

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029582.D
 Acq On : 18 Jun 2022 20:06
 Operator : JC/MD
 Sample : N3290-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Quant Time: Jun 20 01:36:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/23/2022
 Supervised By : Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	282173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	471666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	419043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156762	41.969	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.940%		
35) Dibromofluoromethane	5.391	113	138669	45.114	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.220%		
50) Toluene-d8	8.653	98	539743	48.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.140%		
62) 4-Bromofluorobenzene	11.079	95	202677	47.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.720%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	525542	660.854	ug/l	99
16) Acetone	2.386	43	12426	8.346	ug/l	99
17) Carbon Disulfide	2.514	76	1993	0.269	ug/l #	95
19) Methyl tert-butyl Ether	3.117	73	263861	26.587	ug/l #	87
22) Diisopropyl ether	3.763	45	25029	2.741	ug/l #	88
25) 2-Butanone	4.574	43	5884	2.500	ug/l	96
31) Cyclohexane	5.476	56	94263	18.798	ug/l	97
39) Methylcyclohexane	7.385	83	33554	6.469	ug/l	87
40) Benzene	6.043	78	3693303	299.495	ug/l	99
52) Toluene	8.720	92	244115	30.914	ug/l	98
67) Ethyl Benzene	10.195	91	379226	25.638	ug/l	99
68) m/p-Xylenes	10.305	106	2440789	423.138	ug/l	94
69) o-Xylene	10.646	106	183567	32.210	ug/l	98
73) Isopropylbenzene	10.963	105	521072	35.968	ug/l	98
78) n-propylbenzene	11.305	91	1453858	89.103	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	308053	25.249	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	572056	47.012	ug/l	100
85) sec-Butylbenzene	11.890	105	48267	3.274	ug/l	98
86) p-Isopropyltoluene	12.012	119	6163m	0.499	ug/l	
89) n-Butylbenzene	12.335	91	63015	6.048	ug/l #	63
95) Naphthalene	13.780	128	1742432	128.562	ug/l	99

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

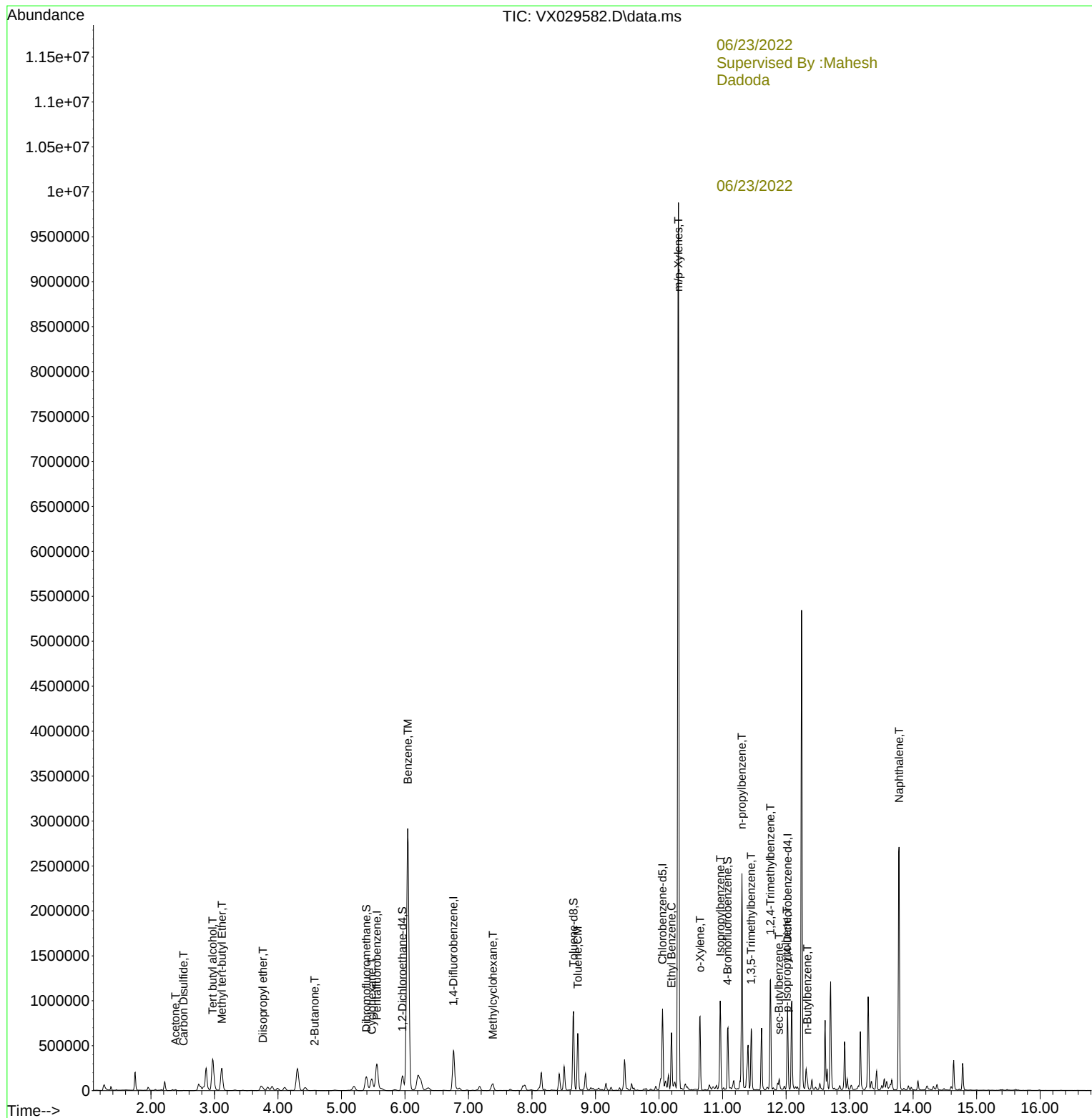
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029582.D
Acq On : 18 Jun 2022 20:06
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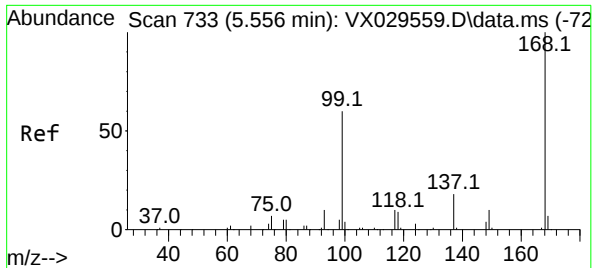
Instrument :
MSVOA_X
ClientSampleId :
MW-10

Quant Time: Jun 20 01:36:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

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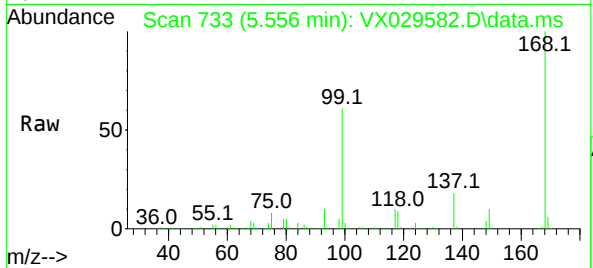
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

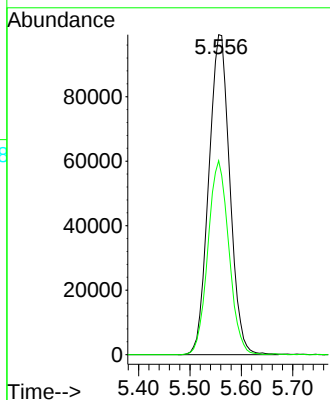
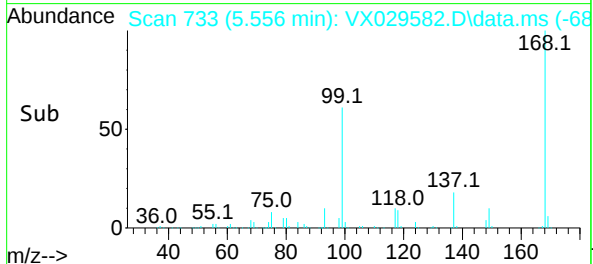
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion:168 Resp: 28217
Ion Ratio Lower Upper
168 100
99 60.6 41.7 62.5

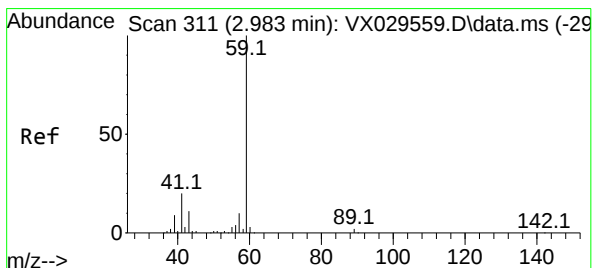
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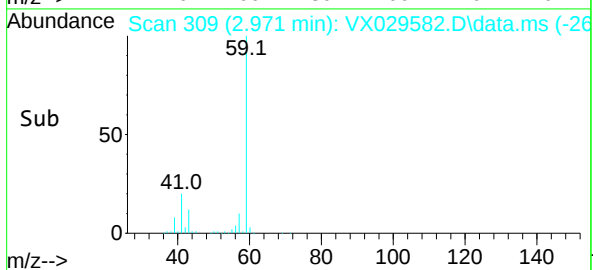
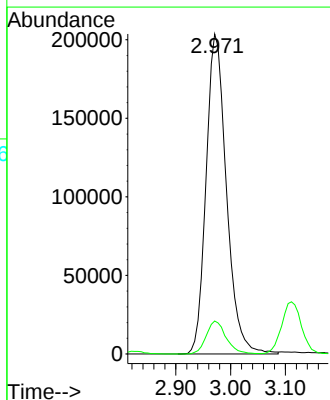
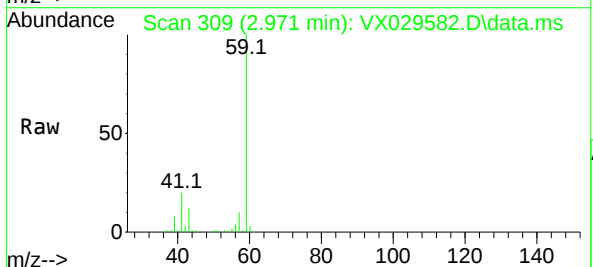
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Supervised By :Mahesh
Dadoda

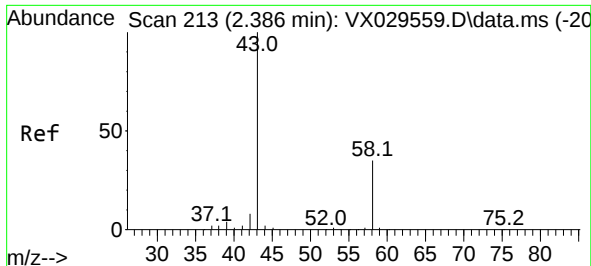
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#11
Tert butyl alcohol
Concen: 660.854 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

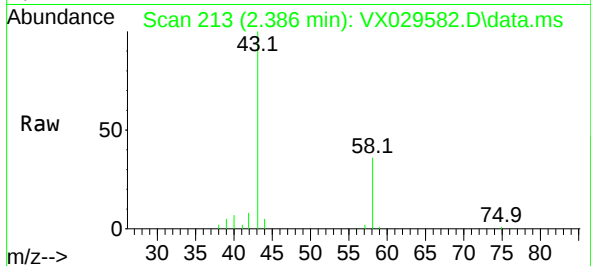
Tgt Ion: 59 Resp: 525542
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5





#16
Acetone
Concen: 8.346 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

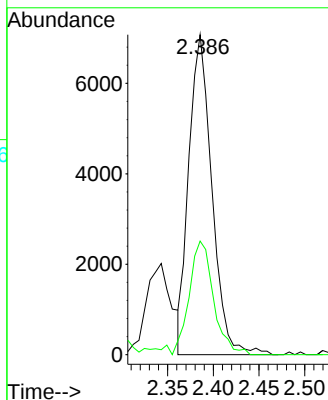
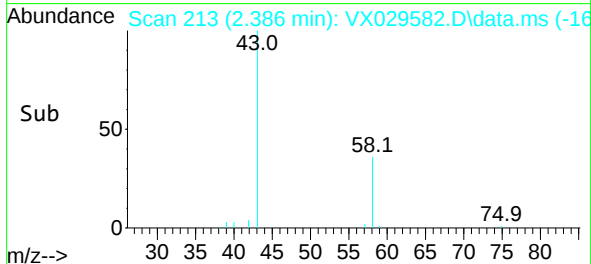
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion: 43 Resp: 12420
Ion Ratio Lower Upper
43 100
58 35.5 28.8 43.2

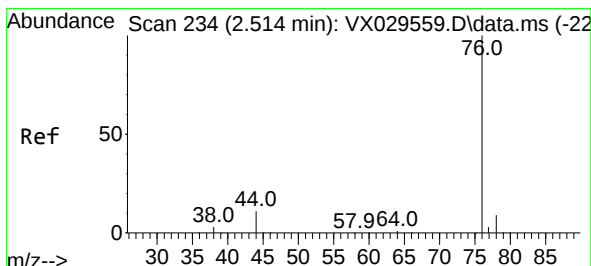
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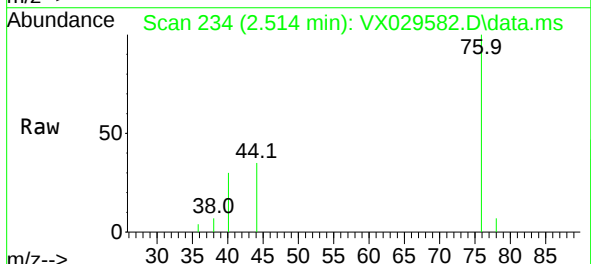


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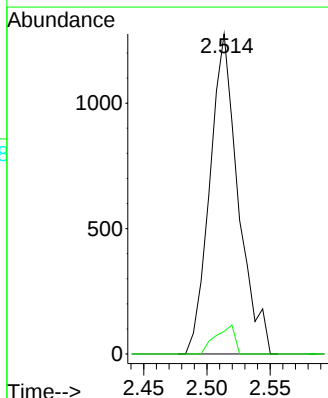
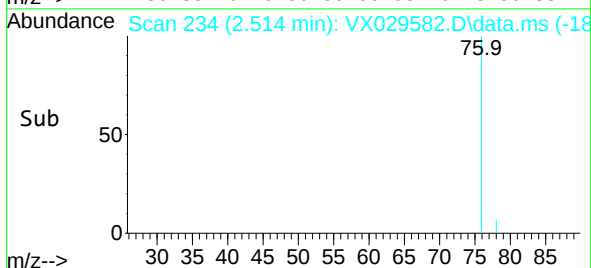
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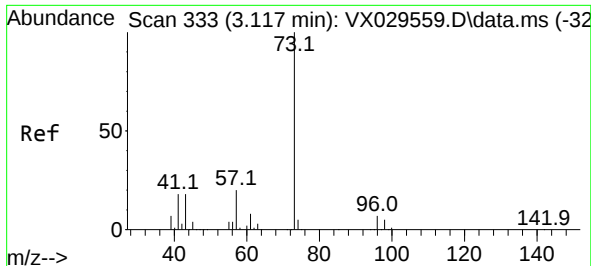


#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06



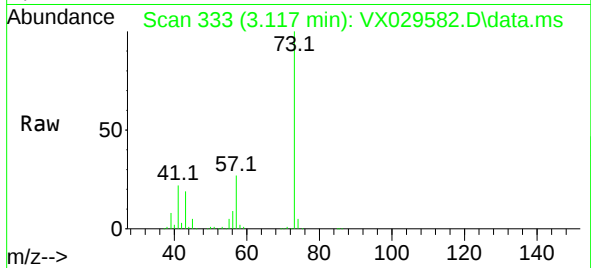
Tgt Ion: 76 Resp: 1993
Ion Ratio Lower Upper
76 100
78 7.1 7.2 10.8#





#19
Methyl tert-butyl Ether
Concen: 26.587 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

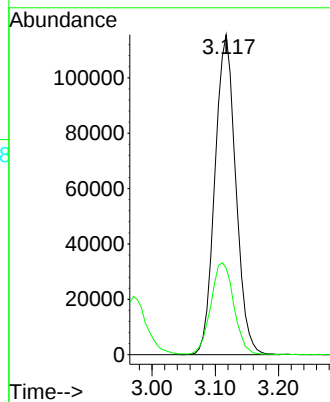
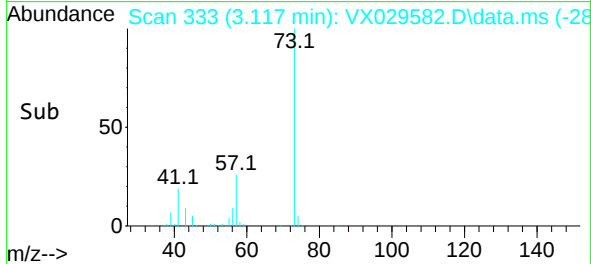
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion: 73 Resp: 26386
Ion Ratio Lower Upper
73 100
57 27.0 16.8 25.2

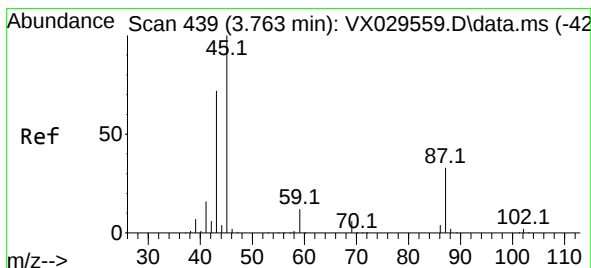
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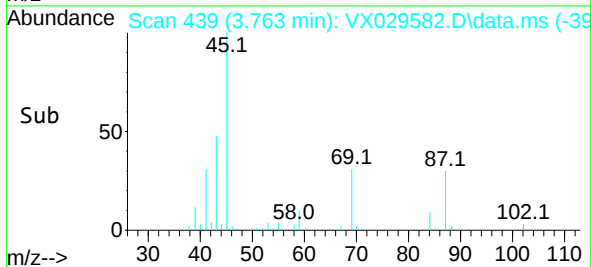
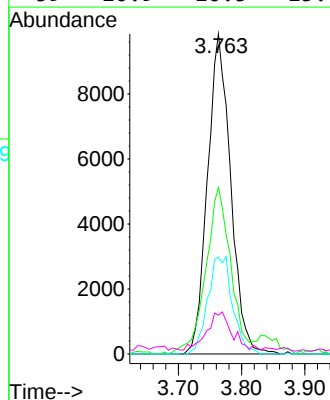
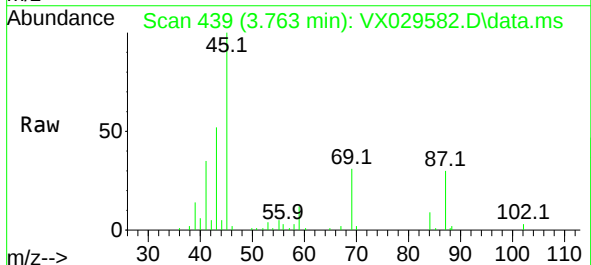
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Supervised By :Mahesh
Dadoda

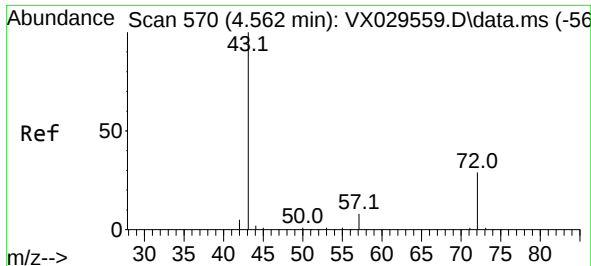
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#22
Diisopropyl ether
Concen: 2.741 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

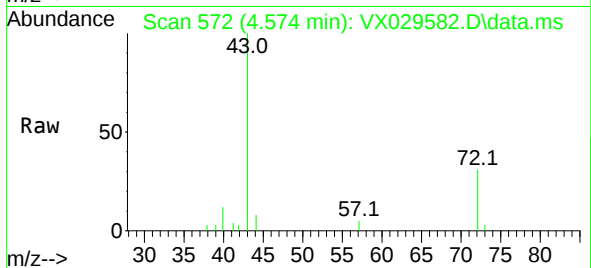
Tgt Ion: 45 Resp: 25029
Ion Ratio Lower Upper
45 100
43 50.2 50.8 76.2#
87 30.3 26.6 39.8
59 10.9 10.5 15.7





#25
2-Butanone
Concen: 2.500 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

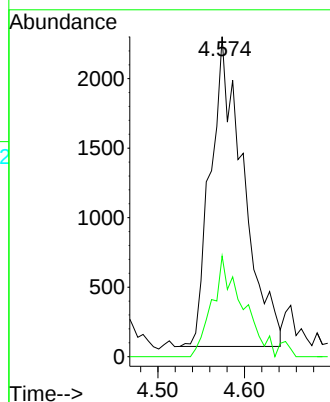
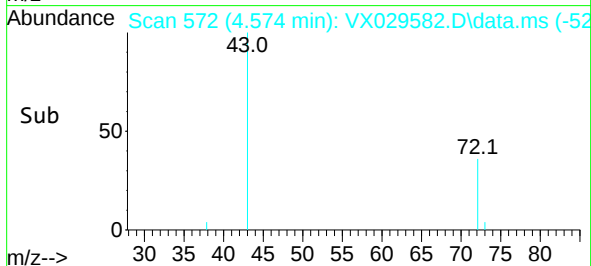
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion: 43 Resp: 5884
Ion Ratio Lower Upper
43 100
72 32.5 24.4 36.6

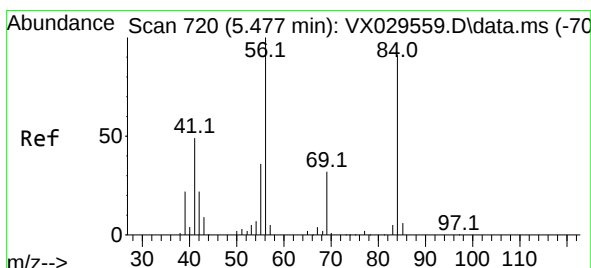
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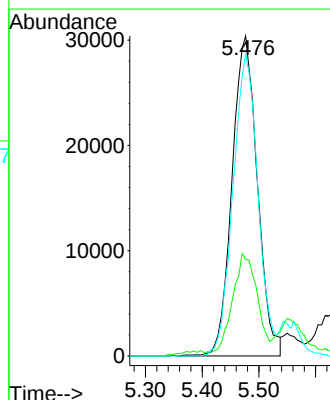
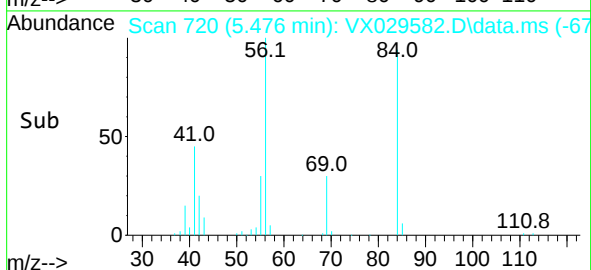
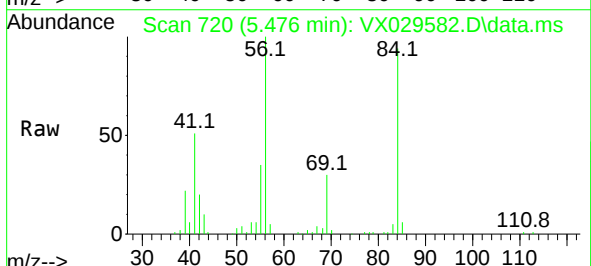
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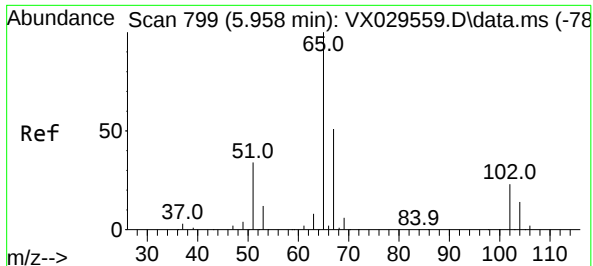
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#31
Cyclohexane
Concen: 18.798 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.001 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

Tgt Ion: 56 Resp: 94263
Ion Ratio Lower Upper
56 100
69 29.5 26.7 40.1
84 94.2 77.2 115.8





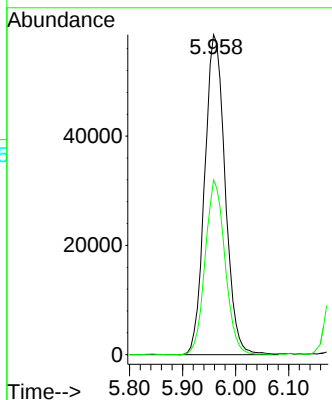
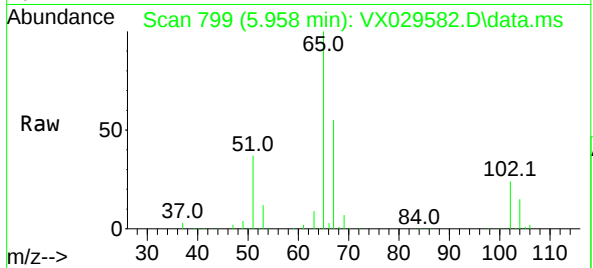
#33
1,2-Dichloroethane-d4
Concen: 41.969 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

Instrument :
MSVOA_X
Client Sample Id :
MW-10

Tgt Ion: 65 Resp: 156762
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.4

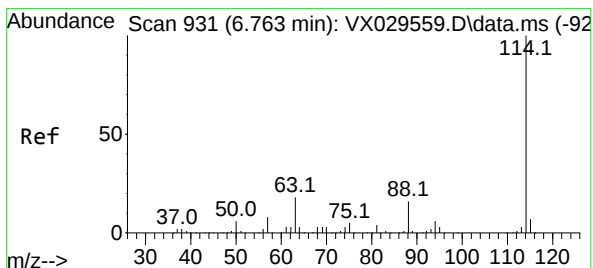
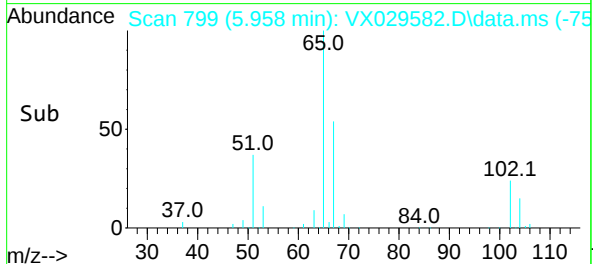
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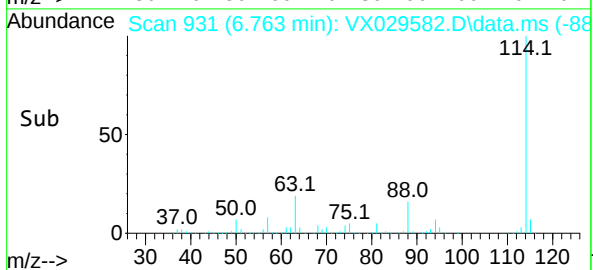
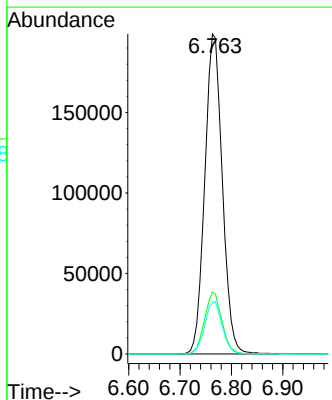
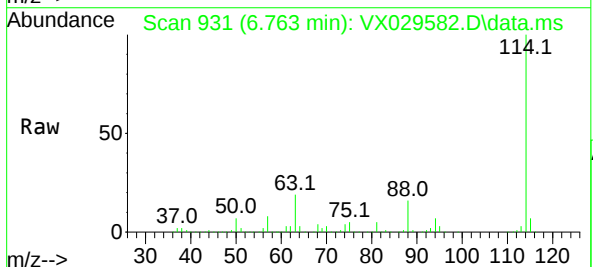
06/23/2022
Supervised By :Mahesh
Dadoda

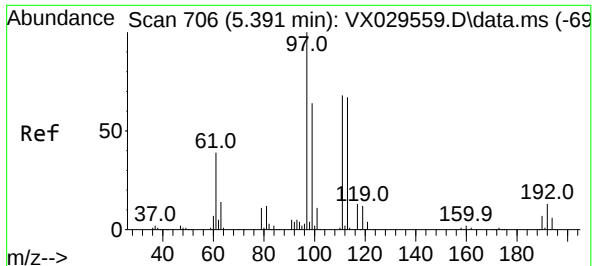
06/23/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

Tgt Ion:114 Resp: 471666
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.114 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029582.D

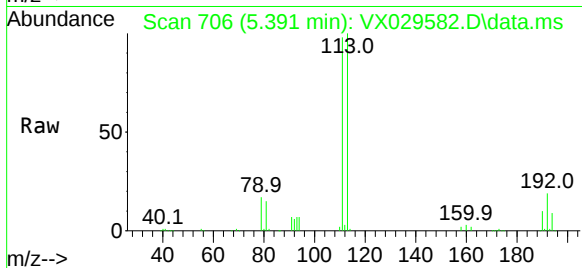
Acq: 18 Jun 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

MW-10



Tgt Ion: 113 Resp: 13866

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

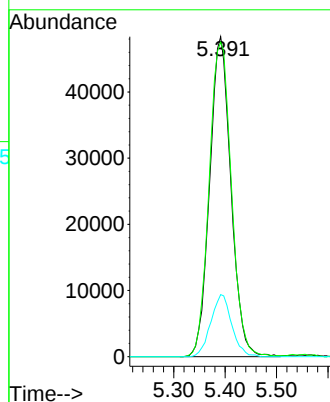
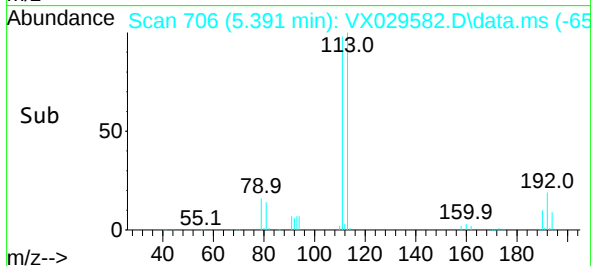
192 19.1 16.9 25.3

Manual Integrations

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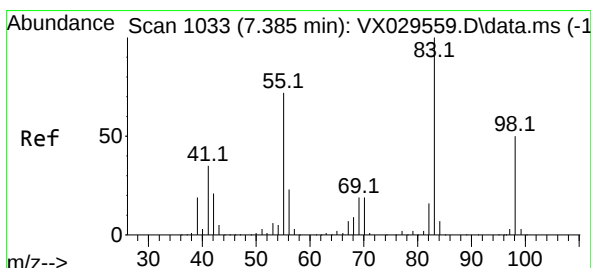
Supervised By :Mahesh Dadoda 06/23/2022



06/23/2022

Supervised By :Mahesh
Dadoda

06/23/2022



#39

Methylcyclohexane

Concen: 6.469 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029582.D

Acq: 18 Jun 2022 20:06

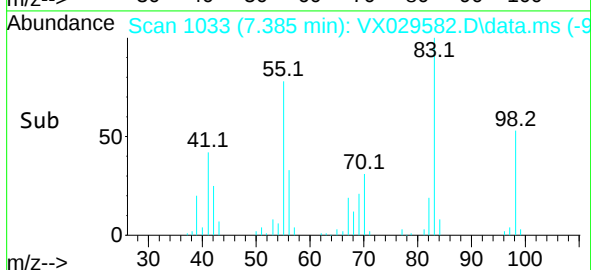
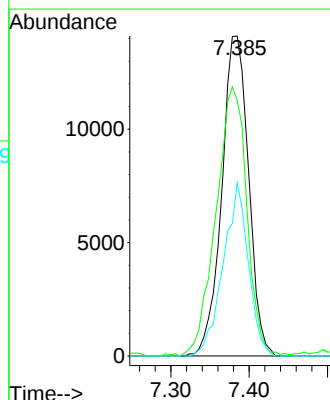
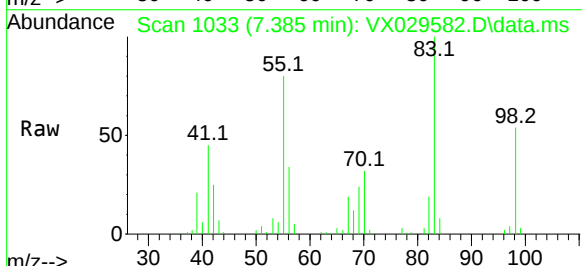
Tgt Ion: 83 Resp: 33554

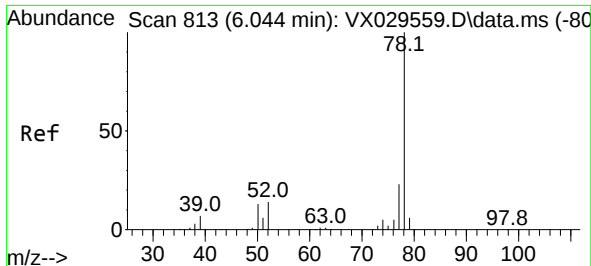
Ion Ratio Lower Upper

83 100

55 79.9 54.6 81.8

98 54.1 37.4 56.2





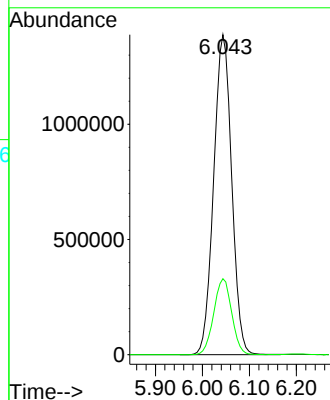
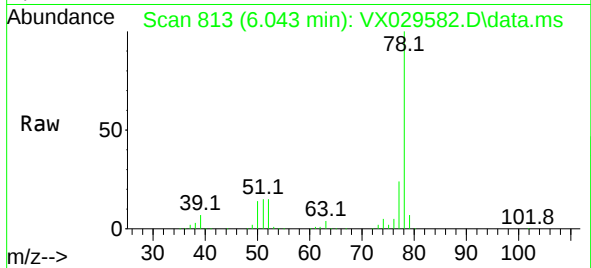
#40
Benzene
Concen: 299.495 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion: 78 Resp: 369330
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

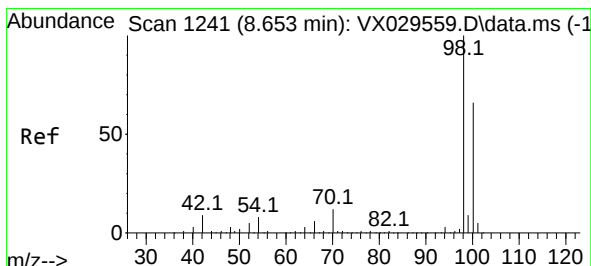
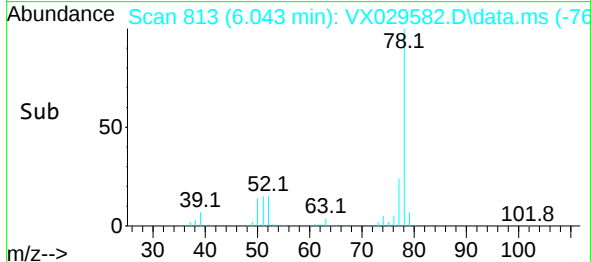
Manual Integrations
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Supervised By :Mahesh Dadoda 06/23/2022



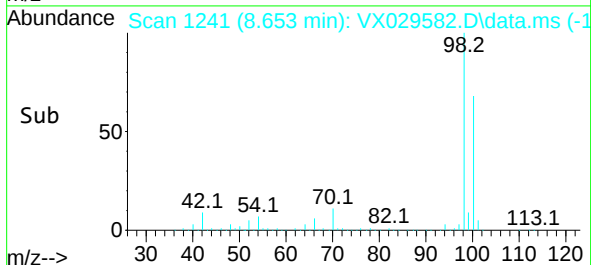
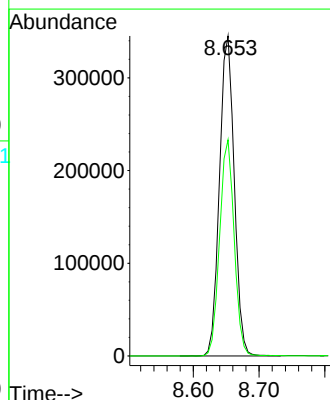
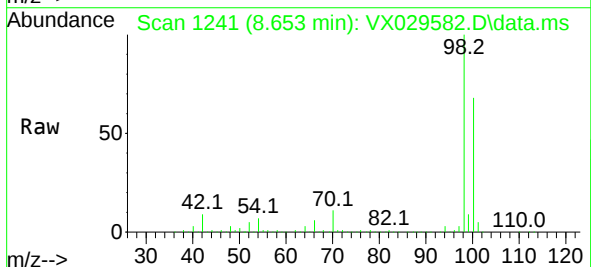
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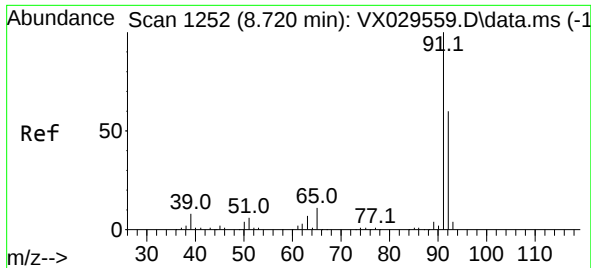
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#50
Toluene-d8
Concen: 48.066 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

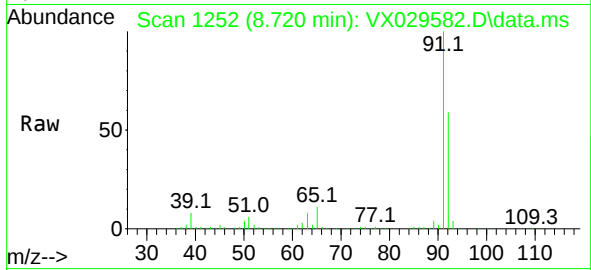
Tgt Ion: 98 Resp: 539743
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8





#52
Toluene
Concen: 30.914 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

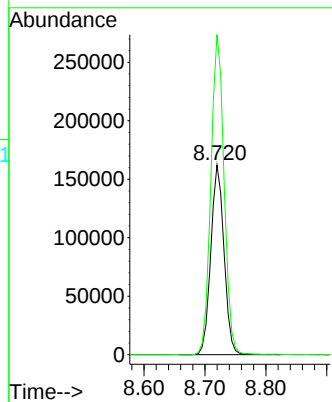
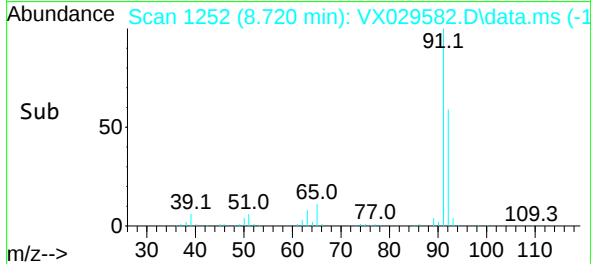
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion: 92 Resp: 24411
Ion Ratio Lower Upper
92 100
91 168.8 137.5 206.3

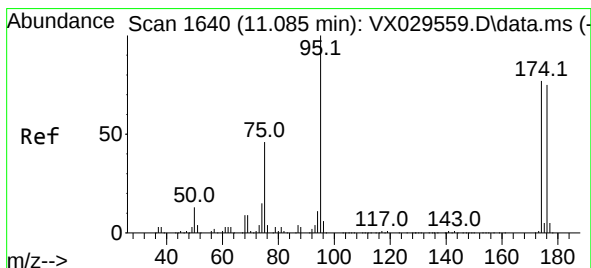
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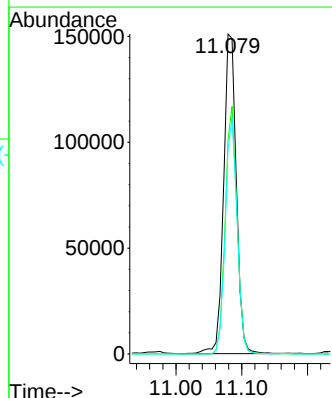
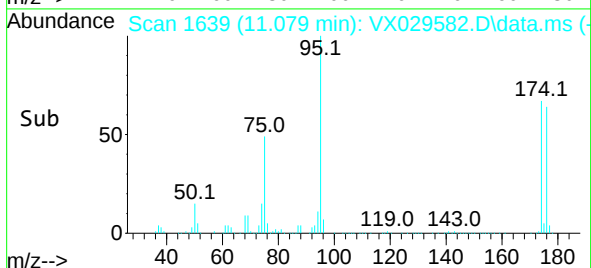
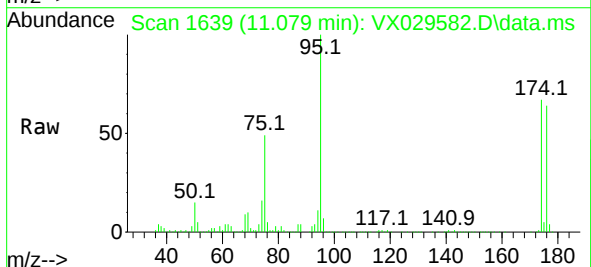
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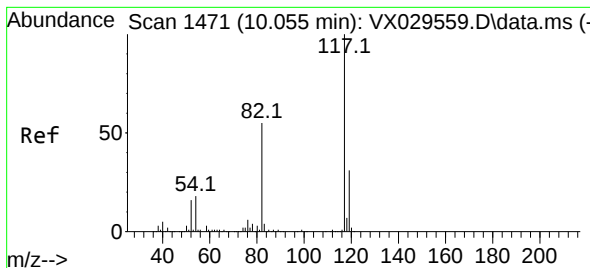
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#62
4-Bromofluorobenzene
Concen: 47.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

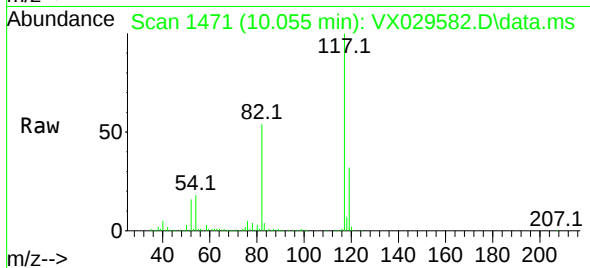
Tgt Ion: 95 Resp: 202677
Ion Ratio Lower Upper
95 100
174 72.3 0.0 163.0
176 69.2 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

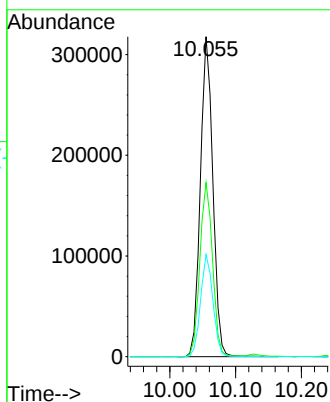
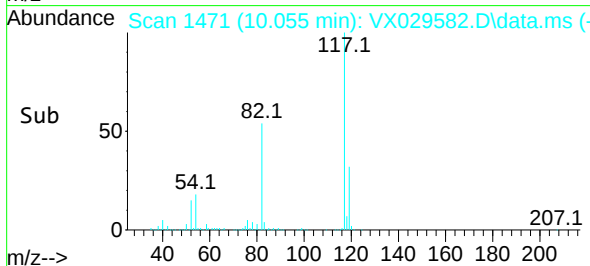
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion: 117 Resp: 41904
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.8
119 31.9 24.8 37.2

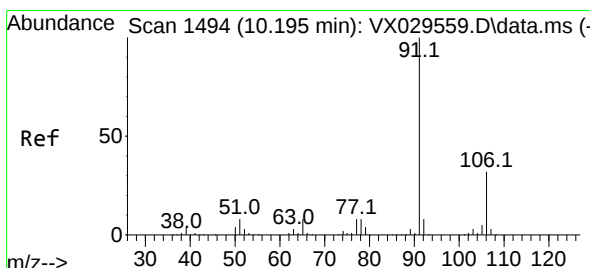
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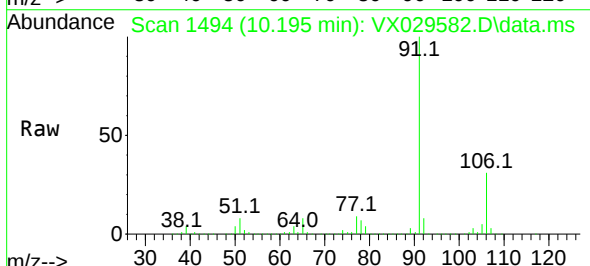


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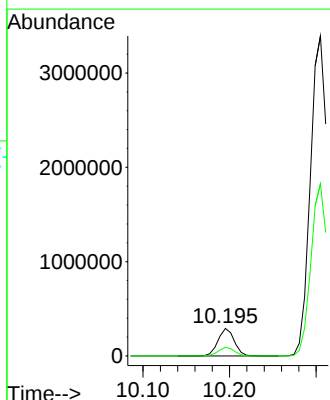
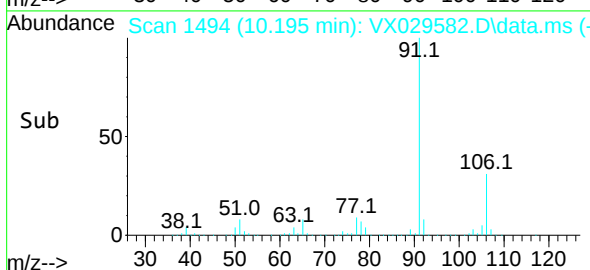
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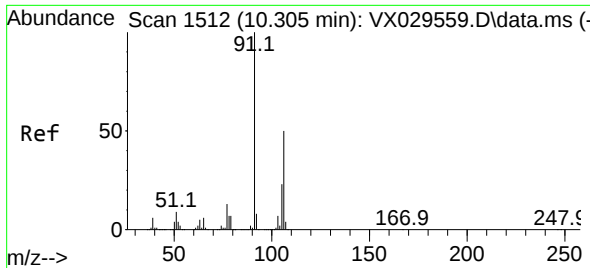


#67
Ethyl Benzene
Concen: 25.638 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06



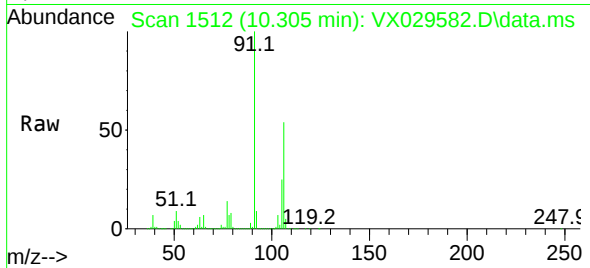
Tgt Ion: 91 Resp: 379226
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8





#68
m/p-Xylenes
Concen: 423.138 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

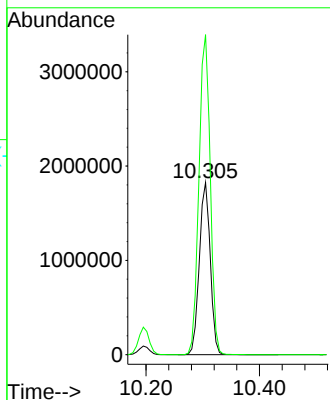
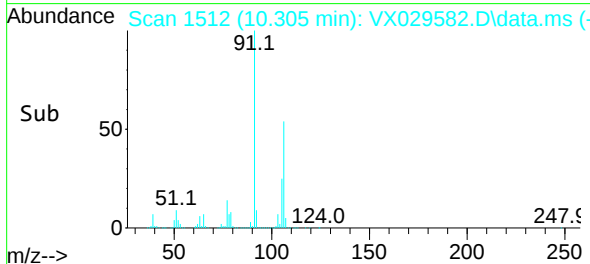
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion:106 Resp: 2440789
Ion Ratio Lower Upper
106 100
91 192.1 160.4 240.6

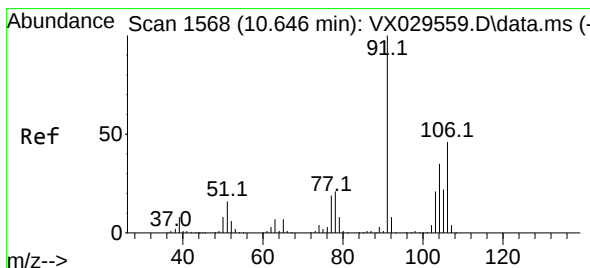
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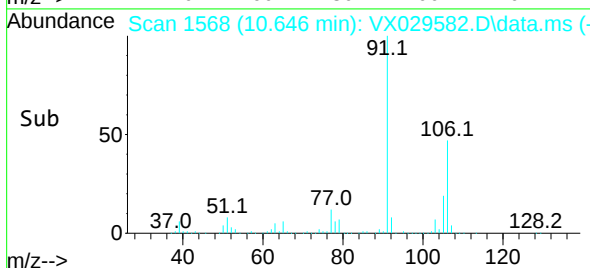
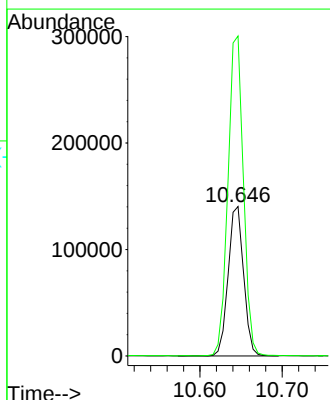
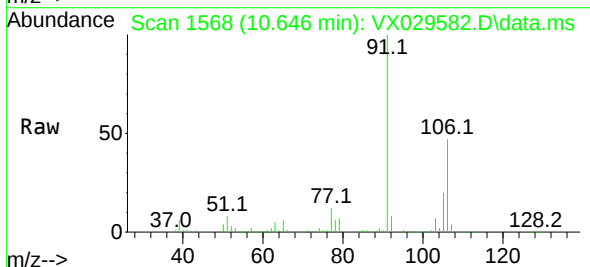
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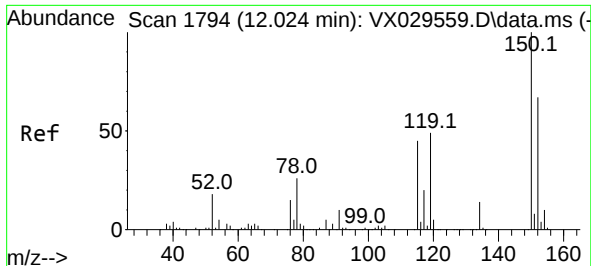
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#69
o-Xylene
Concen: 32.210 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

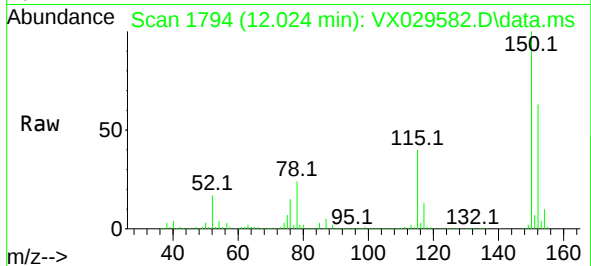
Tgt Ion:106 Resp: 183567
Ion Ratio Lower Upper
106 100
91 214.7 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

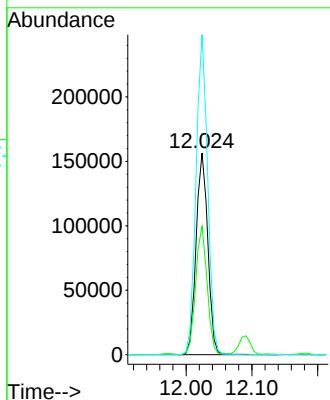
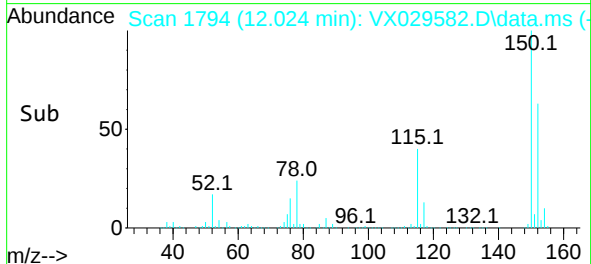
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion:152 Resp: 193218
Ion Ratio Lower Upper
152 100
115 62.1 37.5 112.7
150 157.1 0.0 338.2

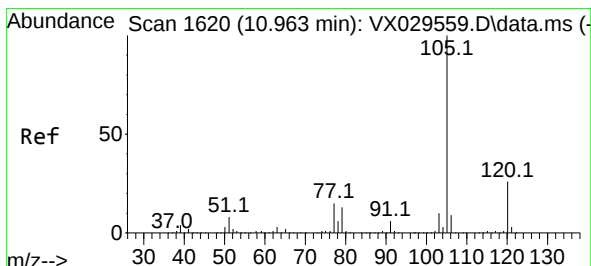
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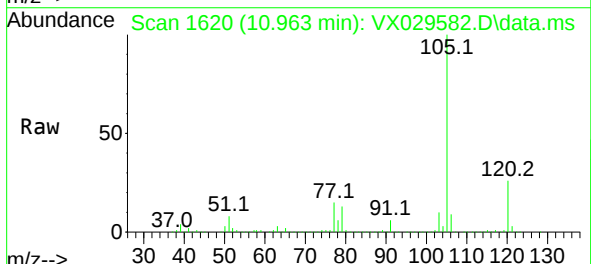


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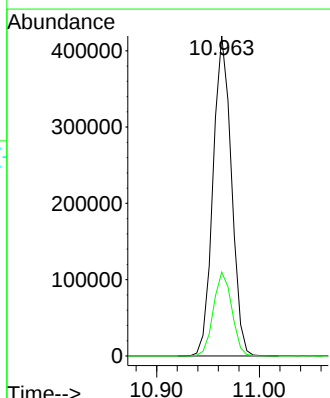
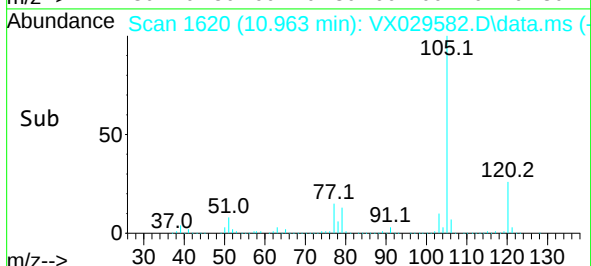
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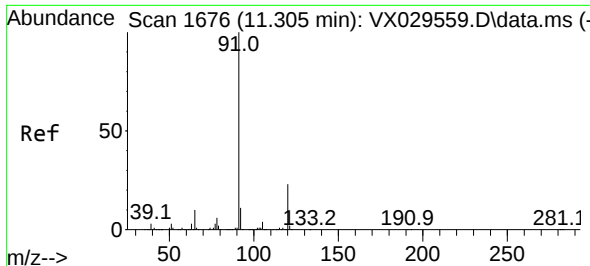


#73
Isopropylbenzene
Concen: 35.968 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06



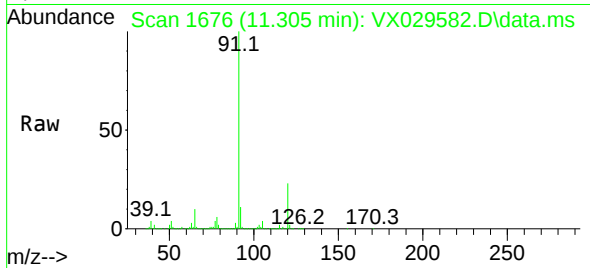
Tgt Ion:105 Resp: 521072
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.5





#78
n-propylbenzene
Concen: 89.103 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

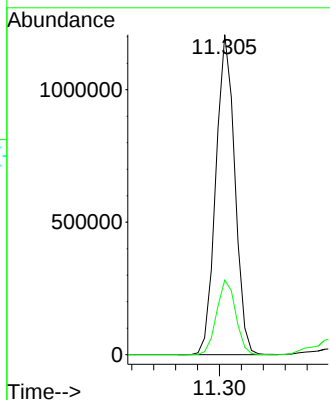
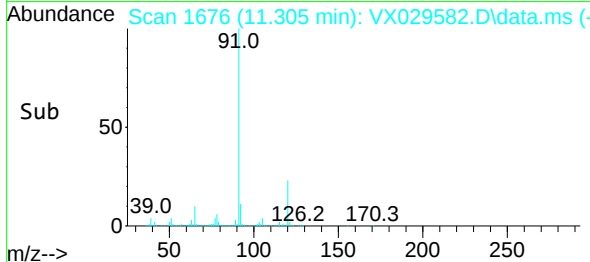
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion: 91 Resp: 145385
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8

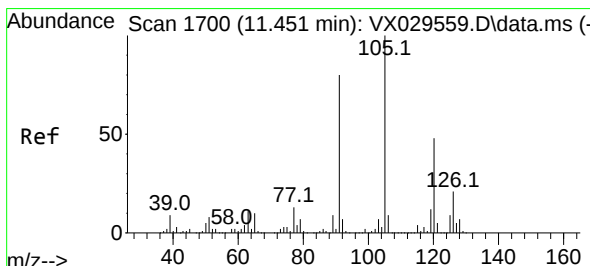
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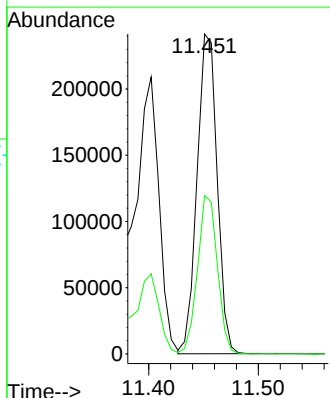
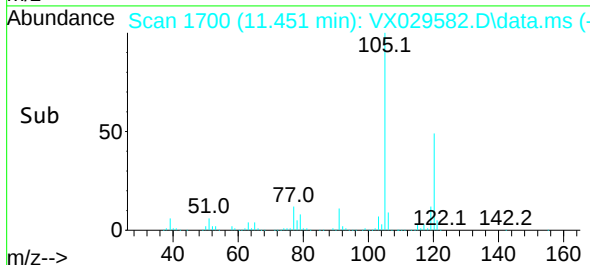
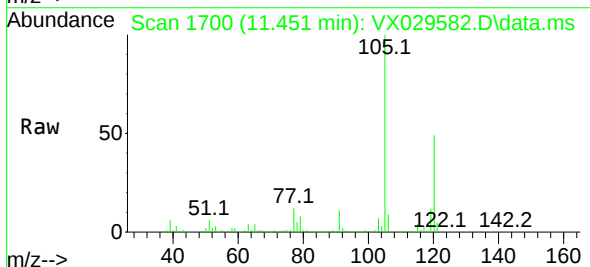
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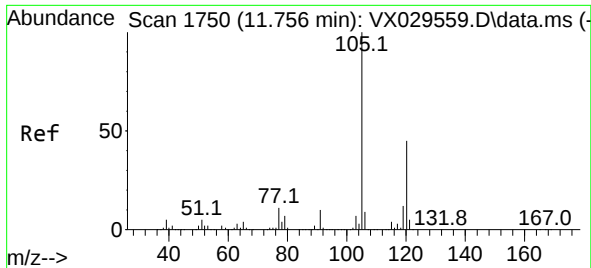
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#80
1,3,5-Trimethylbenzene
Concen: 25.249 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

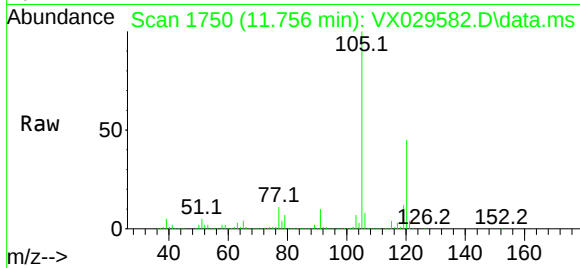
Tgt Ion:105 Resp: 308053
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 47.012 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

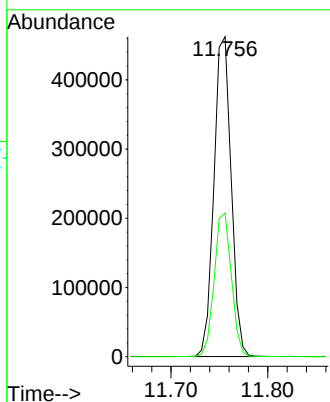
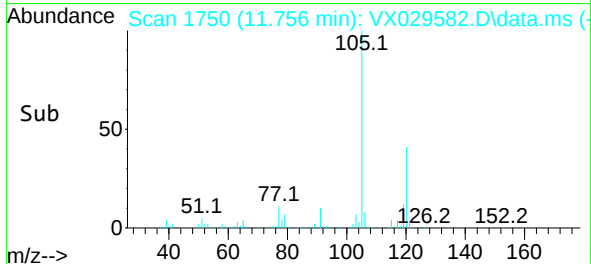
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion:105 Resp: 572056
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.8

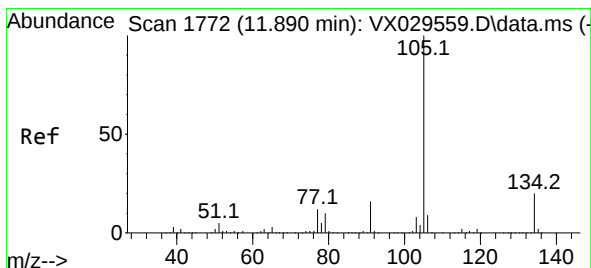
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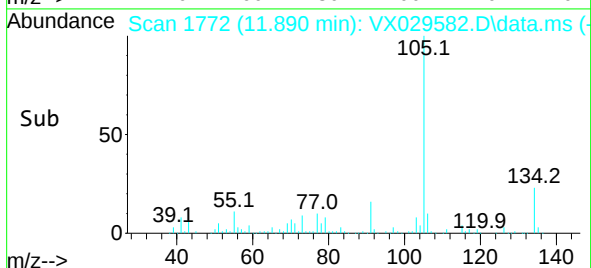
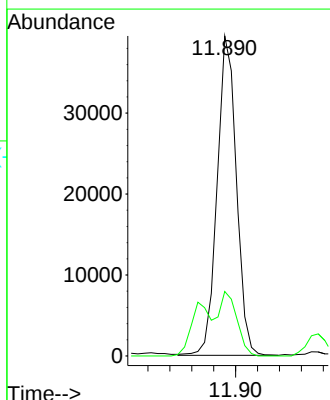
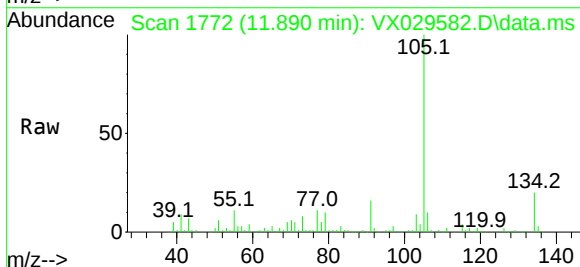
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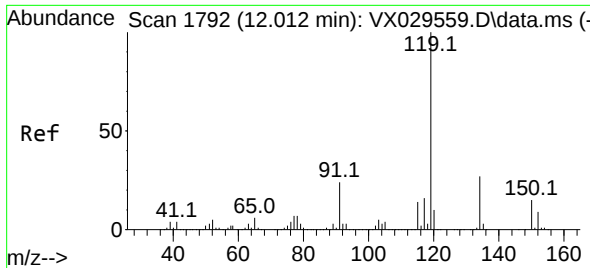
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#85
sec-Butylbenzene
Concen: 3.274 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

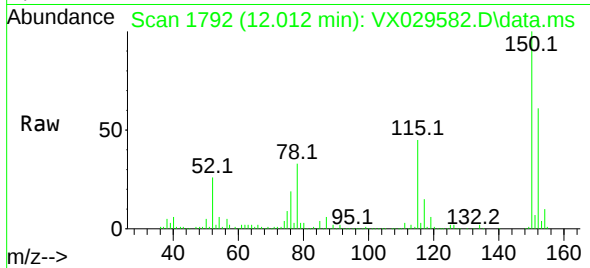
Tgt Ion:105 Resp: 48267
Ion Ratio Lower Upper
105 100
134 19.3 10.2 30.4





#86
p-Isopropyltoluene
Concen: 0.499 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

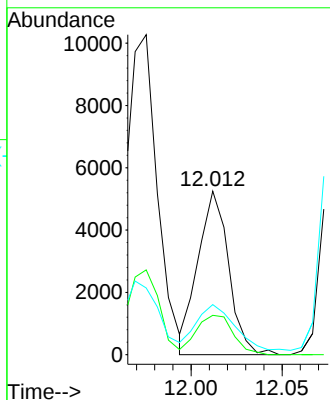
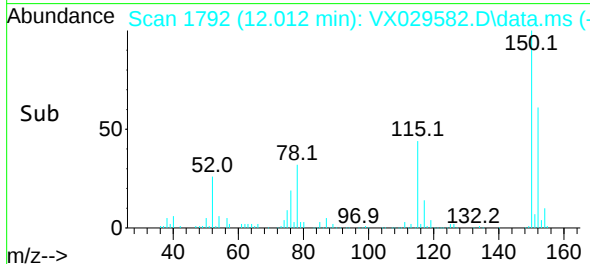
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion: 119 Resp: 616
Ion Ratio Lower Upper
119 100
134 55.2 13.0 39.0
91 0.0 11.3 33.9

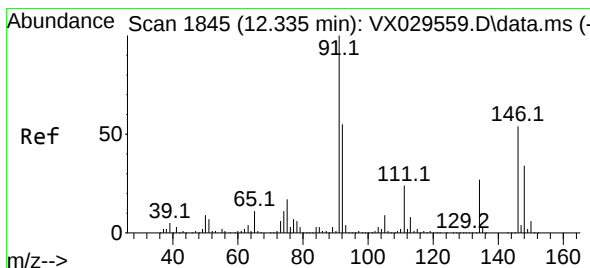
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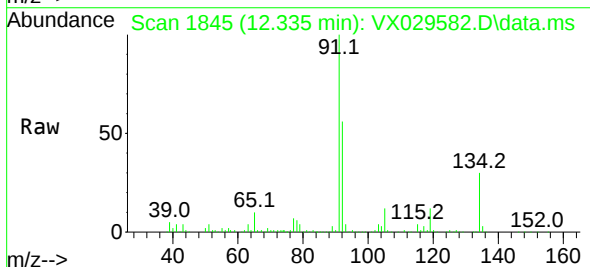


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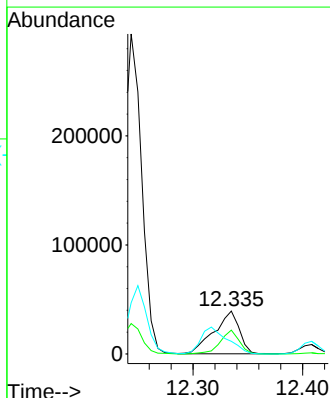
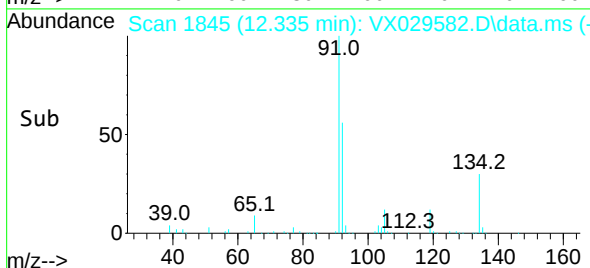
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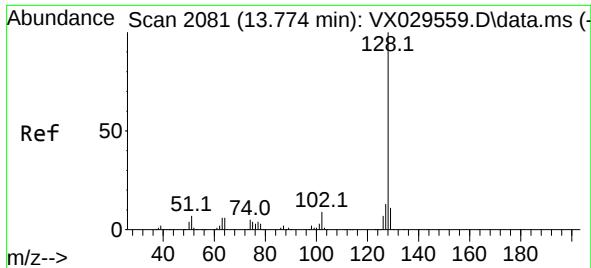


#89
n-Butylbenzene
Concen: 6.048 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06



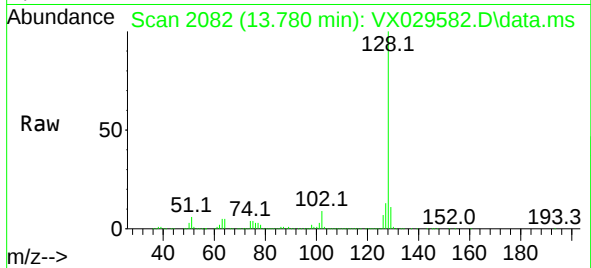
Tgt Ion: 91 Resp: 63015
Ion Ratio Lower Upper
91 100
92 42.1 27.8 83.3
134 65.9 13.3 39.8





#95
Naphthalene
Concen: 128.562 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029582.D
Acq: 18 Jun 2022 20:06

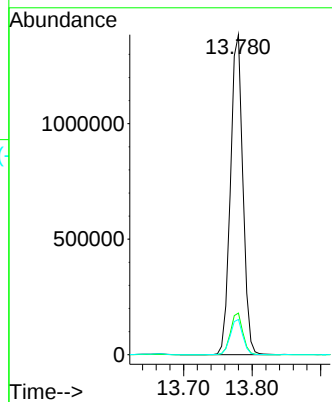
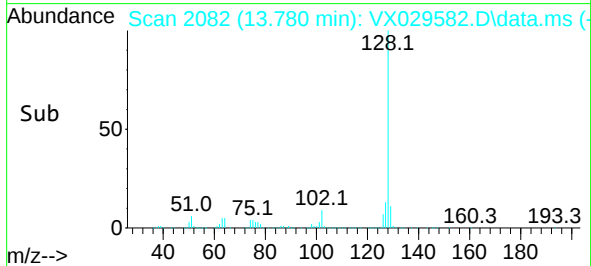
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion:128 Resp: 174243
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.2 8.7 13.1

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