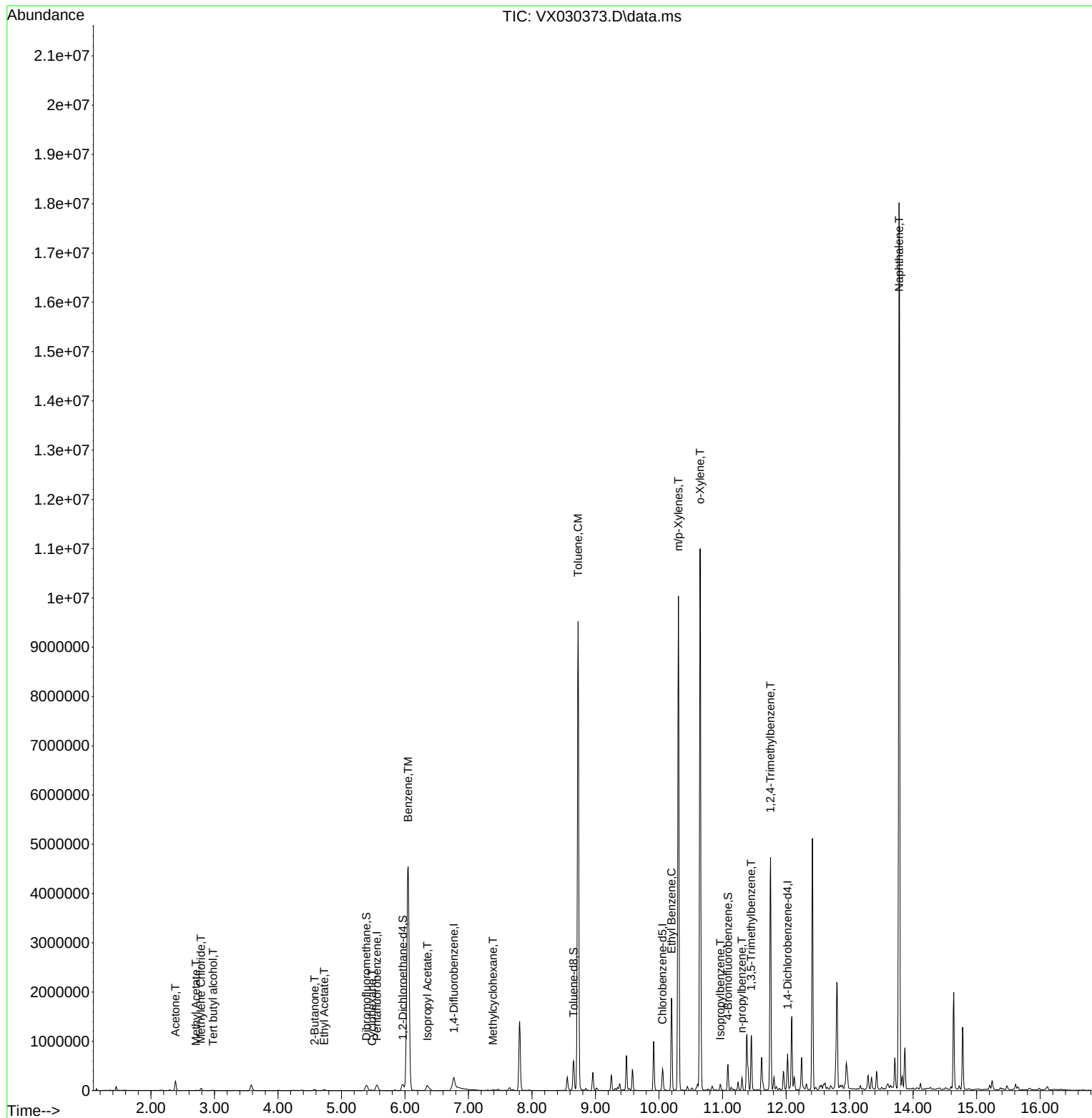
Internal Standards						
1) Pentafluorobenzene	5.556	168	101489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	186528	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129991	63.725	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 127.460%#	
35) Dibromofluoromethane	5.391	113	95026	53.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.580%	
50) Toluene-d8	8.653	98	351973	50.971	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	11.085	95	138351	53.985	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	9186	18.461	ug/l #	92
16) Acetone	2.386	43	196816	188.457	ug/l	91
18) Methyl Acetate	2.709	43	10933	3.539	ug/l	95
20) Methylene Chloride	2.788	84	20131	9.175	ug/l	89
25) 2-Butanone	4.574	43	37668	21.464	ug/l	91
31) Cyclohexane	5.483	56	6176	2.085	ug/l	86
37) Ethyl Acetate	4.727	43	33561	9.236	ug/l	98
39) Methylcyclohexane	7.385	83	4574	1.381	ug/l	96
40) Benzene	6.050	78	5337836	661.138	ug/l	96
43) Isopropyl Acetate	6.354	43	136285	25.583	ug/l	96
52) Toluene	8.726	92	3481713	706.827	ug/l	96
67) Ethyl Benzene	10.195	91	1051198	82.522	ug/l	95
68) m/p-Xylenes	10.305	106	2160240	619.586	ug/l	93
69) o-Xylene	10.646	106	2155318	627.210	ug/l	94
73) Isopropylbenzene	10.963	105	57607	5.680	ug/l	99
78) n-propylbenzene	11.305	91	150942	12.470	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	483008	56.880	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	1776407	209.683	ug/l	83
95) Naphthalene	13.780	128	10011563	972.705	ug/l #	93

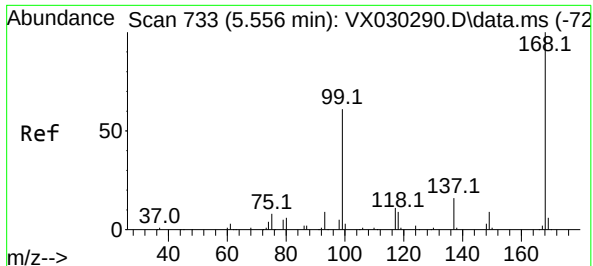
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
Data File : VX030373.D
Acq On : 03 Aug 2022 16:10
Operator : JC/MD
Sample : N3988-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
63022-D

Quant Time: Aug 04 04:42:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

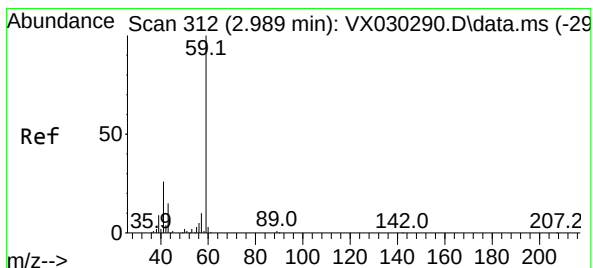
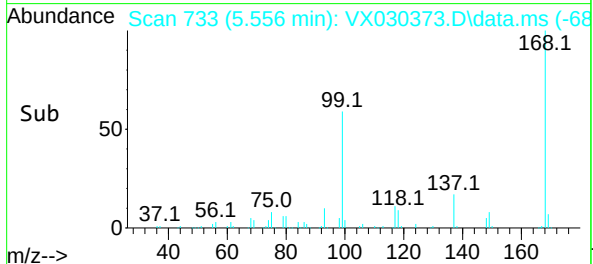
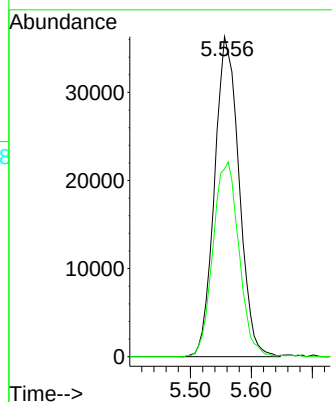
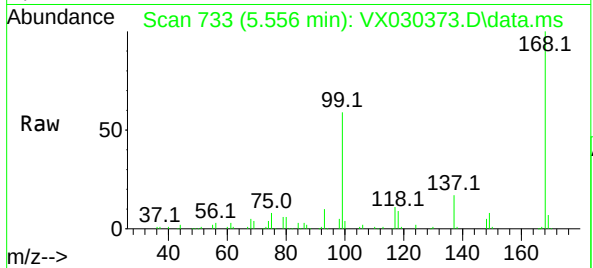




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

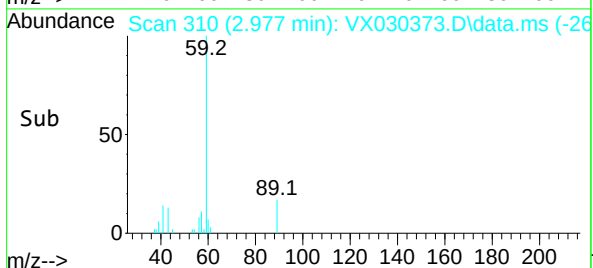
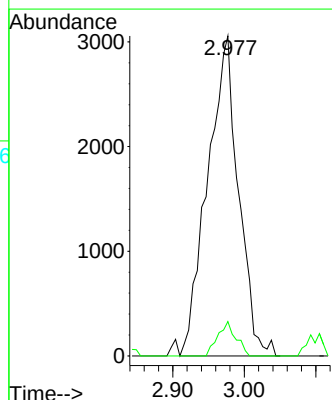
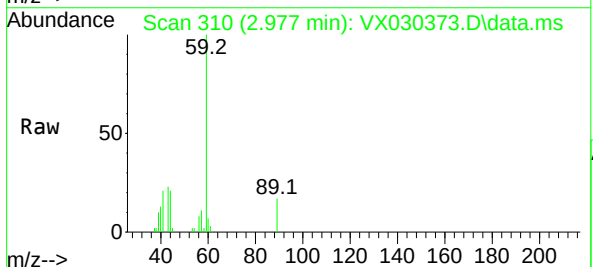
Instrument :
MSVOA_X
ClientSampleId :
63022-D

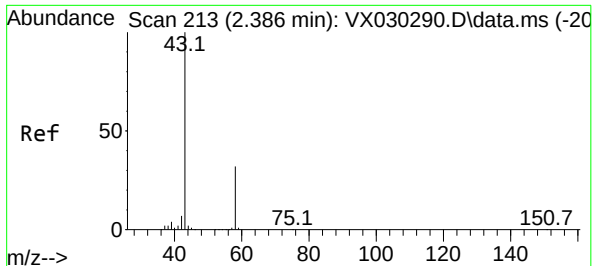
Tgt Ion:168 Resp: 101489
Ion Ratio Lower Upper
168 100
99 58.7 44.0 66.0



#11
Tert butyl alcohol
Concen: 18.461 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

Tgt Ion: 59 Resp: 9186
Ion Ratio Lower Upper
59 100
57 6.3 7.4 11.2#

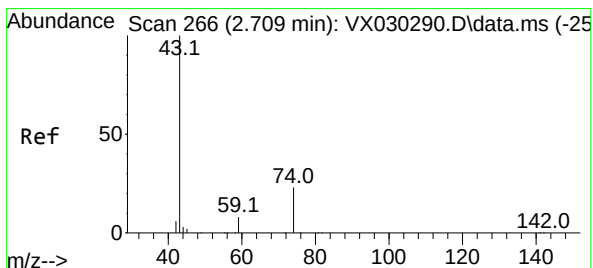
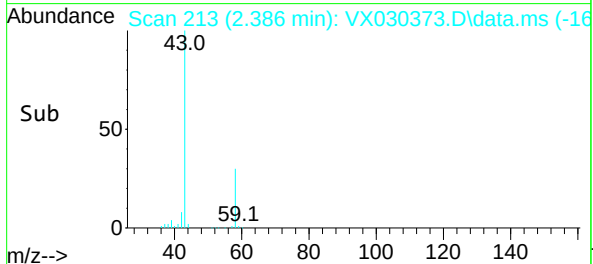
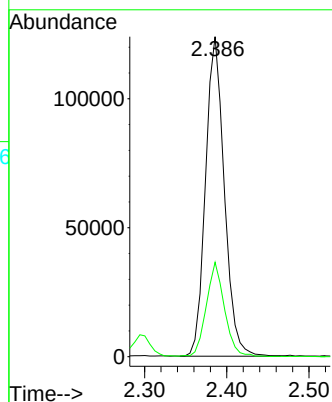
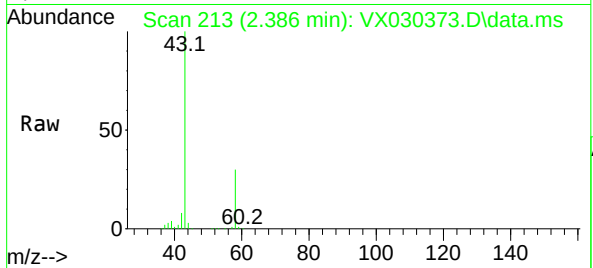




#16
Acetone
Concen: 188.457 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

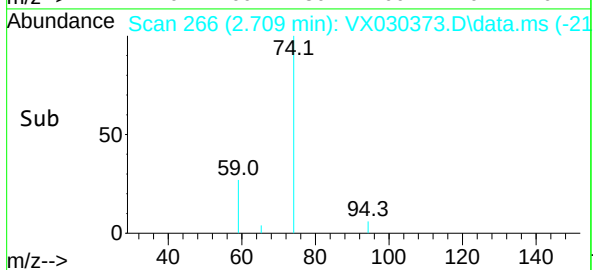
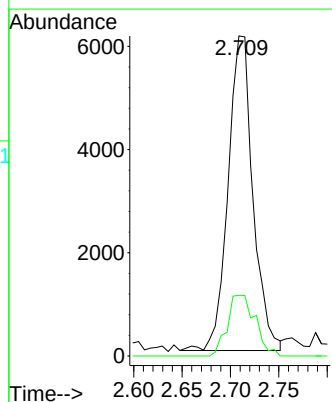
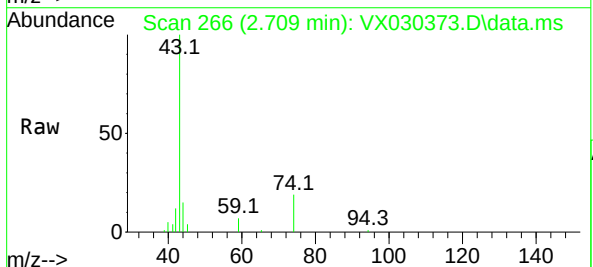
Instrument :
MSVOA_X
ClientSampleId :
63022-D

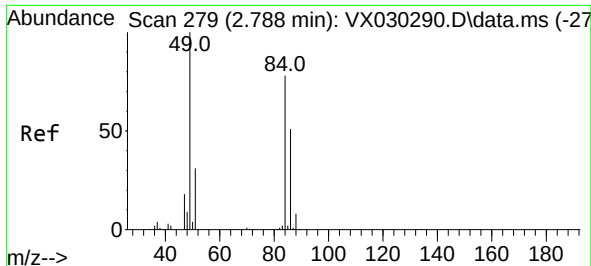
Tgt Ion: 43 Resp: 196816
Ion Ratio Lower Upper
43 100
58 29.5 27.7 41.5



#18
Methyl Acetate
Concen: 3.539 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

Tgt Ion: 43 Resp: 10933
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2





#20

Methylene Chloride

Concen: 9.175 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX030373.D

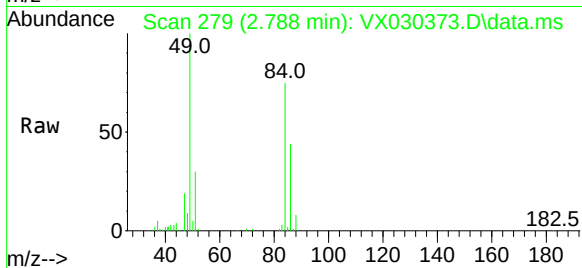
Acq: 03 Aug 2022 16:10

Instrument :

MSVOA_X

ClientSampleId :

63022-D



Tgt Ion: 84 Resp: 20131

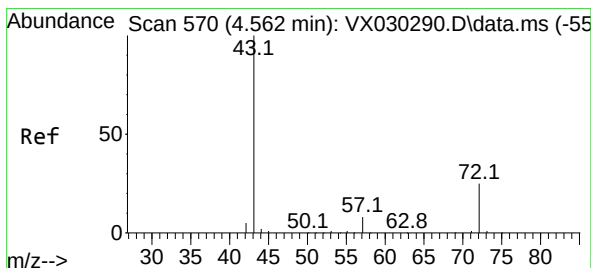
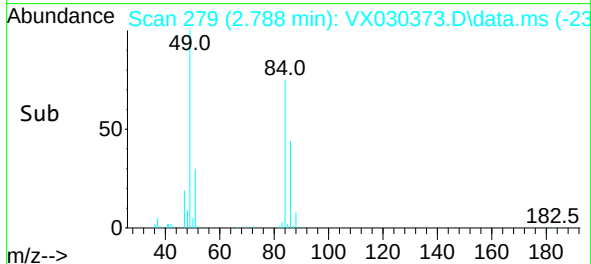
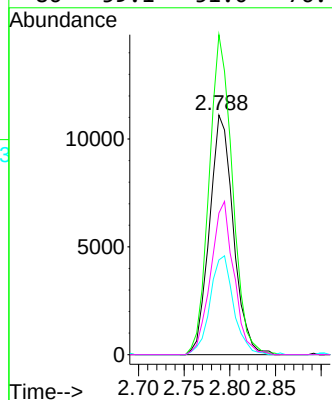
Ion Ratio Lower Upper

84 100

49 133.6 93.8 140.6

51 39.6 29.4 44.0

86 59.1 51.0 76.4



#25

2-Butanone

Concen: 21.464 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX030373.D

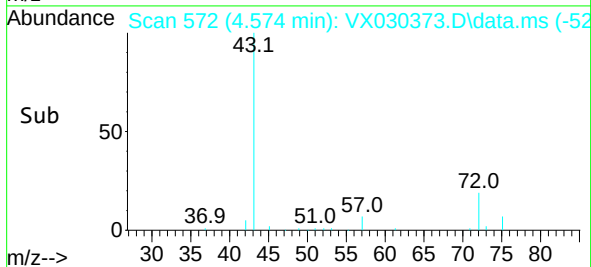
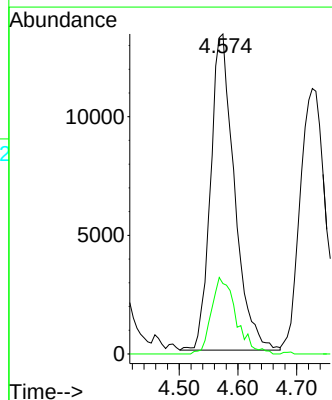
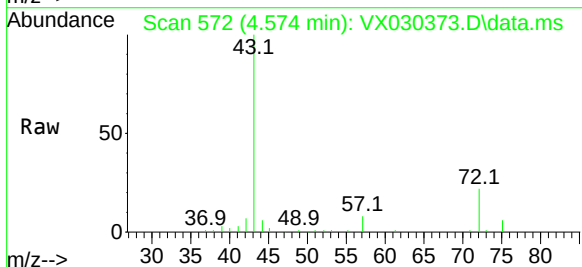
Acq: 03 Aug 2022 16:10

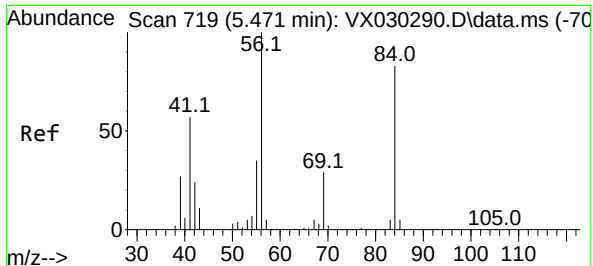
Tgt Ion: 43 Resp: 37668

Ion Ratio Lower Upper

43 100

72 22.3 21.7 32.5

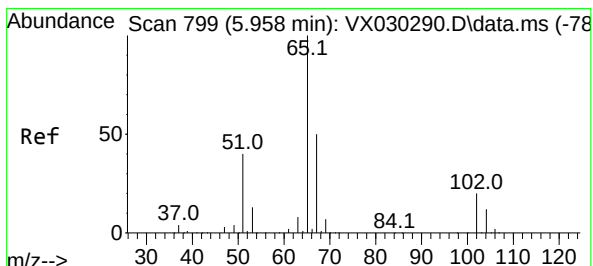
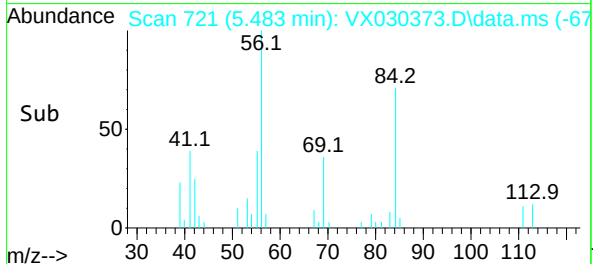
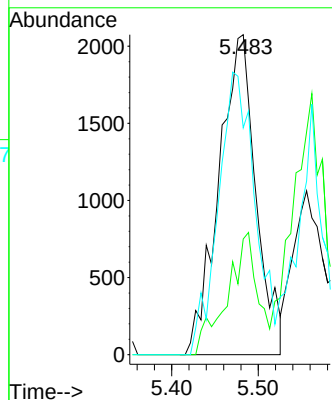
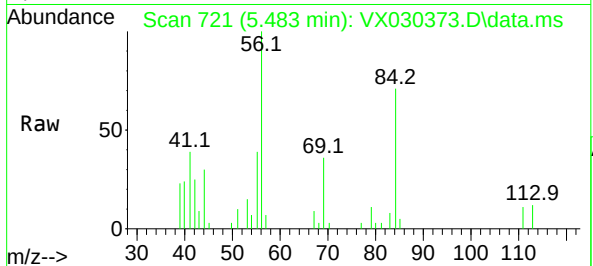




#31
Cyclohexane
Concen: 2.085 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.013 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

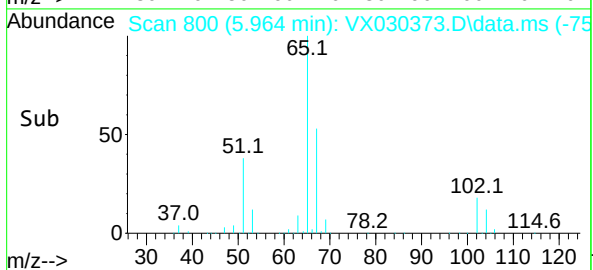
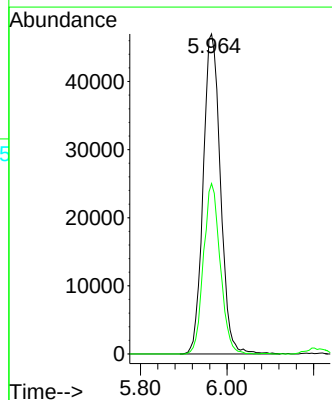
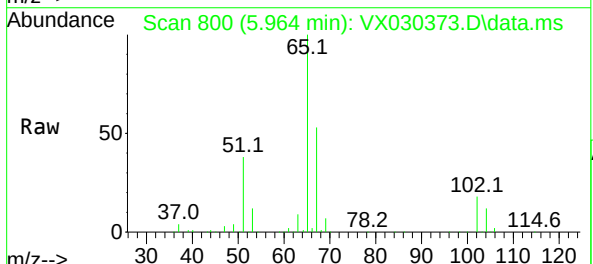
Instrument :
MSVOA_X
ClientSampleId :
63022-D

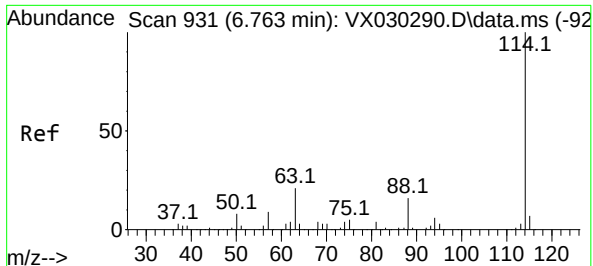
Tgt Ion: 56 Resp: 6176
Ion Ratio Lower Upper
56 100
69 36.1 25.4 38.0
84 70.9 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 63.725 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

Tgt Ion: 65 Resp: 129991
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX030373.D

Acq: 03 Aug 2022 16:10

Instrument :

MSVOA_X

ClientSampleId :

63022-D

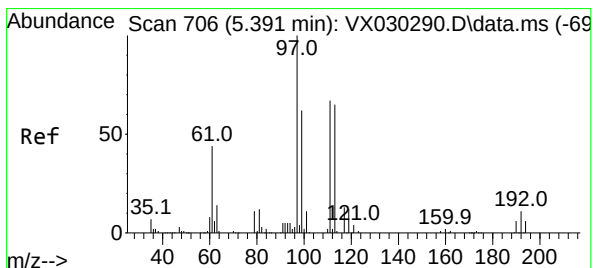
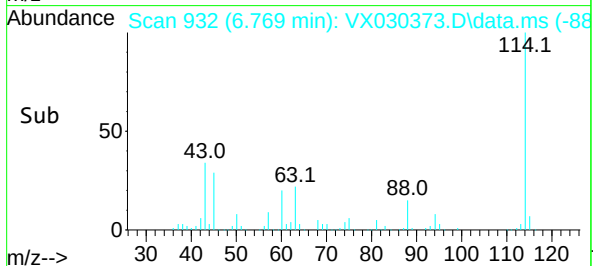
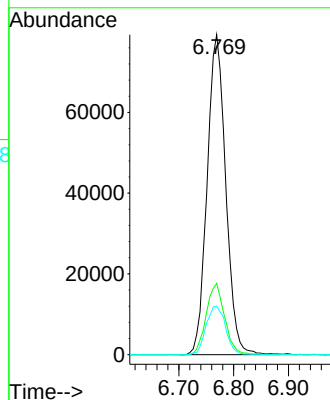
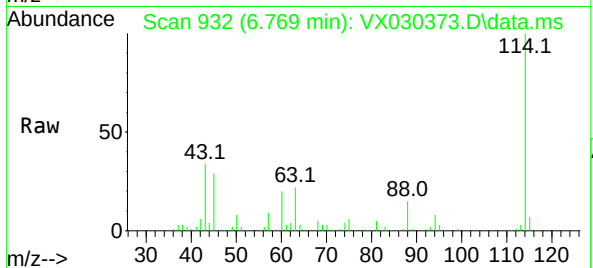
Tgt Ion:114 Resp: 186528

Ion Ratio Lower Upper

114 100

63 22.3 0.0 38.4

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.292 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030373.D

Acq: 03 Aug 2022 16:10

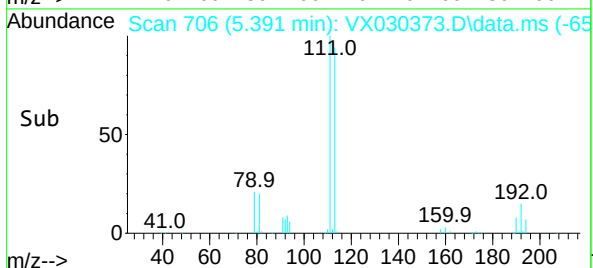
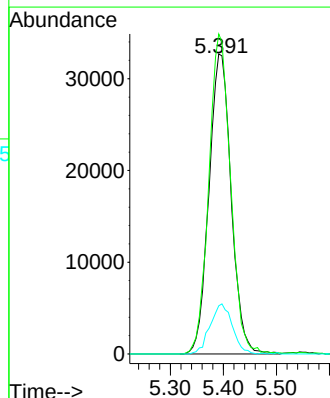
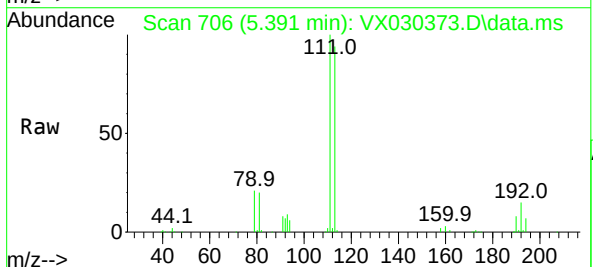
Tgt Ion:113 Resp: 95026

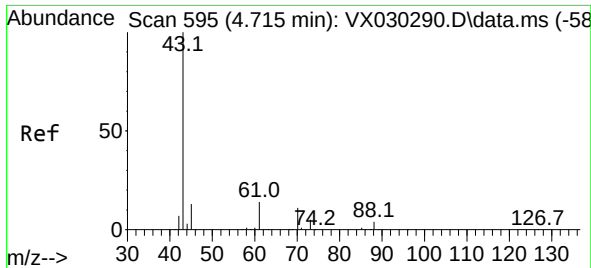
Ion Ratio Lower Upper

113 100

111 104.7 83.2 124.8

192 16.8 14.8 22.2

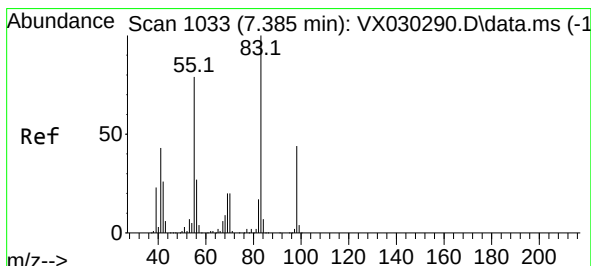
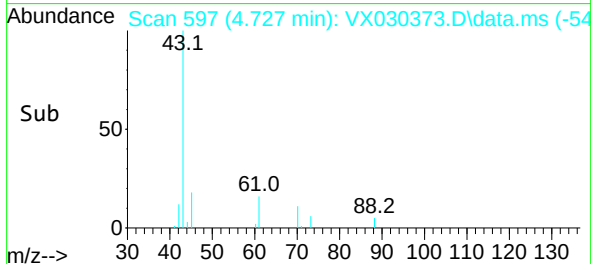
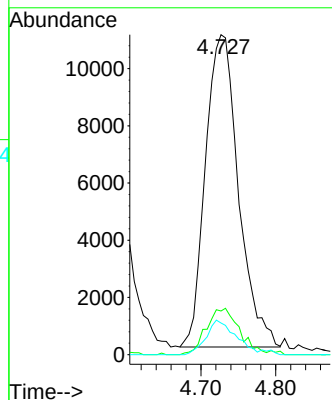
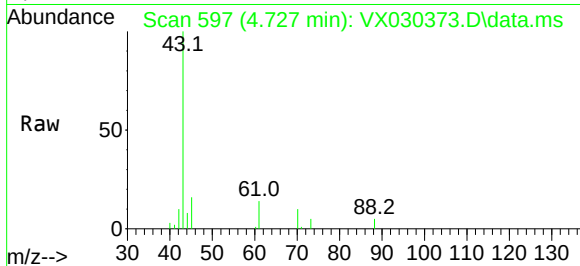




#37
Ethyl Acetate
Concen: 9.236 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.007 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

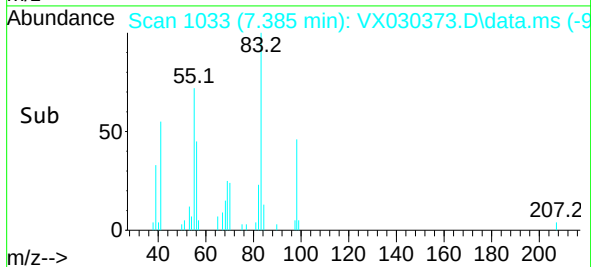
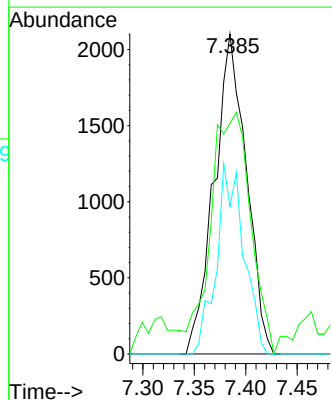
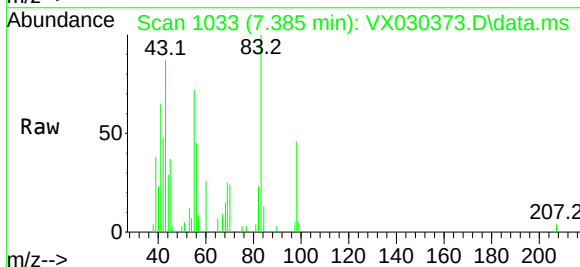
Instrument :
MSVOA_X
ClientSampleId :
63022-D

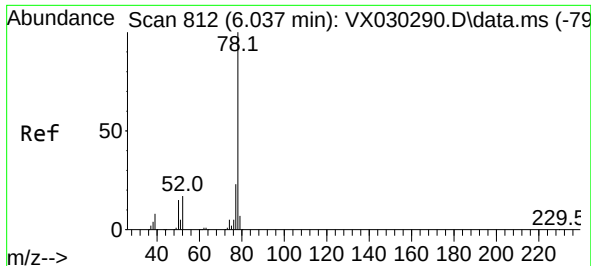
Tgt Ion: 43 Resp: 33561
Ion Ratio Lower Upper
43 100
61 14.9 11.7 17.5
70 10.4 9.3 13.9



#39
Methylcyclohexane
Concen: 1.381 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.001 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

Tgt Ion: 83 Resp: 4574
Ion Ratio Lower Upper
83 100
55 66.6 57.7 86.5
98 46.1 36.5 54.7

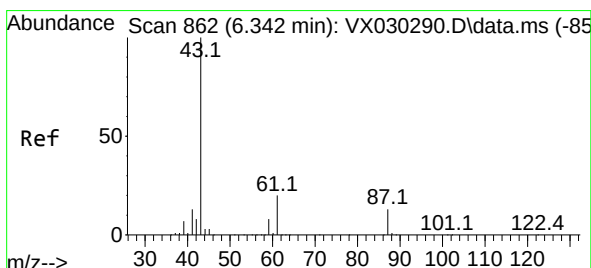
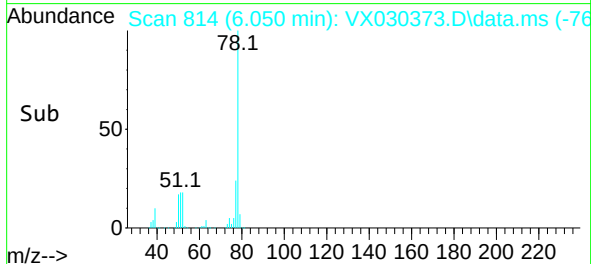
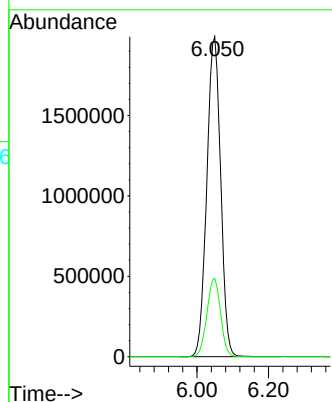
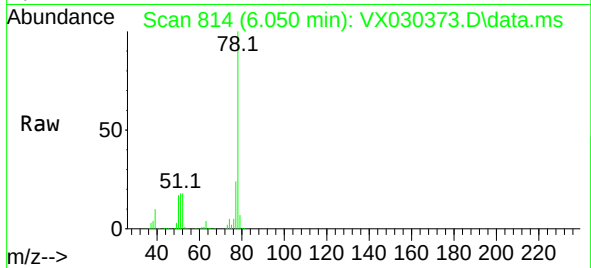




#40
Benzene
Concen: 661.138 ug/l
RT: 6.050 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

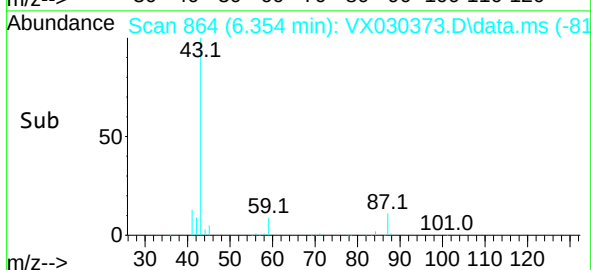
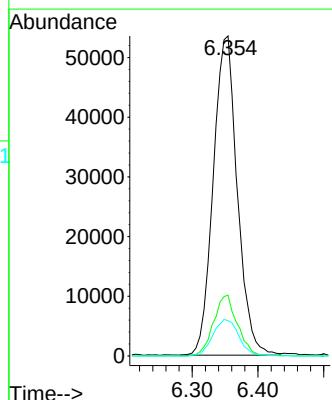
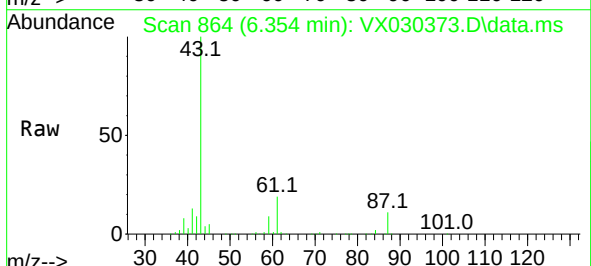
Instrument :
MSVOA_X
ClientSampleId :
63022-D

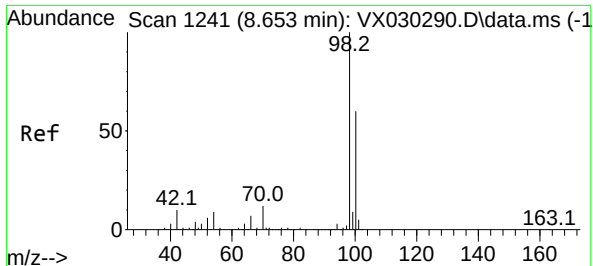
Tgt Ion: 78 Resp: 5337836
Ion Ratio Lower Upper
78 100
77 24.5 18.0 27.0



#43
Isopropyl Acetate
Concen: 25.583 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

Tgt Ion: 43 Resp: 136285
Ion Ratio Lower Upper
43 100
61 18.8 16.5 24.7
87 12.3 11.1 16.7

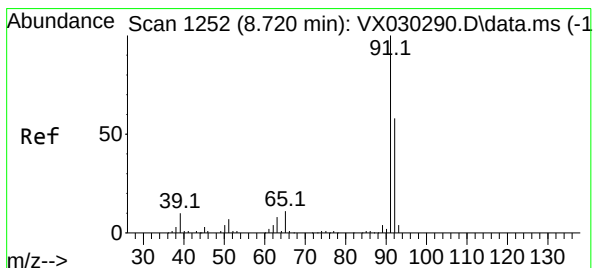
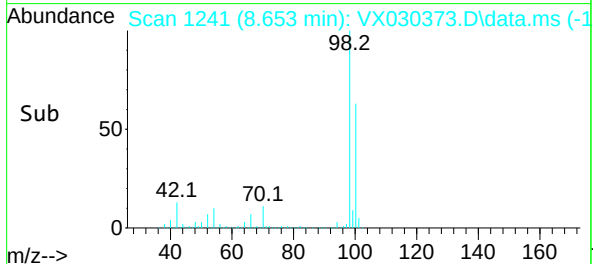
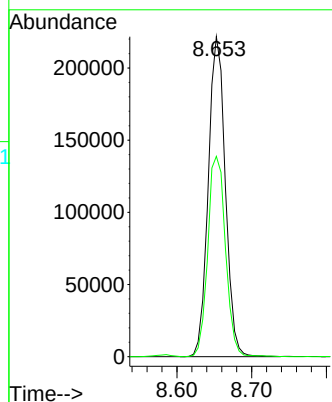
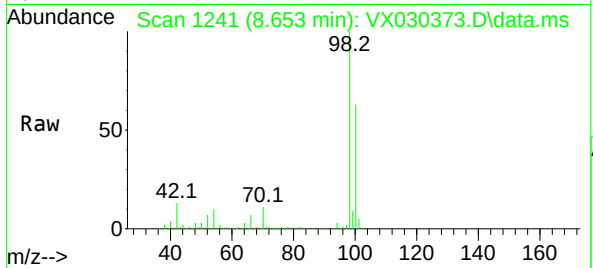




#50
Toluene-d8
Concen: 50.971 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

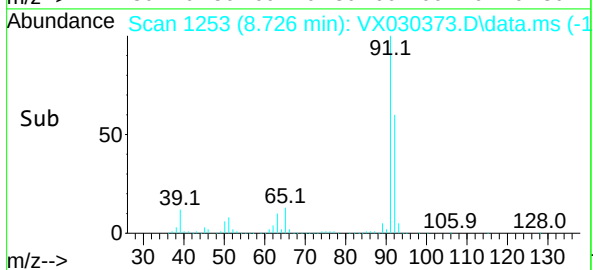
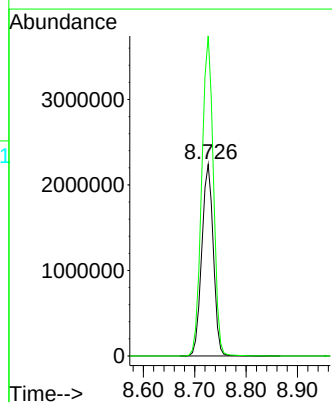
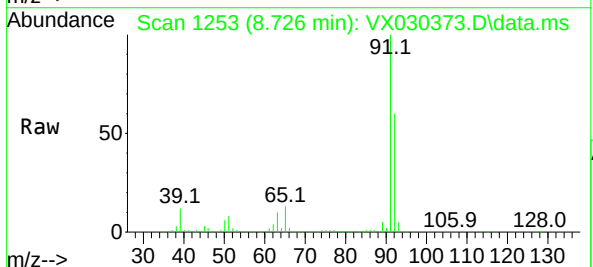
Instrument :
MSVOA_X
ClientSampleId :
63022-D

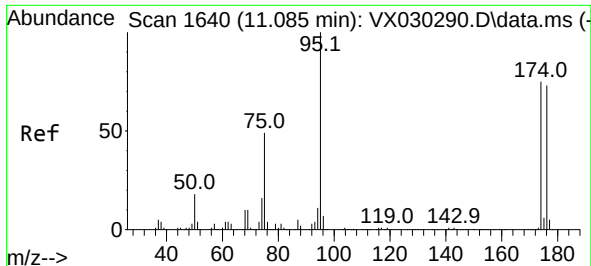
Tgt Ion: 98 Resp: 351973
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#52
Toluene
Concen: 706.827 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

Tgt Ion: 92 Resp: 3481713
Ion Ratio Lower Upper
92 100
91 168.9 139.2 208.8

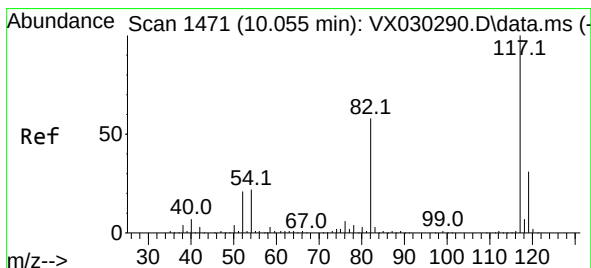
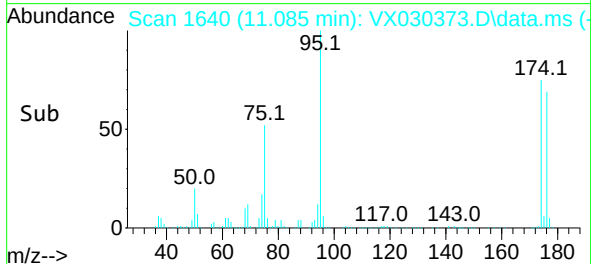
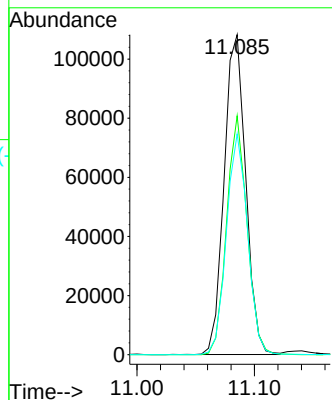
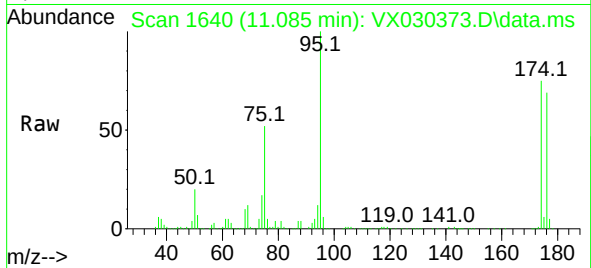




#62
4-Bromofluorobenzene
Concen: 53.985 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

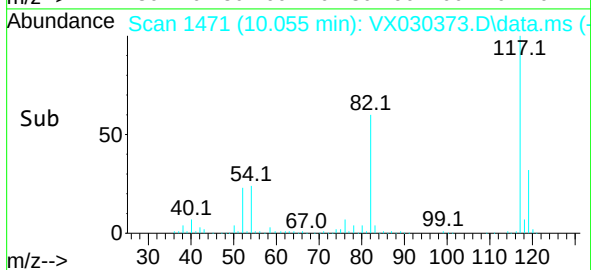
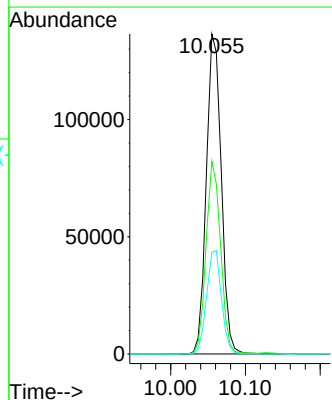
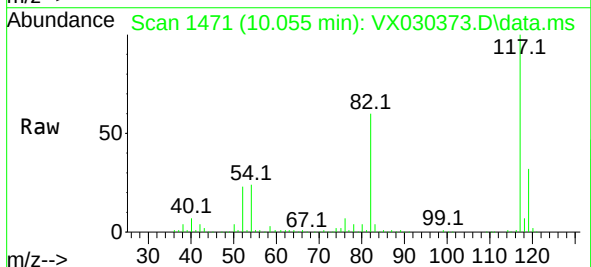
Instrument :
MSVOA_X
ClientSampleId :
63022-D

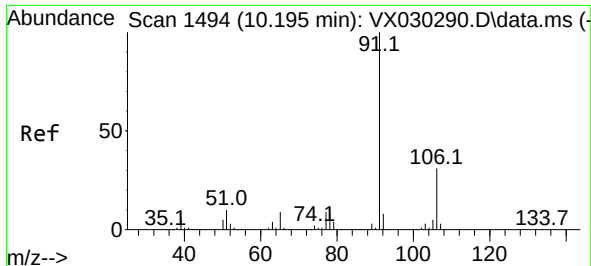
Tgt Ion: 95 Resp: 138351
Ion Ratio Lower Upper
95 100
174 70.6 0.0 149.0
176 67.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

Tgt Ion: 117 Resp: 189470
Ion Ratio Lower Upper
117 100
82 60.2 42.7 64.1
119 31.8 25.4 38.2

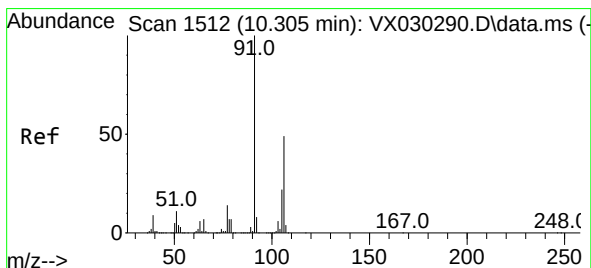
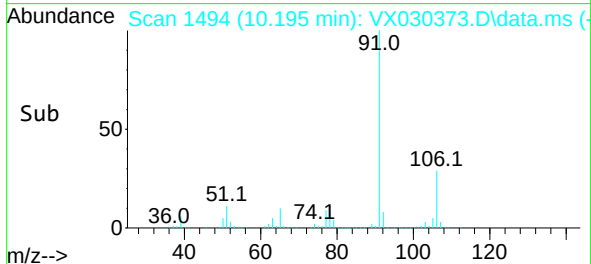
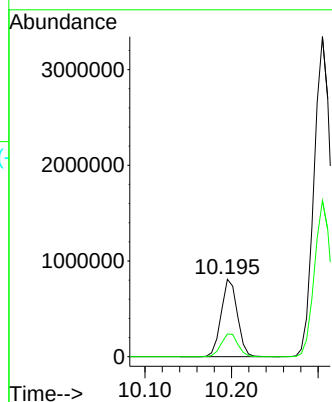
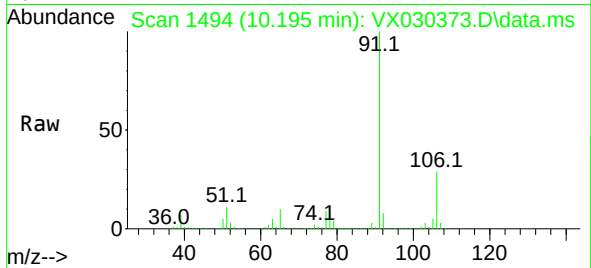




#67
Ethyl Benzene
Concen: 82.522 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

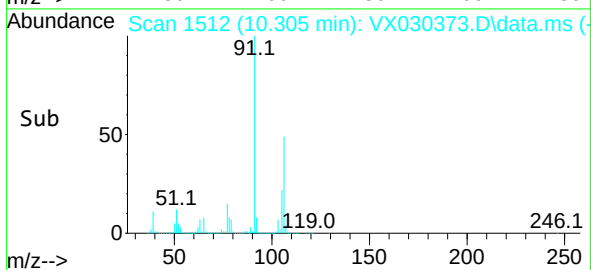
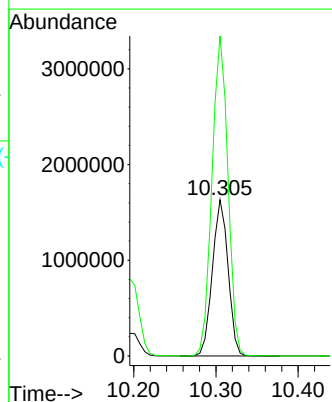
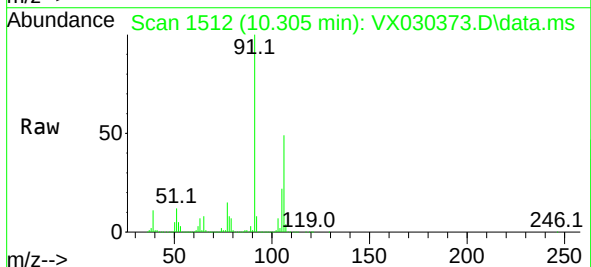
Instrument :
MSVOA_X
ClientSampleId :
63022-D

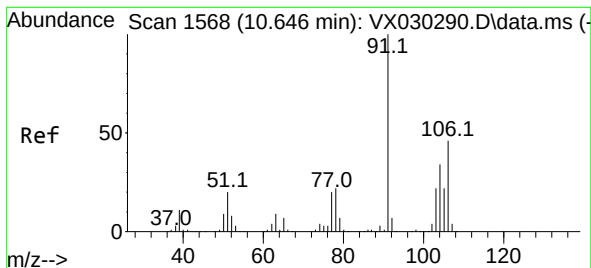
Tgt Ion: 91 Resp: 1051198
Ion Ratio Lower Upper
91 100
106 29.3 25.5 38.3



#68
m/p-Xylenes
Concen: 619.586 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

Tgt Ion: 106 Resp: 2160240
Ion Ratio Lower Upper
106 100
91 208.3 158.2 237.4





#69

o-Xylene

Concen: 627.210 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX030373.D

Acq: 03 Aug 2022 16:10

Instrument :

MSVOA_X

ClientSampleId :

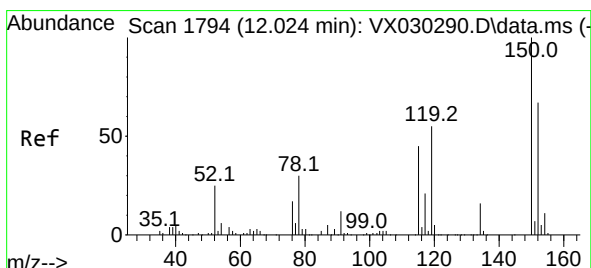
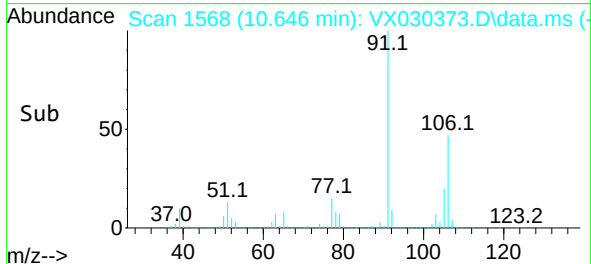
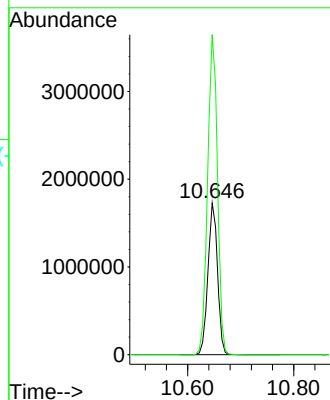
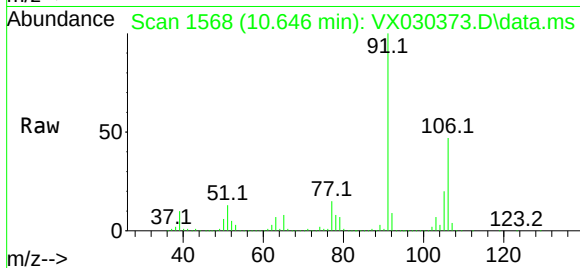
63022-D

Tgt Ion:106 Resp: 2155318

Ion Ratio Lower Upper

106 100

91 217.5 103.8 311.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030373.D

Acq: 03 Aug 2022 16:10

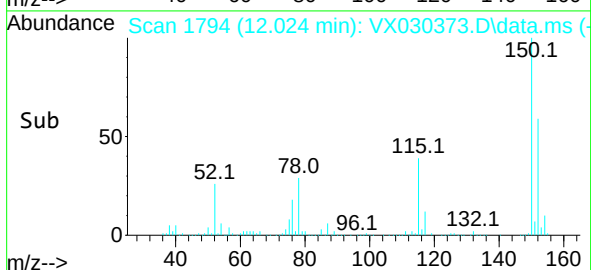
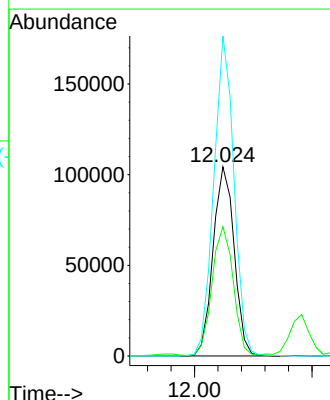
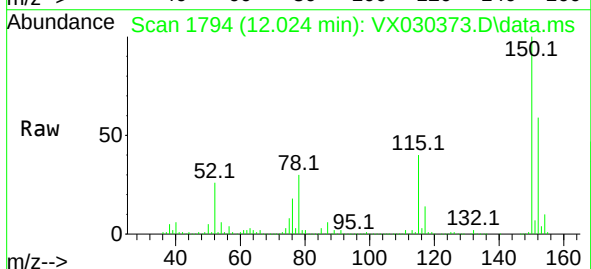
Tgt Ion:152 Resp: 129906

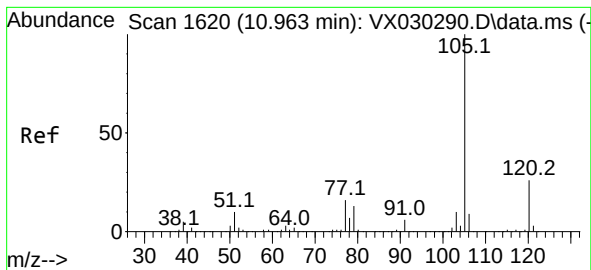
Ion Ratio Lower Upper

152 100

115 68.0 40.5 121.5

150 162.0 0.0 347.0





#73

Isopropylbenzene

Concen: 5.680 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX030373.D

Acq: 03 Aug 2022 16:10

Instrument :

MSVOA_X

ClientSampleId :

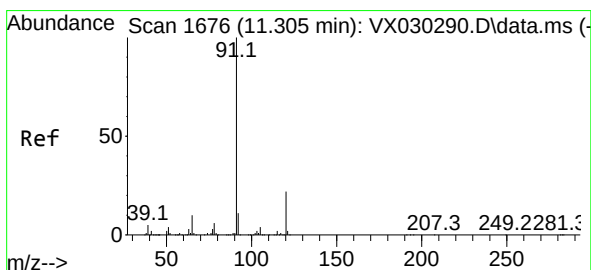
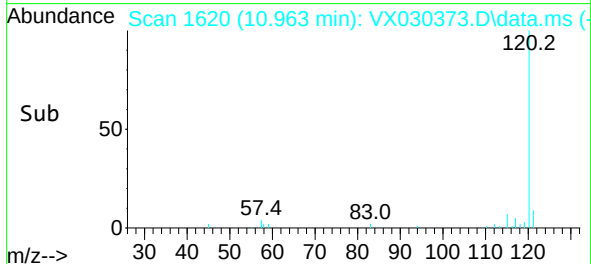
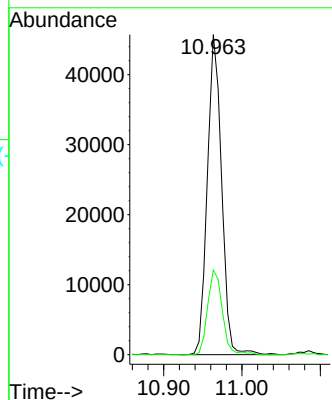
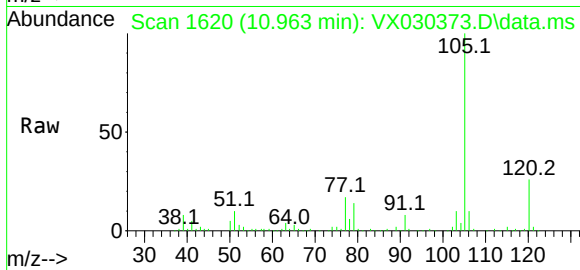
63022-D

Tgt Ion:105 Resp: 57607

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#78

n-propylbenzene

Concen: 12.470 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.005 min

Lab File: VX030373.D

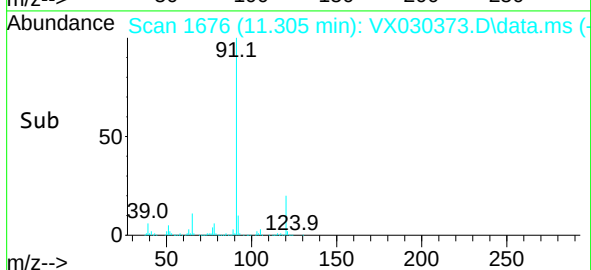
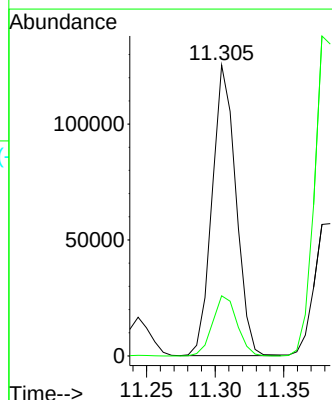
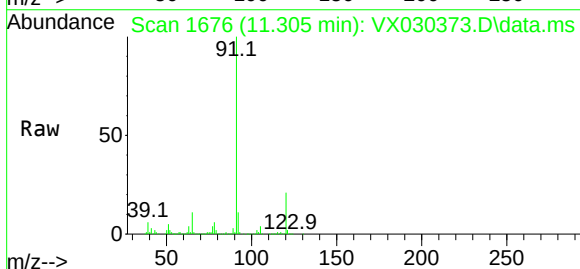
Acq: 03 Aug 2022 16:10

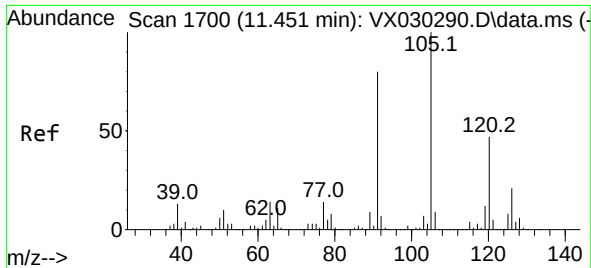
Tgt Ion: 91 Resp: 150942

Ion Ratio Lower Upper

91 100

120 21.4 11.6 34.8

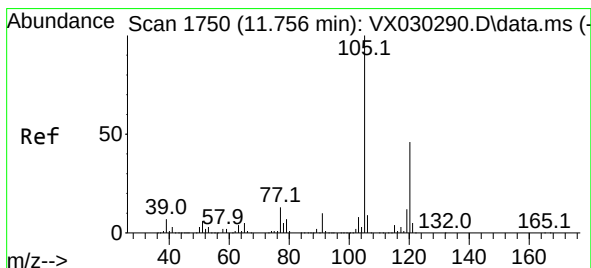
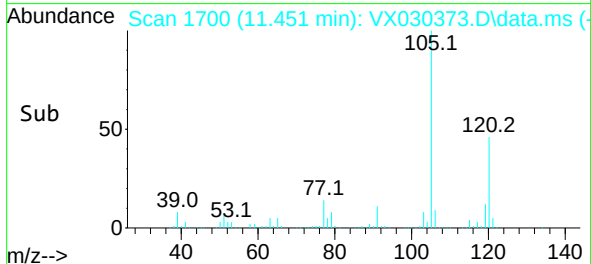
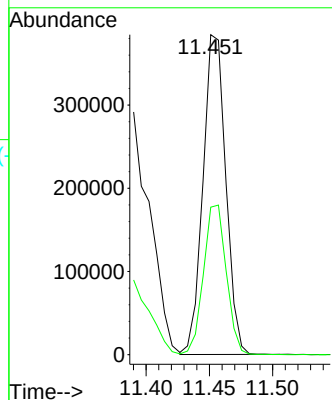
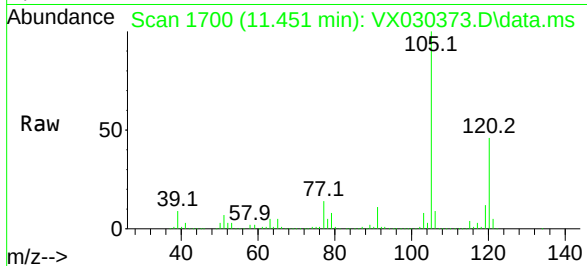




#80
 1,3,5-Trimethylbenzene
 Concen: 56.880 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.006 min
 Lab File: VX030373.D
 Acq: 03 Aug 2022 16:10

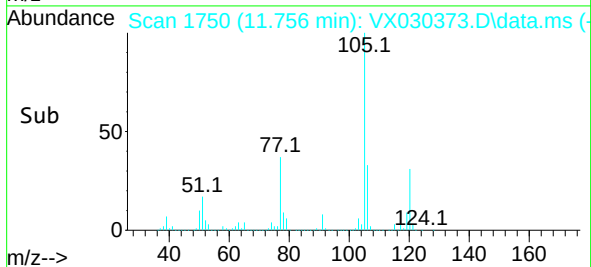
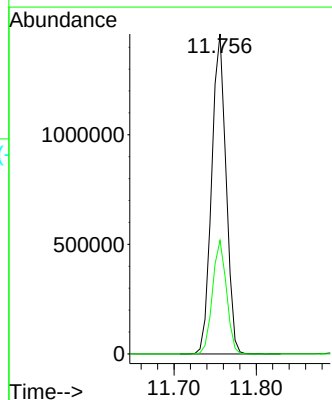
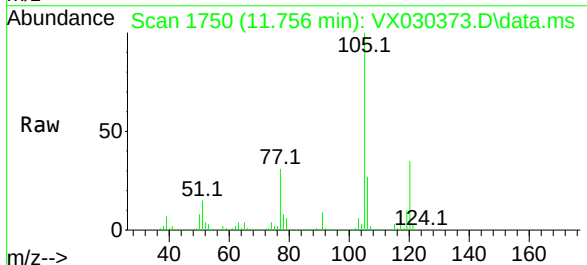
Instrument :
 MSVOA_X
 ClientSampleId :
 63022-D

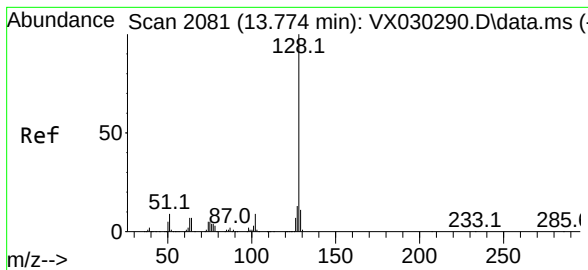
Tgt Ion:105 Resp: 483008
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 209.683 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030373.D
 Acq: 03 Aug 2022 16:10

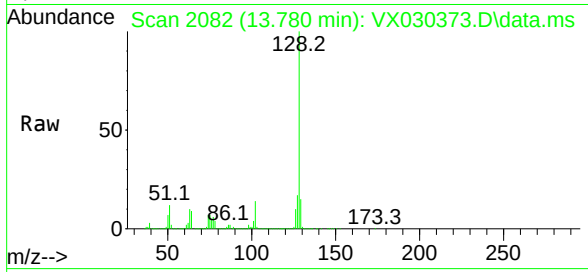
Tgt Ion:105 Resp: 1776407
 Ion Ratio Lower Upper
 105 100
 120 34.4 22.9 68.8





#95
Naphthalene
Concen: 972.705 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX030373.D
Acq: 03 Aug 2022 16:10

Instrument :
MSVOA_X
ClientSampleId :
63022-D



Tgt Ion:128 Resp:10011563
Ion Ratio Lower Upper
128 100
127 15.7 10.2 15.2#
129 13.5 8.6 13.0#

