

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029568.D
 Acq On : 18 Jun 2022 14:39
 Operator : JC/MD
 Sample : N3325-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jun 20 01:33:24 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	268064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152793	43.059	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.120%
35) Dibromofluoromethane	5.391	113	133128	46.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.120%
50) Toluene-d8	8.653	98	506659	47.984	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.960%
62) 4-Bromofluorobenzene	11.085	95	189621	47.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.240%
Target Compounds						
						Qvalue
10) Methyl Iodide	2.459	142	2364	3.710	ug/l	94
11) Tert butyl alcohol	2.971	59	147048	187.862	ug/l	99
16) Acetone	2.386	43	14936	10.560	ug/l	99
17) Carbon Disulfide	2.520	76	19536	2.775	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	183221	19.433	ug/l #	41
22) Diisopropyl ether	3.763	45	11758	1.356	ug/l #	89
25) 2-Butanone	4.580	43	5649	2.527	ug/l	97
31) Cyclohexane	5.470	56	94600	19.858	ug/l	98
39) Methylcyclohexane	7.379	83	56818	11.650	ug/l	91
40) Benzene	6.043	78	1652369	142.498	ug/l	99
52) Toluene	8.720	92	43506	5.859	ug/l	96
67) Ethyl Benzene	10.195	91	264956	19.440	ug/l	100
68) m/p-Xylenes	10.305	106	36106	6.793	ug/l	95
69) o-Xylene	10.640	106	18622	3.546	ug/l	91
73) Isopropylbenzene	10.963	105	566949	42.667	ug/l	98
78) n-propylbenzene	11.305	91	581804	38.876	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	6684m	0.597	ug/l	
84) 1,2,4-Trimethylbenzene	11.756	105	226817	20.323	ug/l	99
85) sec-Butylbenzene	11.890	105	28985	2.143	ug/l	99
86) p-Isopropyltoluene	12.012	119	14131	1.248	ug/l	88
89) n-Butylbenzene	12.335	91	38708	4.051	ug/l #	62
95) Naphthalene	13.780	128	28571	2.298	ug/l #	90

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

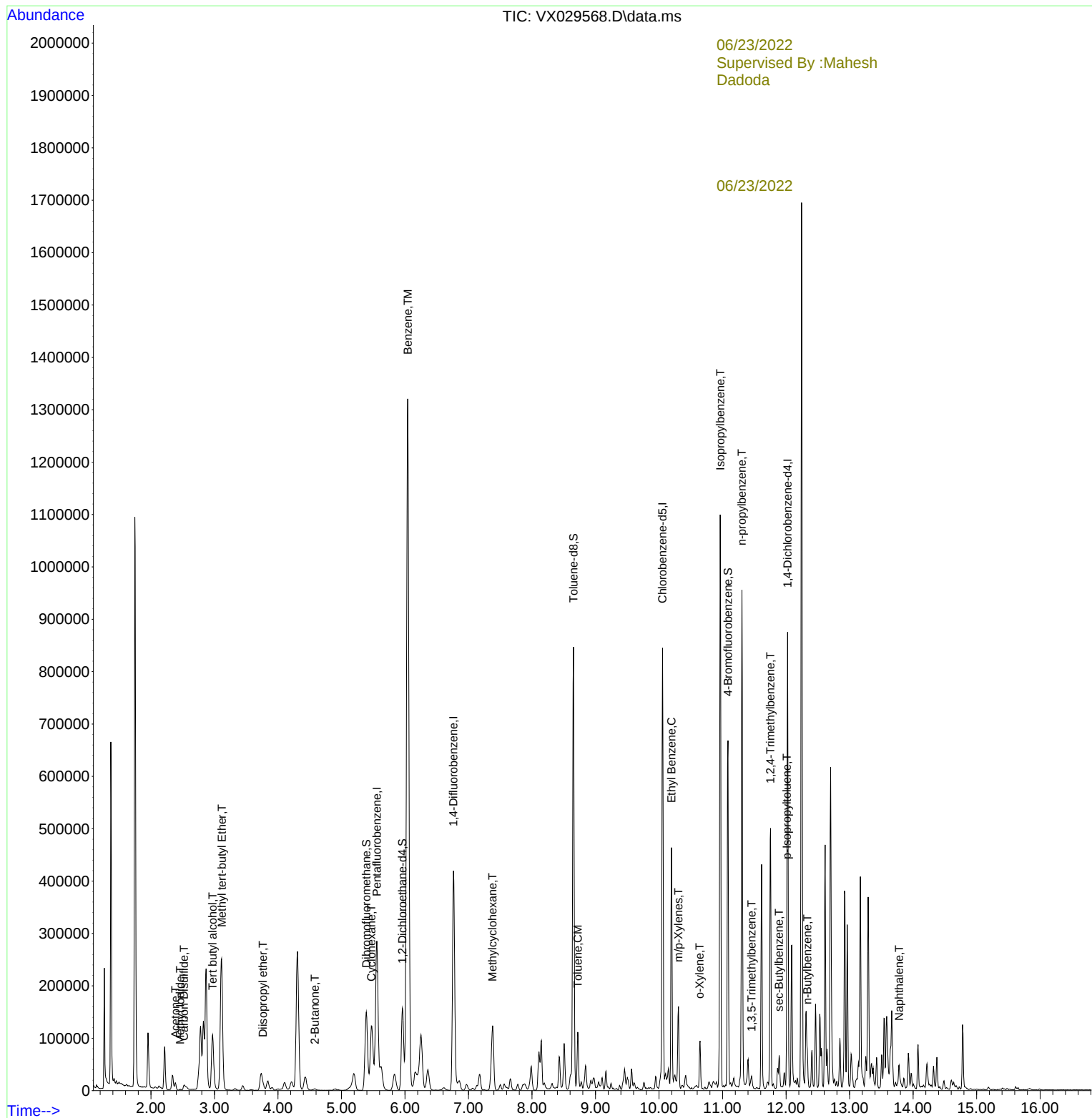
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029568.D
Acq On : 18 Jun 2022 14:39
Operator : JC/MD
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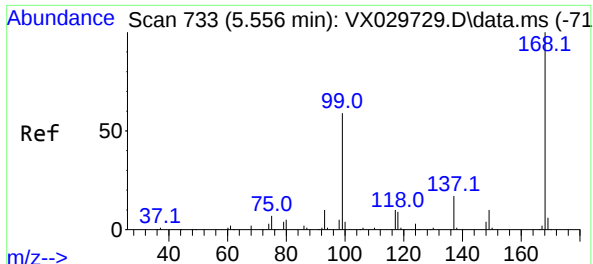
Instrument :
MSVOA_X
ClientSampleId :
MW-3

Quant Time: Jun 20 01:33:24 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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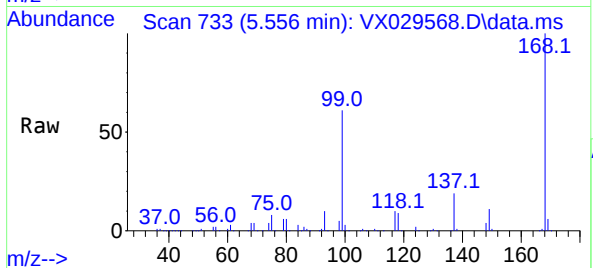
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

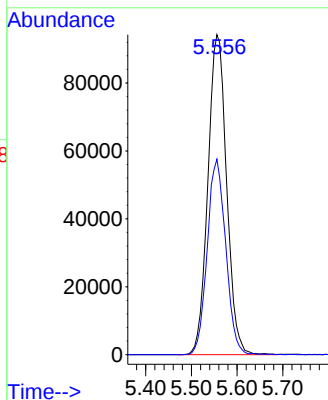
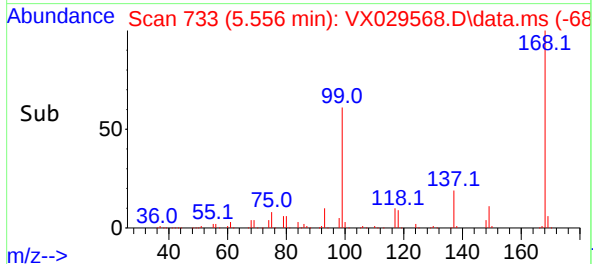
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion:168 Resp: 268064
Ion Ratio Lower Upper
168 100
99 61.1 41.7 62.5

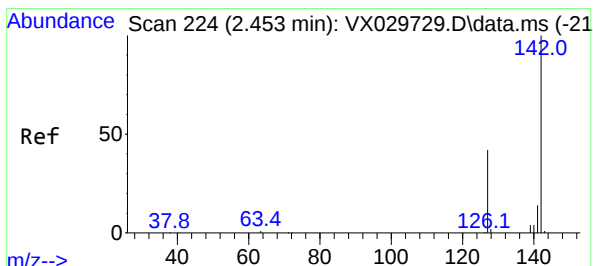
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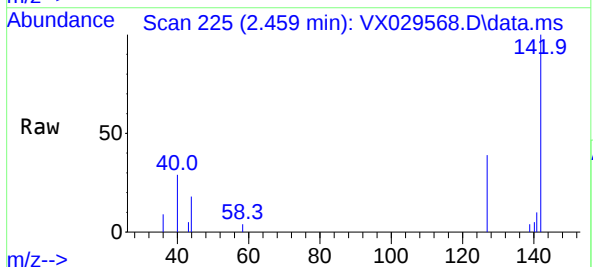


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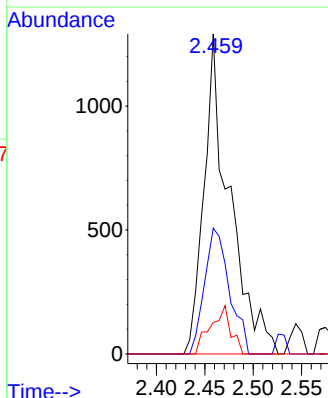
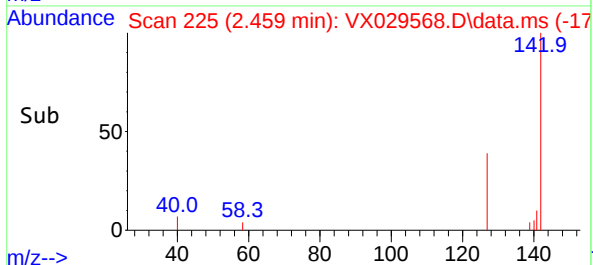
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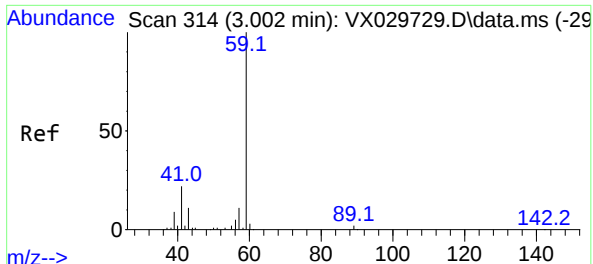


#10
Methyl Iodide
Concen: 3.710 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39



Tgt Ion:142 Resp: 2364
Ion Ratio Lower Upper
142 100
127 38.4 33.9 50.9
141 12.0 11.4 17.2





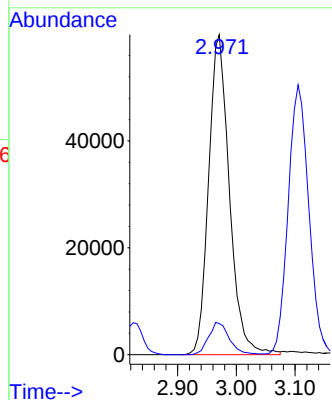
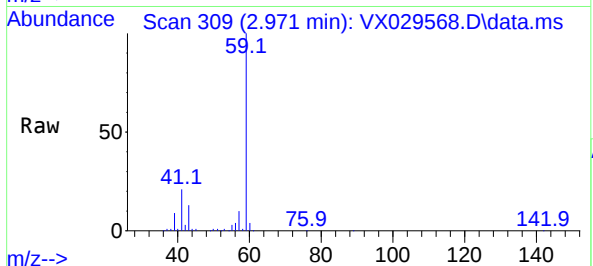
#11
Tert butyl alcohol
Concen: 187.862 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 59 Resp: 147048
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

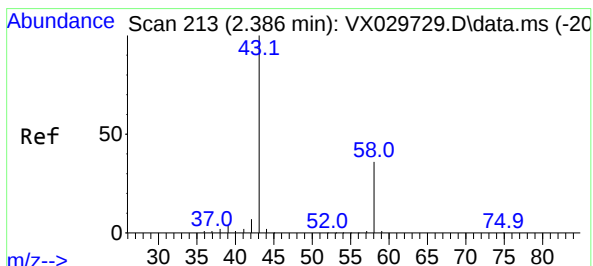
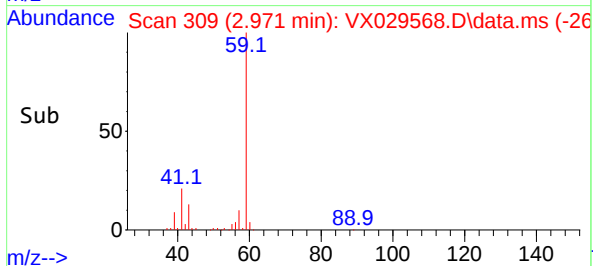
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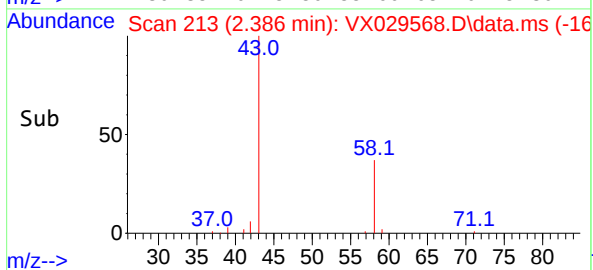
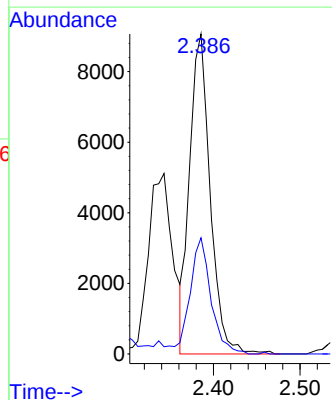
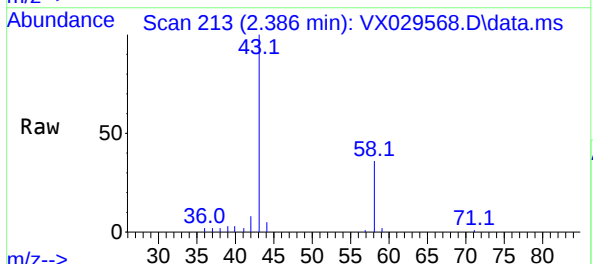
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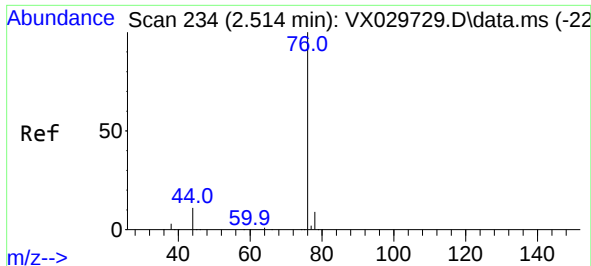
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#16
Acetone
Concen: 10.560 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 43 Resp: 14936
Ion Ratio Lower Upper
43 100
58 36.3 28.8 43.2





#17

Carbon Disulfide

Concen: 2.775 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tgt Ion: 76 Resp: 19530

Ion Ratio Lower Upper

76 100

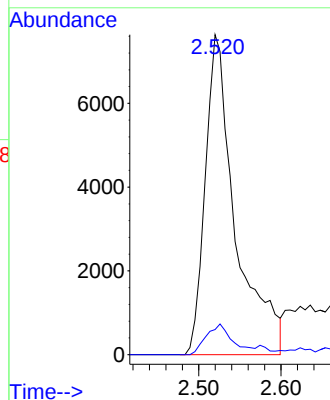
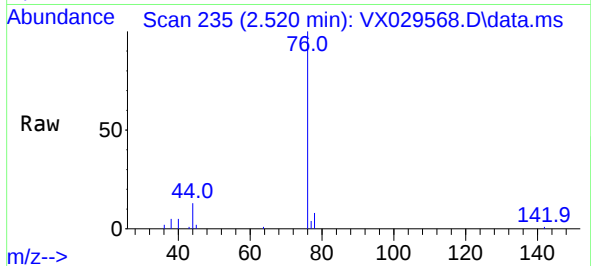
78 7.9 7.2 10.8

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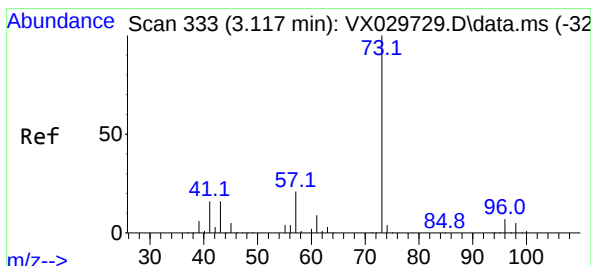
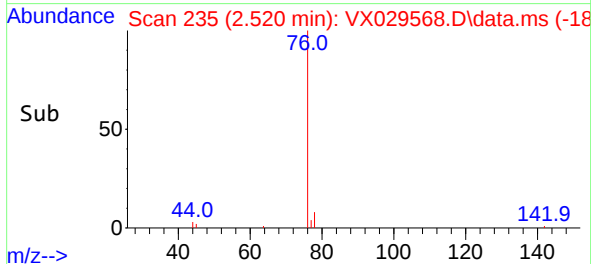
Supervised By :Mahesh Dadoda 06/23/2022



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Dadoda

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#19

Methyl tert-butyl Ether

Concen: 19.433 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX029568.D

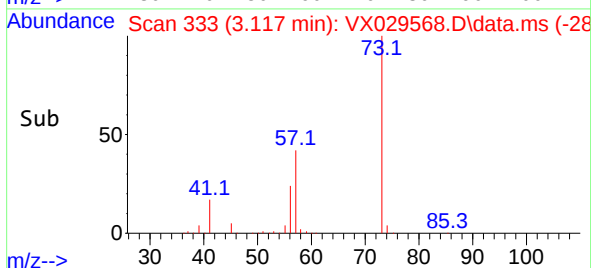
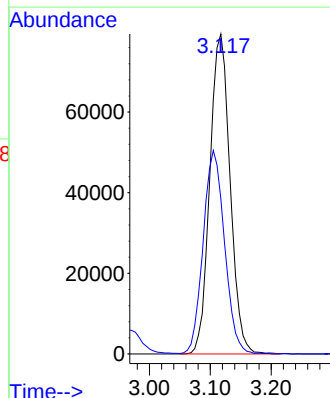
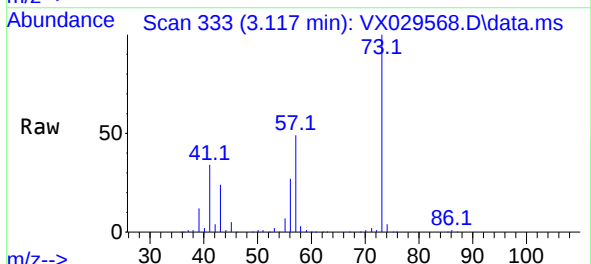
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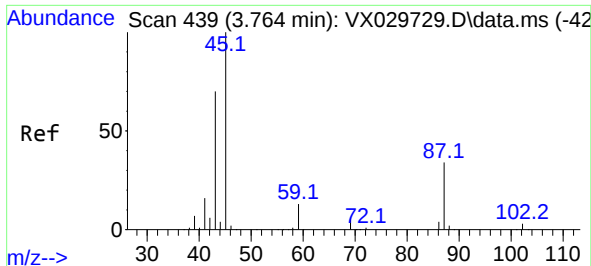
Tgt Ion: 73 Resp: 183221

Ion Ratio Lower Upper

73 100

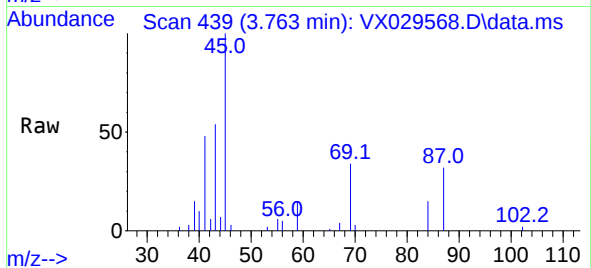
57 48.4 16.8 25.2#





#22
Diisopropyl ether
Concen: 1.356 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

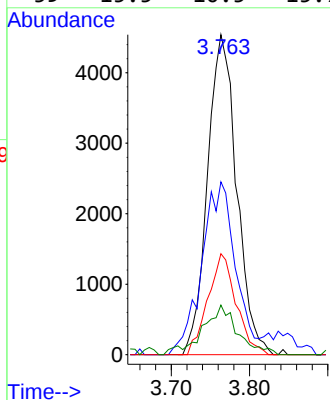
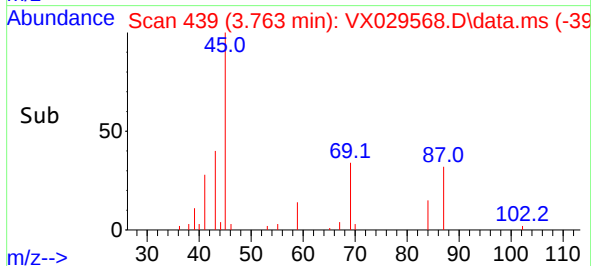
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion: 45 Resp: 11758
Ion Ratio Lower Upper
45 100
43 50.3 50.8 76.2
87 31.6 26.6 39.8
59 15.5 10.5 15.7

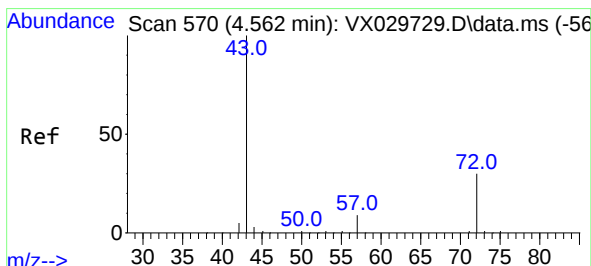
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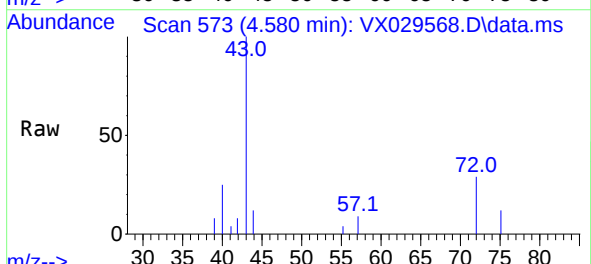


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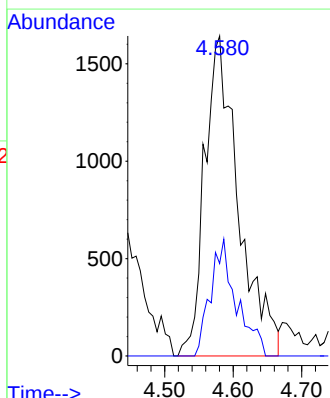
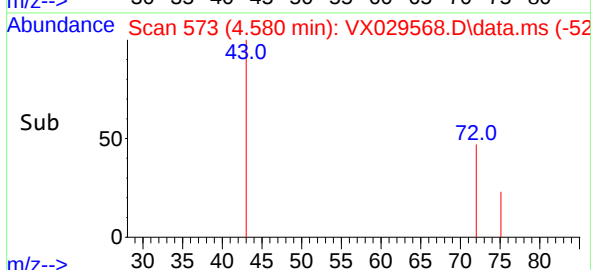
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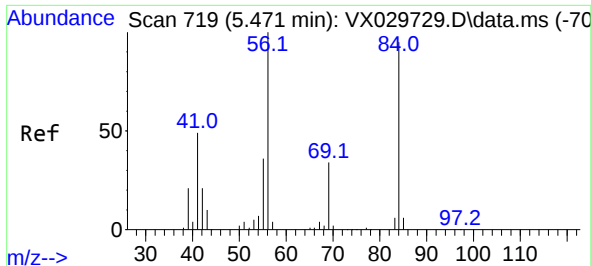


#25
2-Butanone
Concen: 2.527 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39



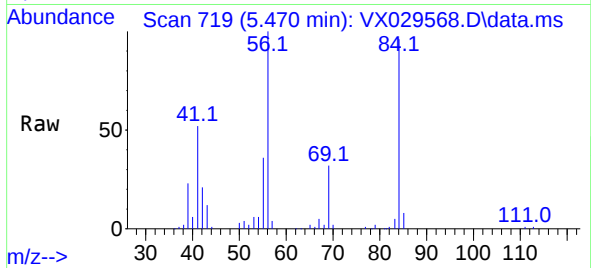
Tgt Ion: 43 Resp: 5649
Ion Ratio Lower Upper
43 100
72 28.9 24.4 36.6





#31
Cyclohexane
Concen: 19.858 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

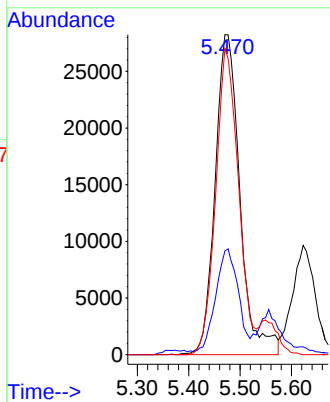
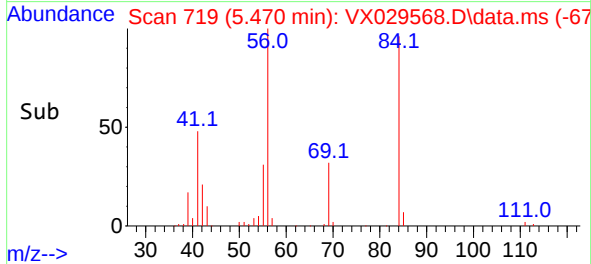
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion: 56 Resp: 94600
Ion Ratio Lower Upper
56 100
69 31.3 26.7 40.1
84 95.7 77.2 115.8

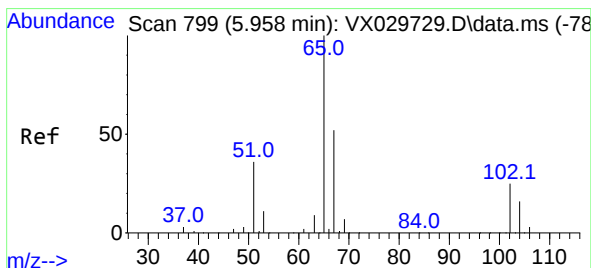
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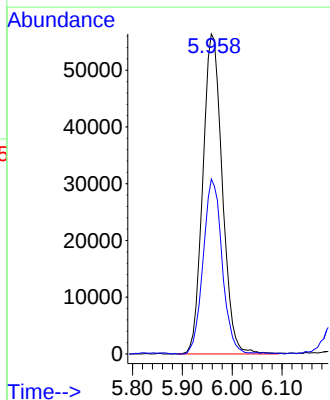
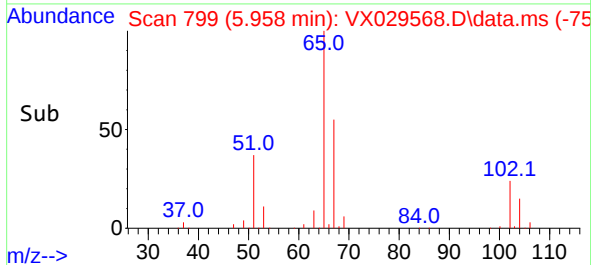
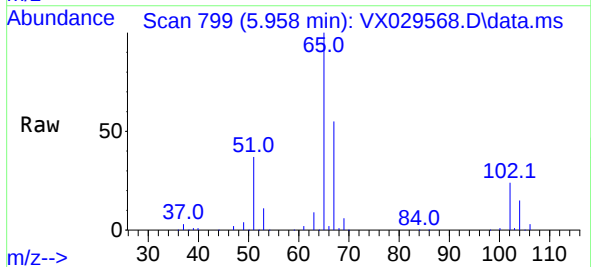
06/23/2022
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Dadoda

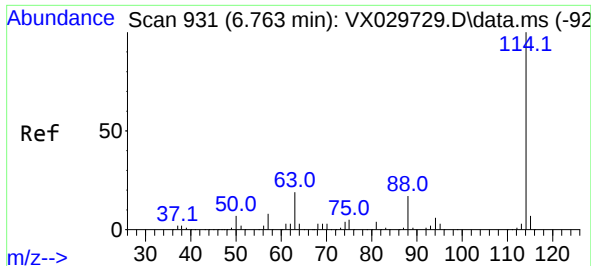
06/23/2022



#33
1,2-Dichloroethane-d4
Concen: 43.059 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

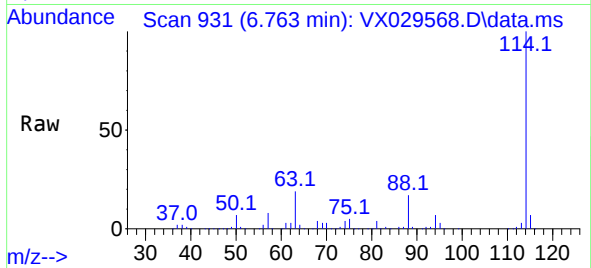
Tgt Ion: 65 Resp: 152793
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

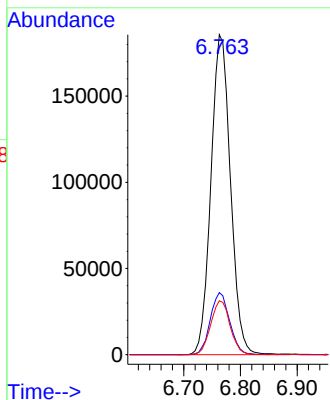
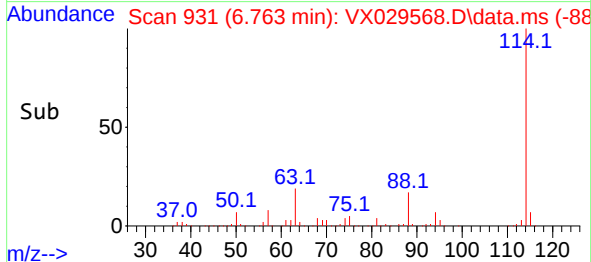
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion:114 Resp: 443514
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.8 0.0 32.4

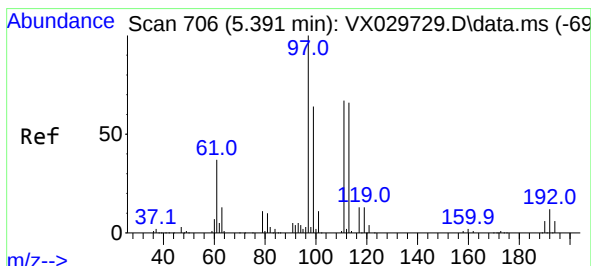
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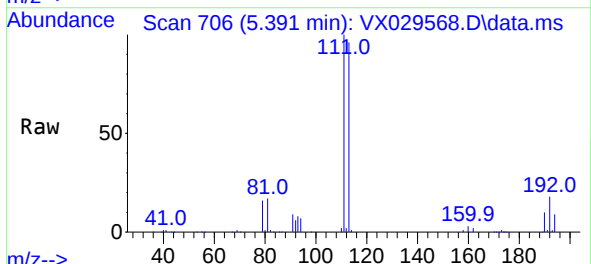


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Dadoda

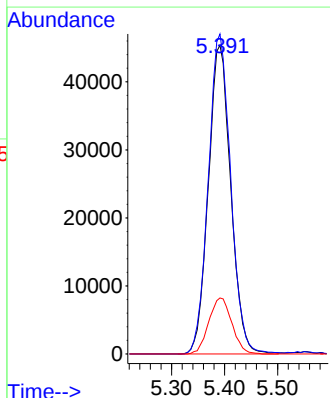
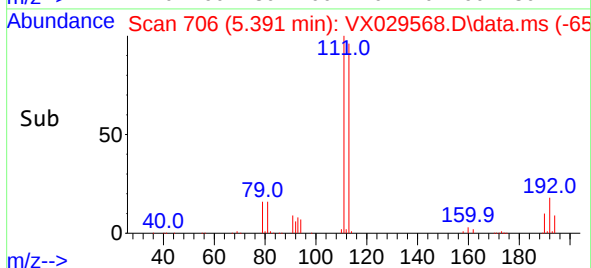
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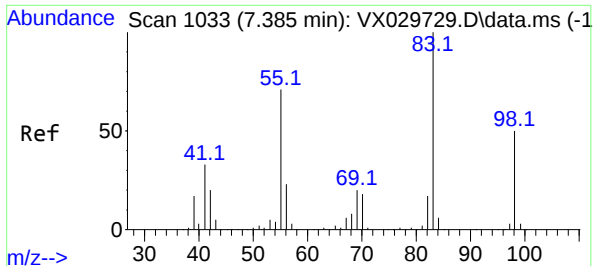


#35
Dibromofluoromethane
Concen: 46.060 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39



Tgt Ion:113 Resp: 133128
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 18.7 16.9 25.3





#39

Methylcyclohexane

Concen: 11.650 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

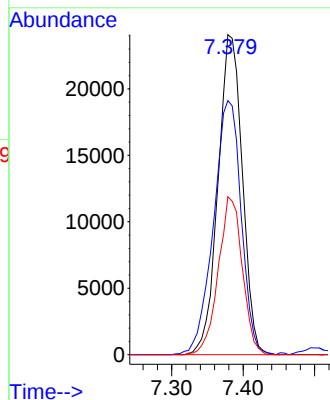
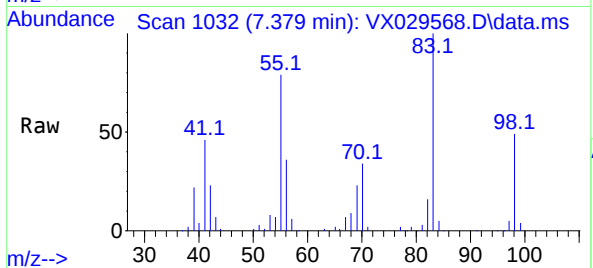
MW-3

Tgt Ion: 83 Resp: 56818
 Ion Ratio Lower Upper
 83 100
 55 79.0 54.6 81.8
 98 49.4 37.4 56.2

Manual Integrations

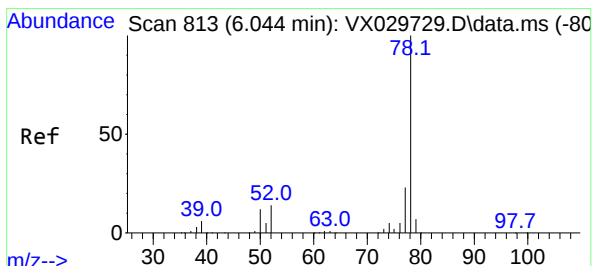
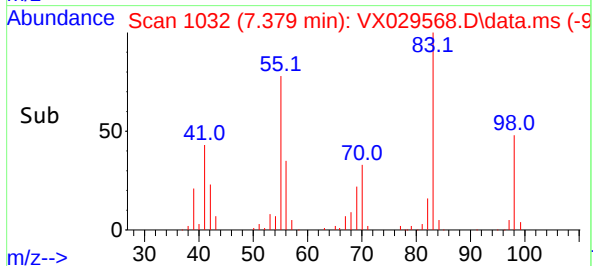
APPROVED

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



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 Dadoda

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#40

Benzene

Concen: 142.498 ug/l

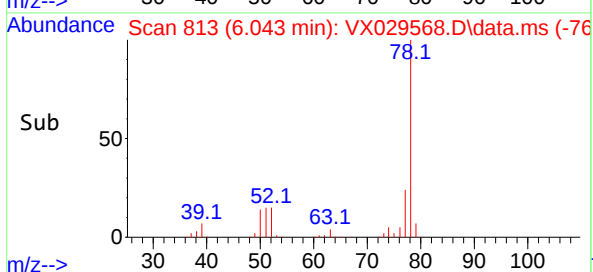
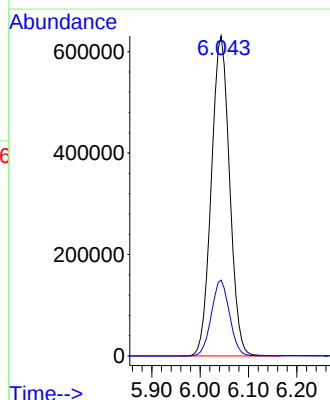
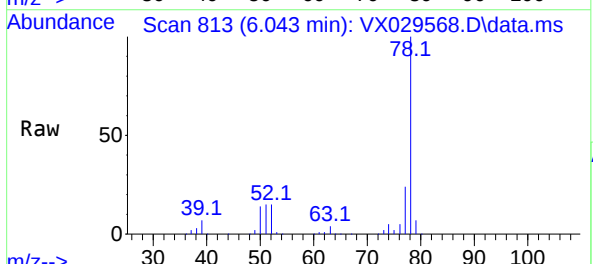
RT: 6.043 min Scan# 813

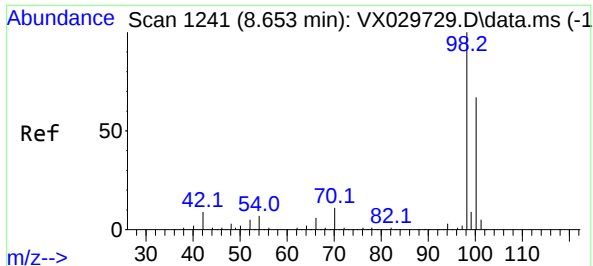
Delta R.T. -0.001 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

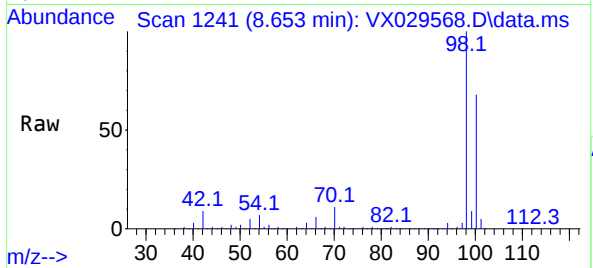
Tgt Ion: 78 Resp: 1652369
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.3 28.9





#50
Toluene-d8
Concen: 47.984 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

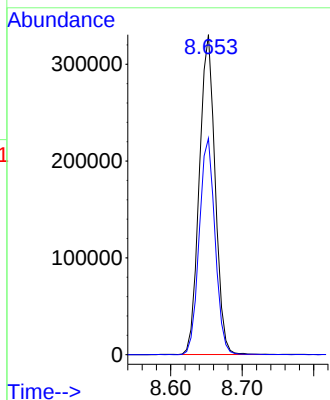
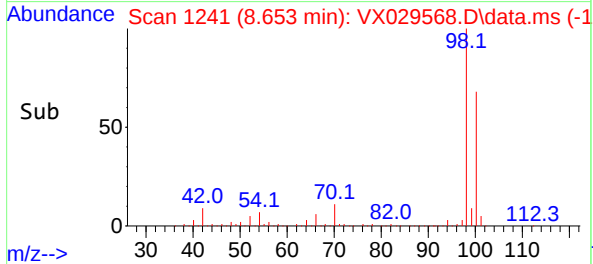
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion: 98 Resp: 506659
Ion Ratio Lower Upper
98 100
100 67.7 52.6 78.8

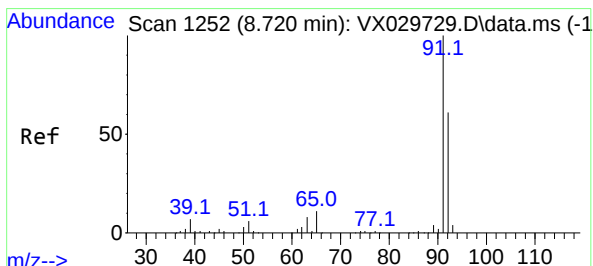
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Supervised By :Mahesh Dadoda 06/23/2022

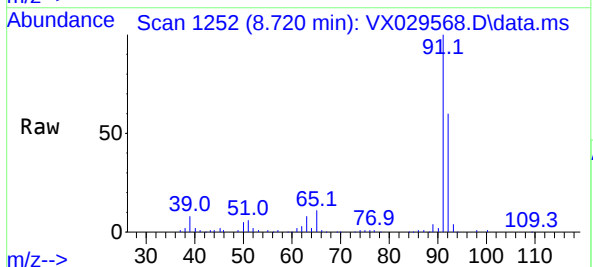


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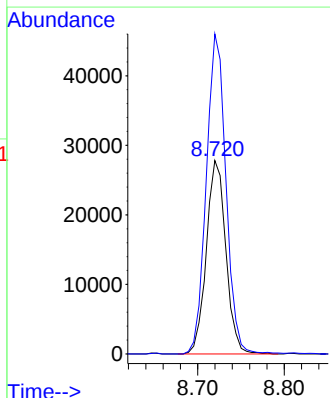
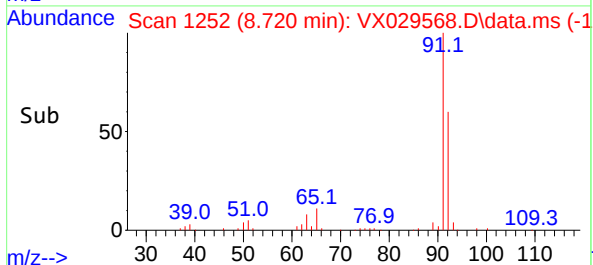
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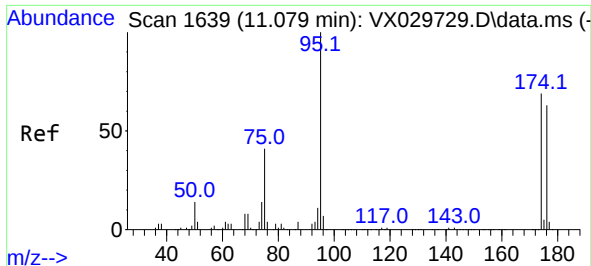


#52
Toluene
Concen: 5.859 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39



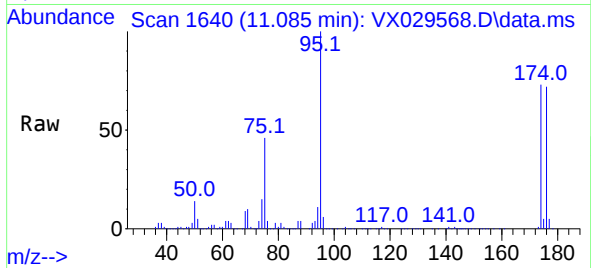
Tgt Ion: 92 Resp: 43506
Ion Ratio Lower Upper
92 100
91 166.7 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 47.621 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

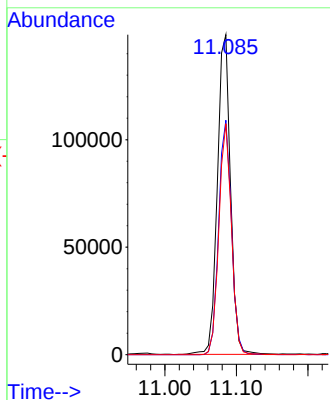
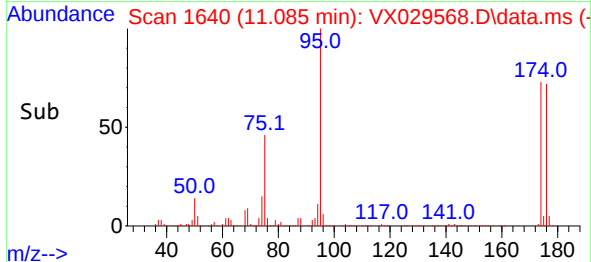
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion: 95 Resp: 18962
Ion Ratio Lower Upper
95 100
174 71.6 0.0 163.0
176 69.2 0.0 155.0

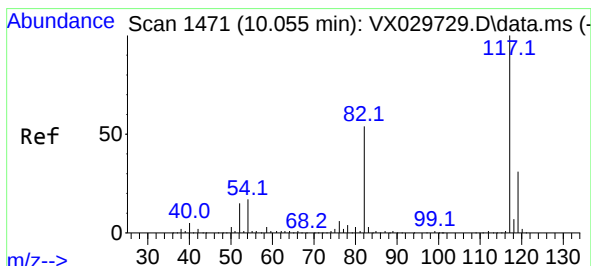
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Supervised By :Mahesh Dadoda 06/23/2022

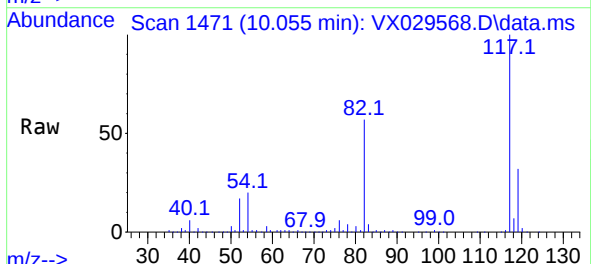


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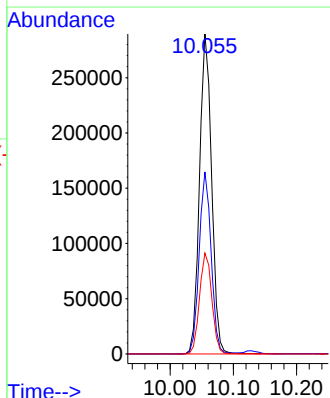
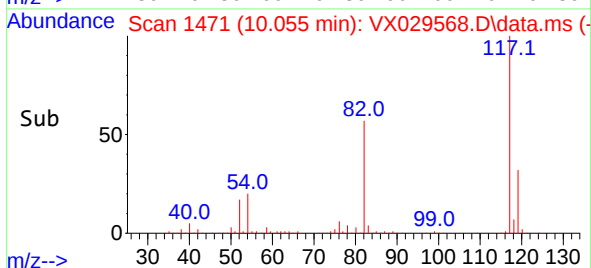
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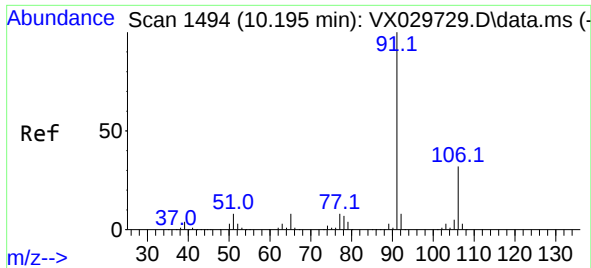


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39



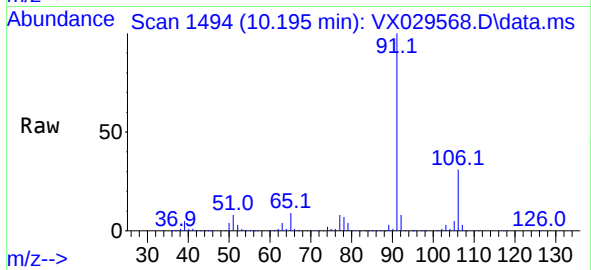
Tgt Ion:117 Resp: 386128
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 31.5 24.8 37.2





#67
Ethyl Benzene
Concen: 19.440 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

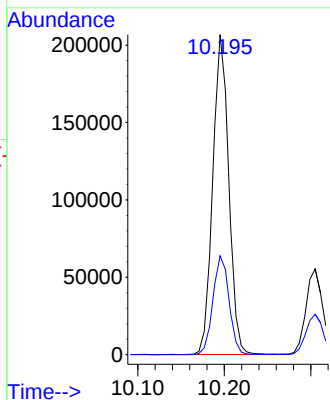
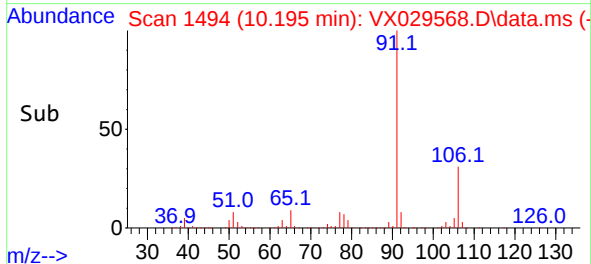
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion: 91 Resp: 264950
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8

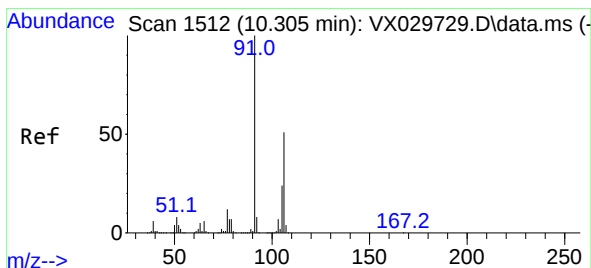
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Supervised By :Mahesh Dadoda 06/23/2022



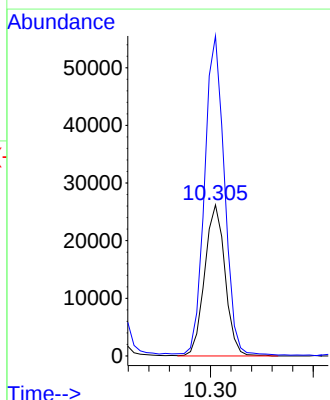
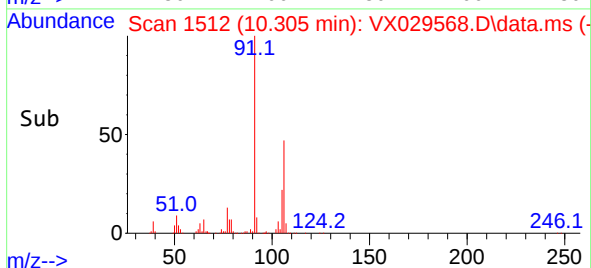
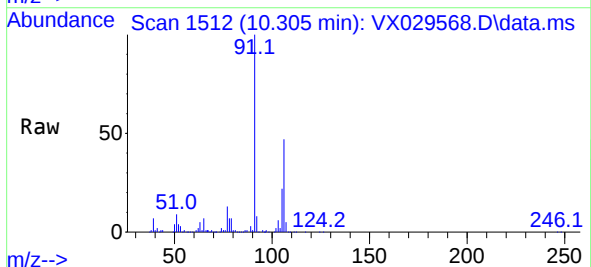
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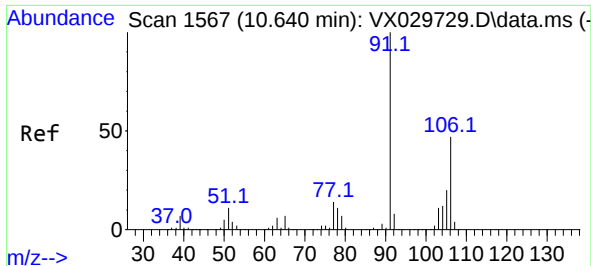
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#68
m/p-Xylenes
Concen: 6.793 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion:106 Resp: 36106
Ion Ratio Lower Upper
106 100
91 207.4 160.4 240.6





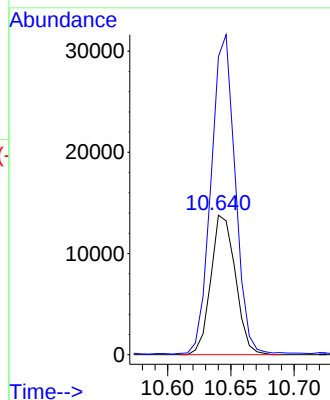
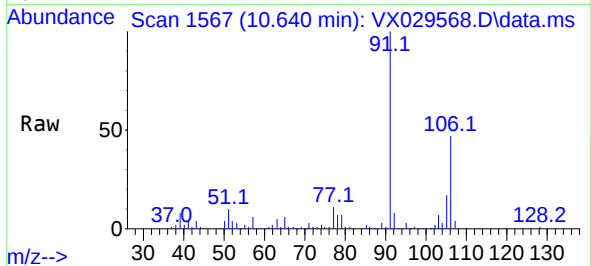
#69
o-Xylene
Concen: 3.546 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:106 Resp: 1862
Ion Ratio Lower Upper
106 100
91 225.8 106.1 318.1

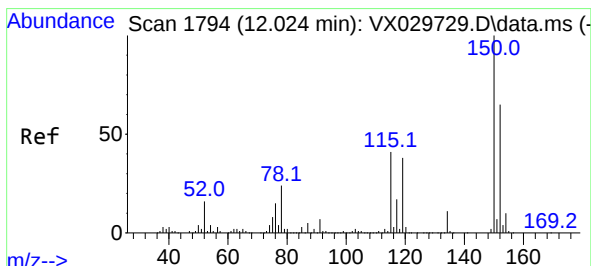
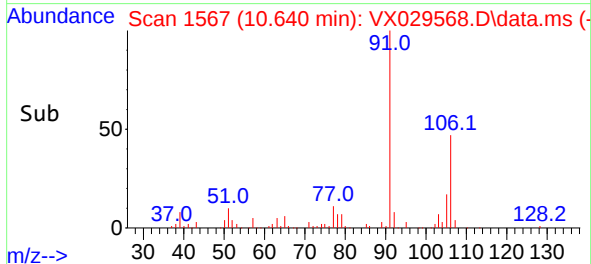
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Supervised By :Mahesh Dadoda 06/23/2022



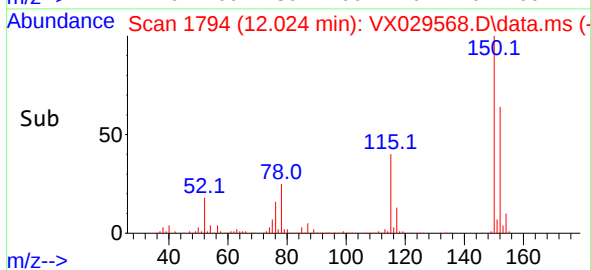
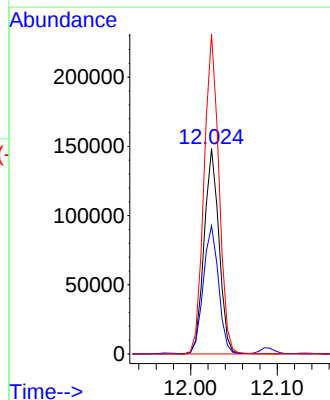
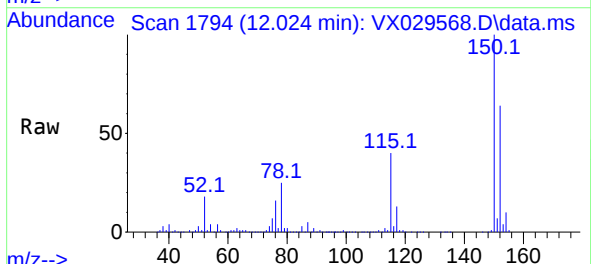
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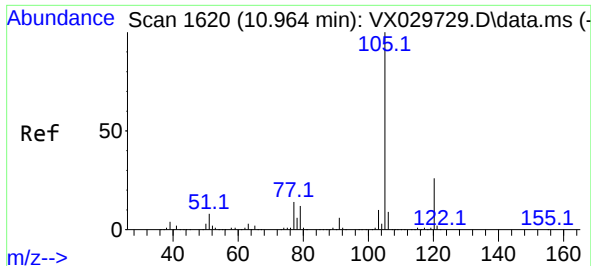
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

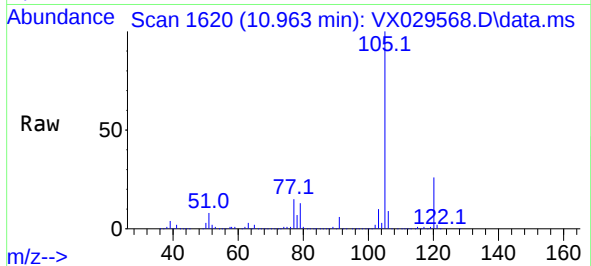
Tgt Ion:152 Resp: 177219
Ion Ratio Lower Upper
152 100
115 63.7 37.5 112.7
150 156.0 0.0 338.2





#73
Isopropylbenzene
Concen: 42.667 ug/l
RT: 10.963 min Scan# 105
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

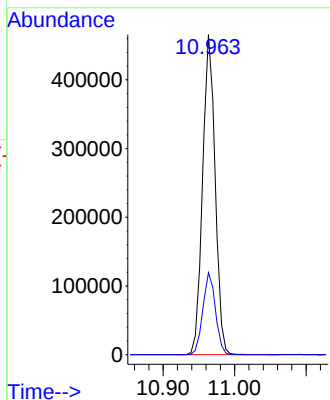
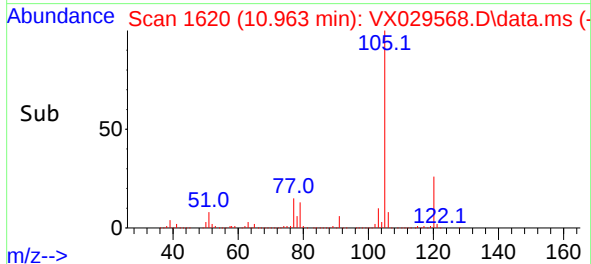
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion:105 Resp: 566949
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.5

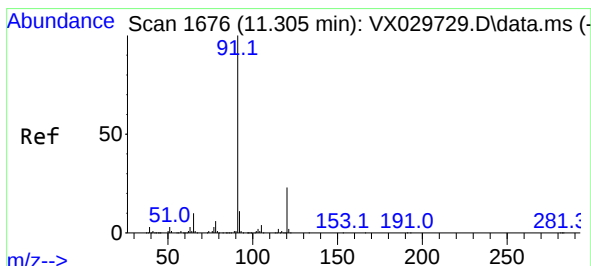
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Supervised By :Mahesh Dadoda 06/23/2022

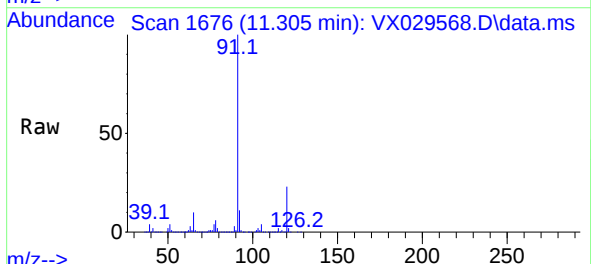


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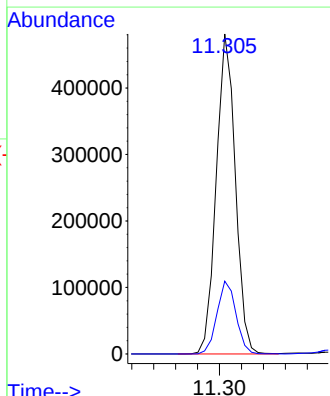
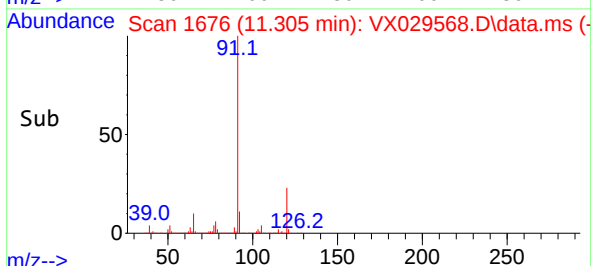
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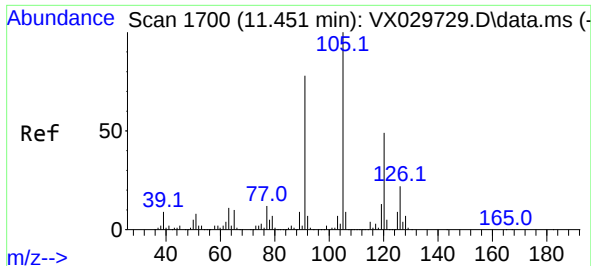


#78
n-propylbenzene
Concen: 38.876 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39



Tgt Ion: 91 Resp: 581804
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8





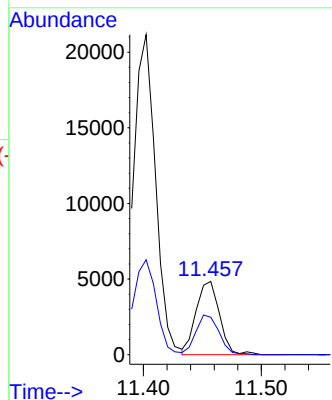
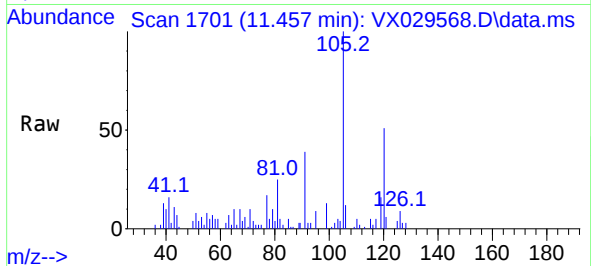
#80
1,3,5-Trimethylbenzene
Concen: 0.597 ug/l m
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:105 Resp: 6684
Ion Ratio Lower Upper
105 100
120 144.5 24.3 72.9

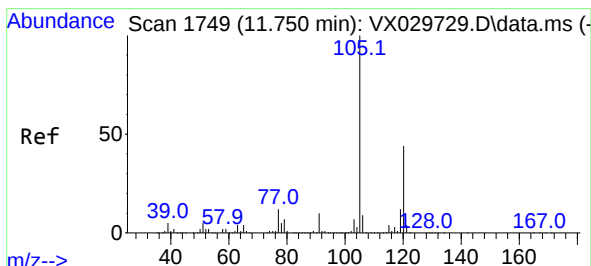
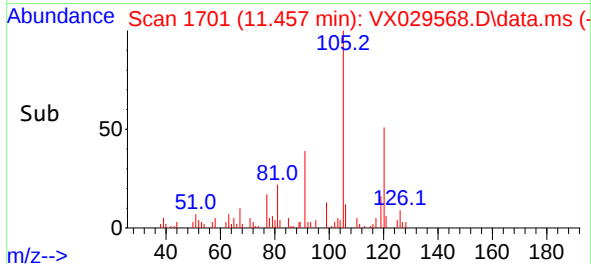
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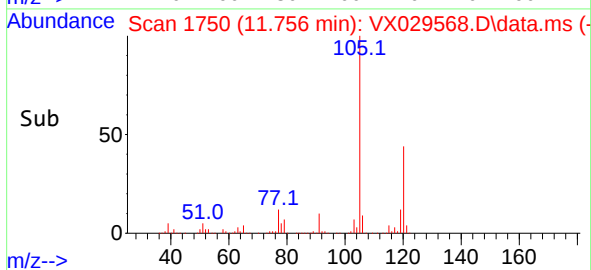
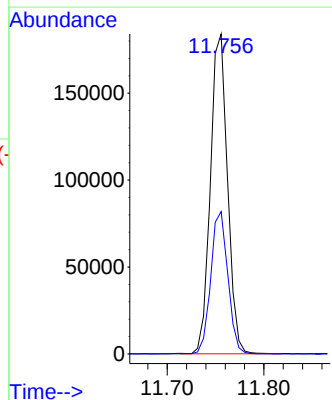
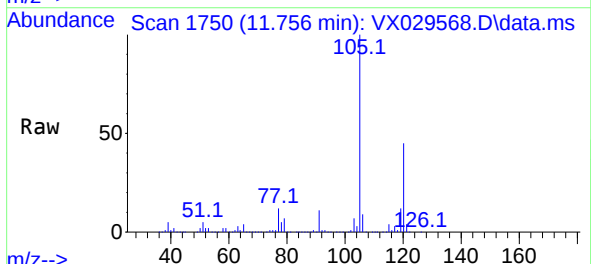
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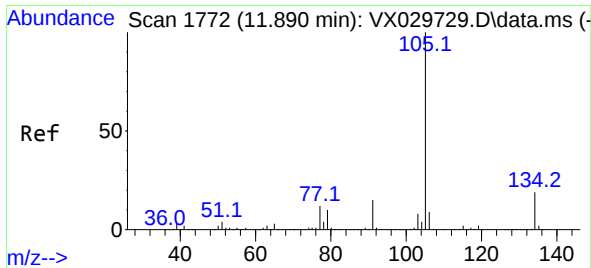
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#84
1,2,4-Trimethylbenzene
Concen: 20.323 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

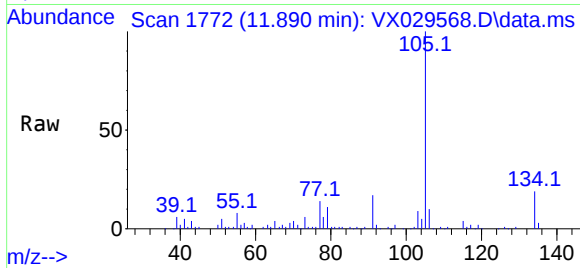
Tgt Ion:105 Resp: 226817
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 2.143 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX029568.D
 Acq: 18 Jun 2022 14:39

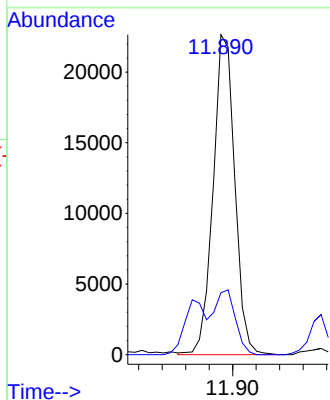
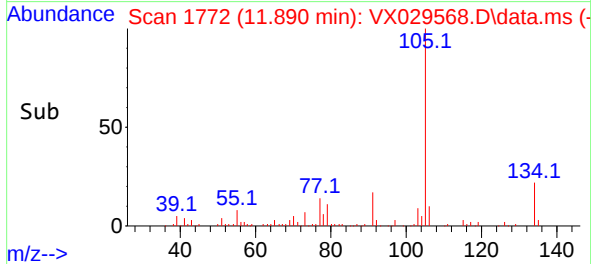
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3



Tgt Ion:105 Resp: 2898
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4

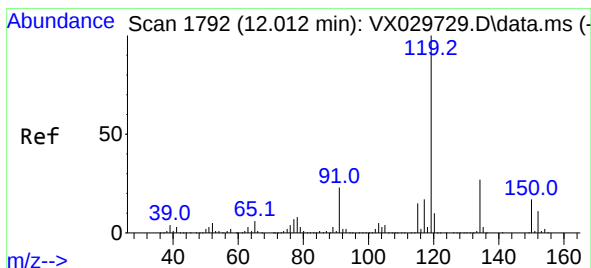
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 Supervised By :Mahesh Dadoda 06/23/2022

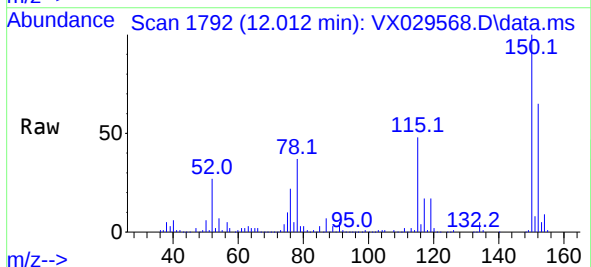


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 Dadoda

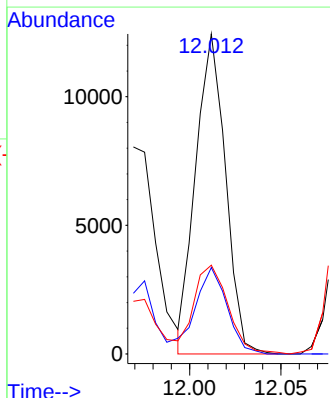
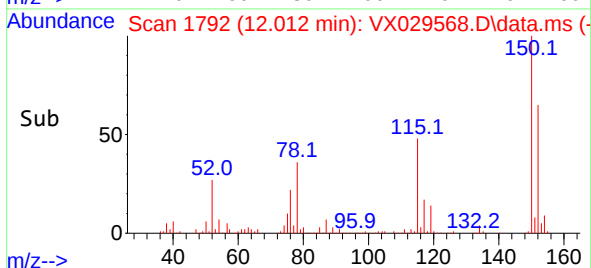
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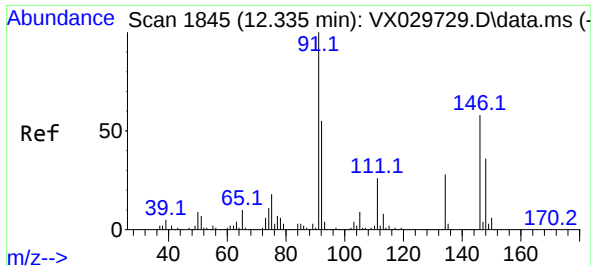


#86
 p-Isopropyltoluene
 Concen: 1.248 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029568.D
 Acq: 18 Jun 2022 14:39



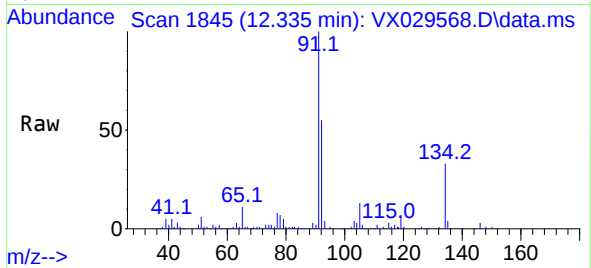
Tgt Ion:119 Resp: 14131
 Ion Ratio Lower Upper
 119 100
 134 29.3 13.0 39.0
 91 31.7 11.3 33.9





#89
n-Butylbenzene
Concen: 4.051 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

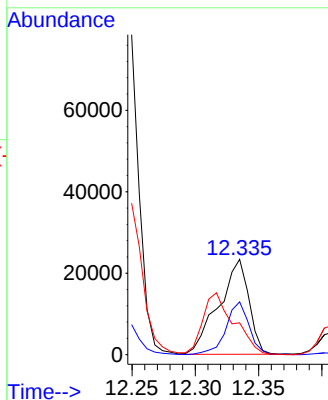
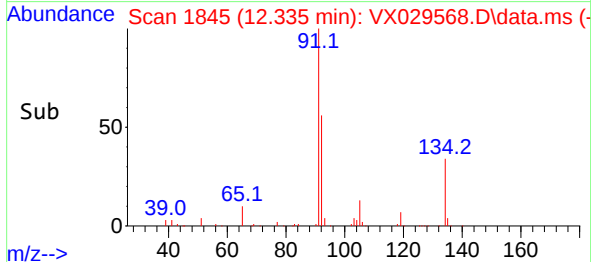
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion: 91 Resp: 38708
Ion Ratio Lower Upper
91 100
92 42.7 27.8 83.3
134 67.8 13.3 39.8

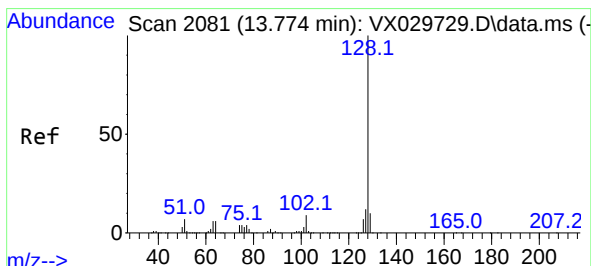
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Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

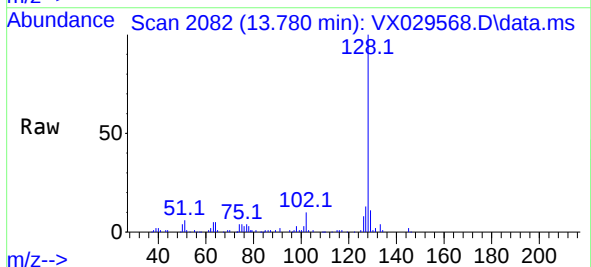


06/23/2022
Supervised By :Mahesh
Dadoda

06/23/2022



#95
Naphthalene
Concen: 2.298 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39



Tgt Ion:128 Resp: 28571
Ion Ratio Lower Upper
128 100
127 14.9 10.2 15.4
129 16.7 8.7 13.1

