

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029580.D
 Acq On : 18 Jun 2022 19:19
 Operator : JC/MD
 Sample : N3290-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4A

Quant Time: Jun 20 01:36:18 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

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 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	278901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190520	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	154523	41.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.700%
35) Dibromofluoromethane	5.391	113	135598	45.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.140%
50) Toluene-d8	8.653	98	527016	48.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.980%
62) 4-Bromofluorobenzene	11.085	95	199131	48.581	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.160%

Target Compounds

						Qvalue
11) Tert butyl alcohol	2.977	59	43093	46.012	ug/l #	72
16) Acetone	2.386	43	12679	8.616	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	612728	62.463	ug/l #	69
22) Diisopropyl ether	3.763	45	575851	63.808	ug/l #	87
25) 2-Butanone	4.580	43	9115	3.919	ug/l	91
31) Cyclohexane	5.477	56	330258	66.631	ug/l	99
39) Methylcyclohexane	7.385	83	173142	34.486	ug/l	92
40) Benzene	6.056	78	16832810	1410.173	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	6558	1.585	ug/l	92
52) Toluene	8.720	92	764665	100.040	ug/l	96
67) Ethyl Benzene	10.201	91	9157875	633.754	ug/l #	81
68) m/p-Xylenes	10.305	106	3150201	559.017	ug/l	92
69) o-Xylene	10.646	106	1510857	271.369	ug/l	97
73) Isopropylbenzene	10.963	105	1765510	123.592	ug/l	99
78) n-propylbenzene	11.305	91	3047192	189.399	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	484881	40.305	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	4462126	371.894	ug/l	95
85) sec-Butylbenzene	11.890	105	121166m	8.335	ug/l	
86) p-Isopropyltoluene	12.012	119	10710m	0.880	ug/l	
89) n-Butylbenzene	12.335	91	210362	20.477	ug/l #	56
95) Naphthalene	13.780	128	3166618	236.952	ug/l	99

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

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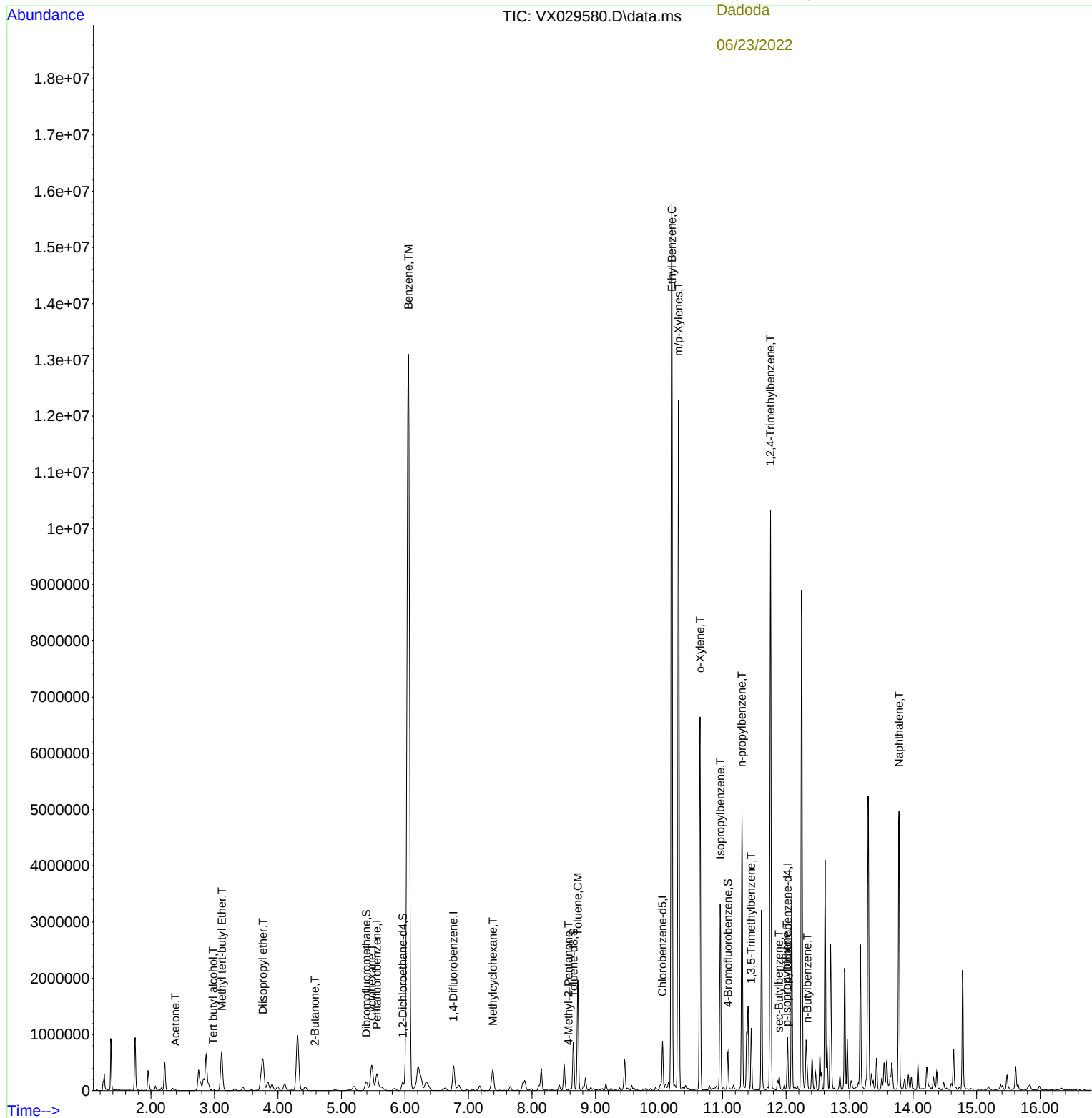
Quant Time: Jun 20 01:36:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

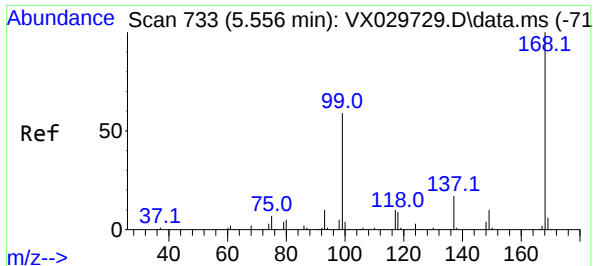
Manual Integrations
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Supervised By : Mahesh Dadoda 06/23/2022

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Dadoda

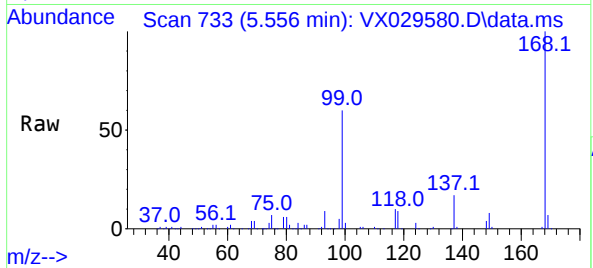
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
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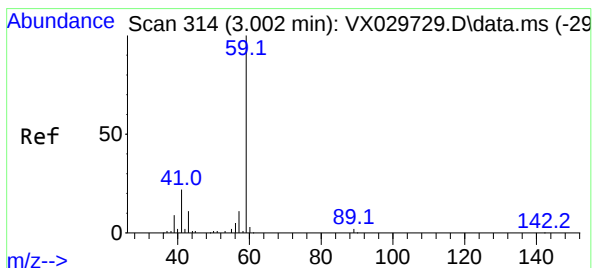
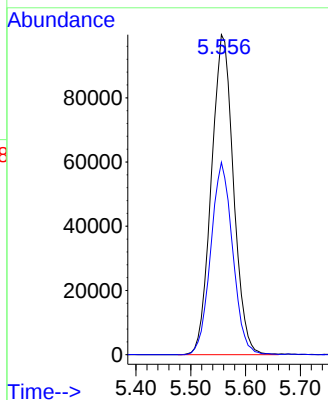
Tgt Ion:168 Resp: 27890
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5

Manual Integrations
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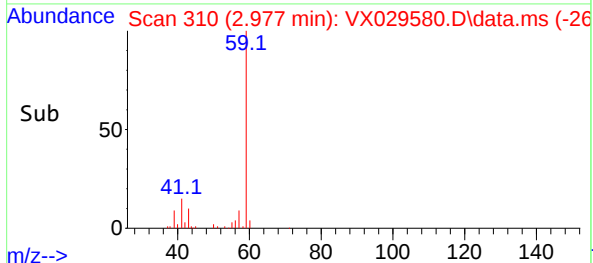
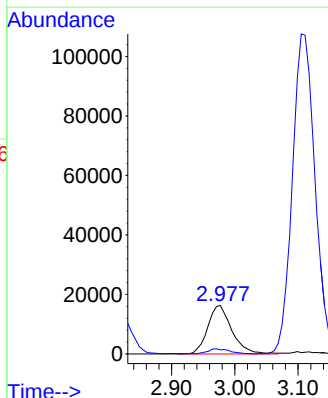
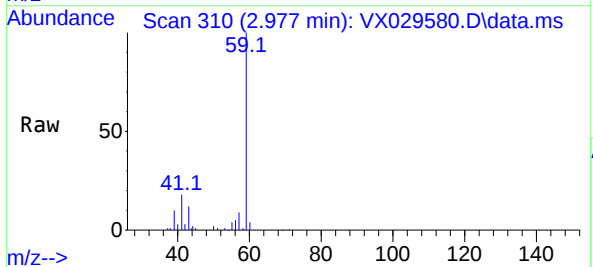
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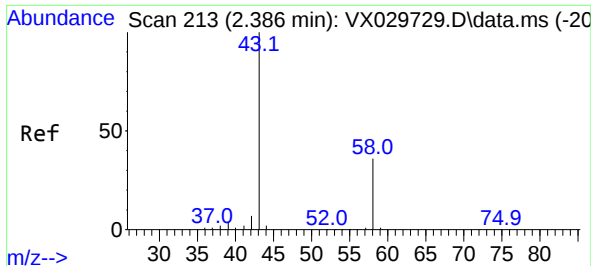
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#11
Tert butyl alcohol
Concen: 46.012 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

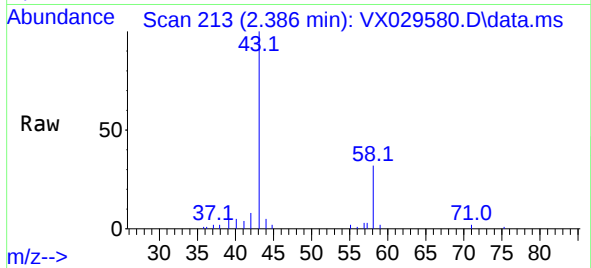
Tgt Ion: 59 Resp: 43093
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5





#16
Acetone
Concen: 8.616 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
MW-4A



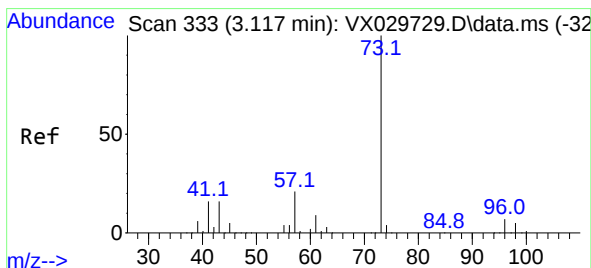
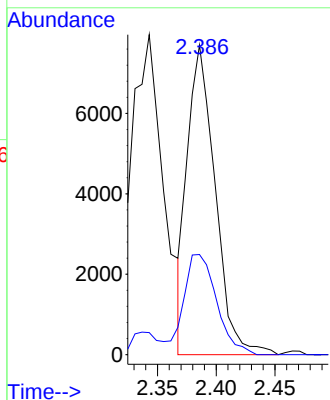
Tgt Ion: 43 Resp: 12679
Ion Ratio Lower Upper
43 100
58 32.4 28.8 43.2

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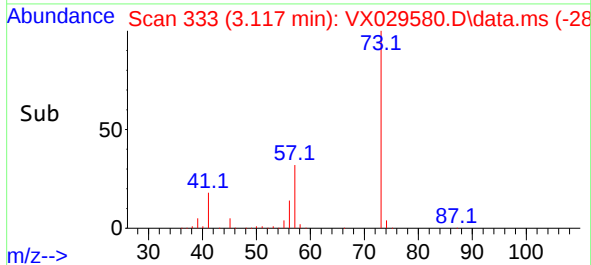
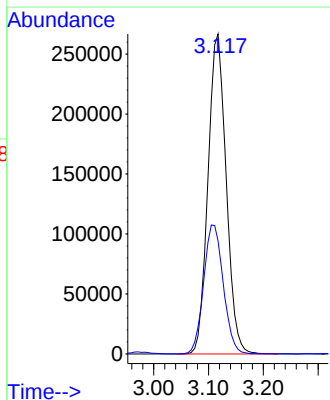
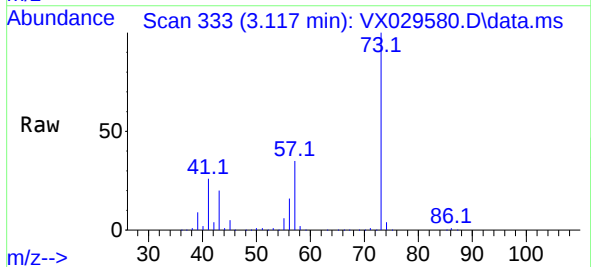
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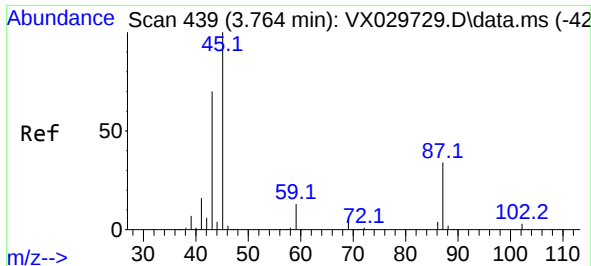
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#19
Methyl tert-butyl Ether
Concen: 62.463 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

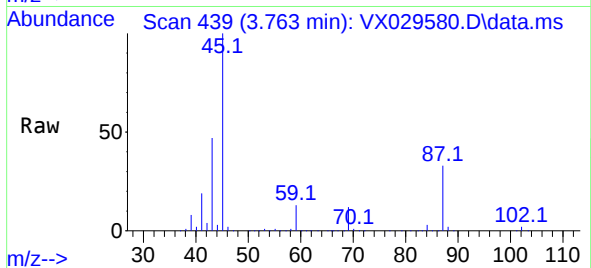
Tgt Ion: 73 Resp: 612728
Ion Ratio Lower Upper
73 100
57 35.3 16.8 25.2#





#22
Diisopropyl ether
Concen: 63.808 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
MW-4A



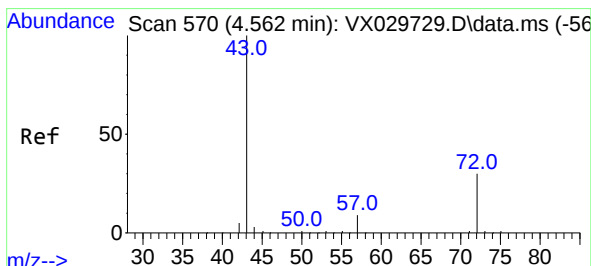
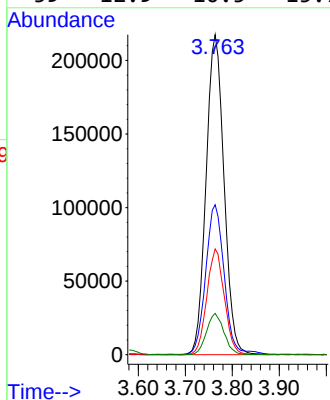
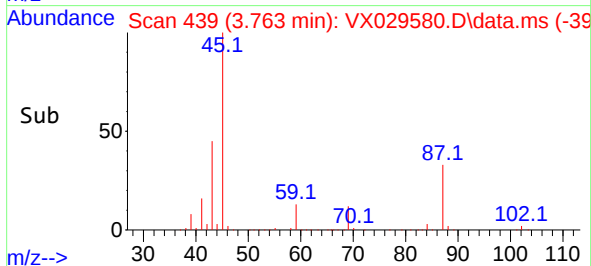
Tgt Ion: 45 Resp: 57585
Ion Ratio Lower Upper
45 100
43 46.8 50.8 76.2
87 33.1 26.6 39.8
59 12.9 10.5 15.7

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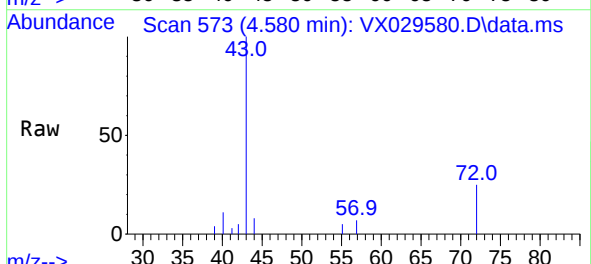
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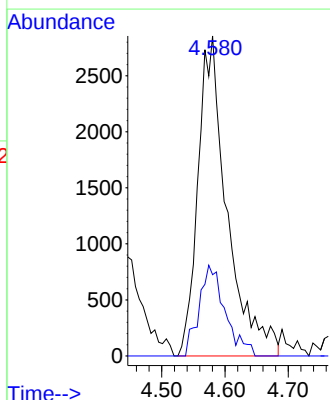
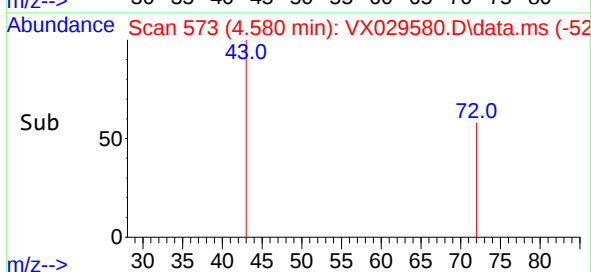
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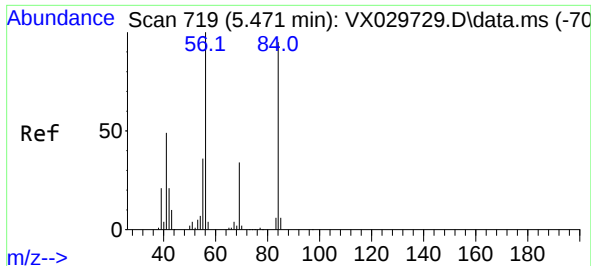


#25
2-Butanone
Concen: 3.919 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19



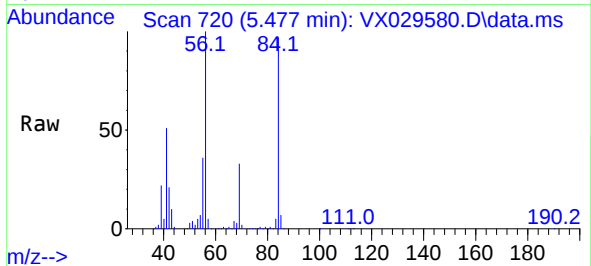
Tgt Ion: 43 Resp: 9115
Ion Ratio Lower Upper
43 100
72 25.4 24.4 36.6





#31
Cyclohexane
Concen: 66.631 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

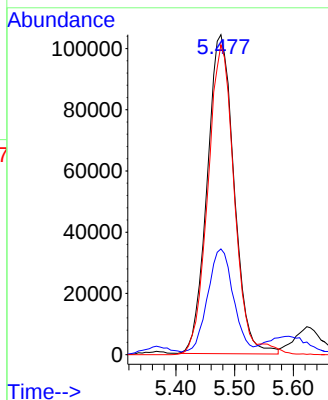
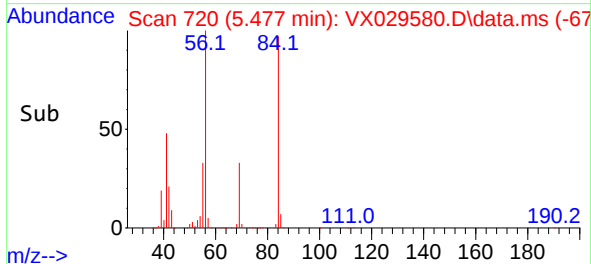
Instrument :
MSVOA_X
ClientSampleId :
MW-4A



Tgt Ion: 56 Resp: 330258
Ion Ratio Lower Upper
56 100
69 32.0 26.7 40.1
84 97.1 77.2 115.8

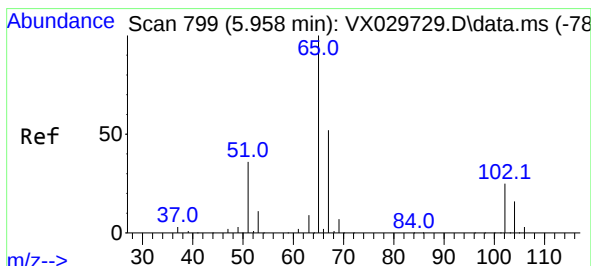
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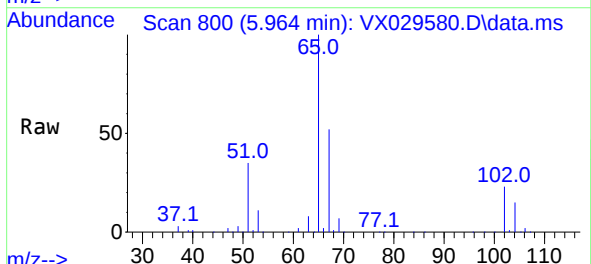


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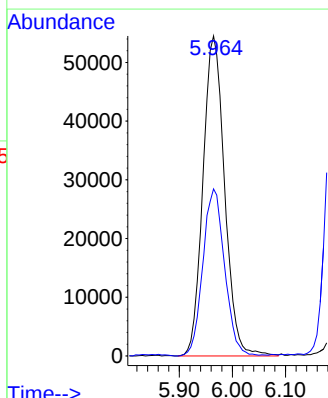
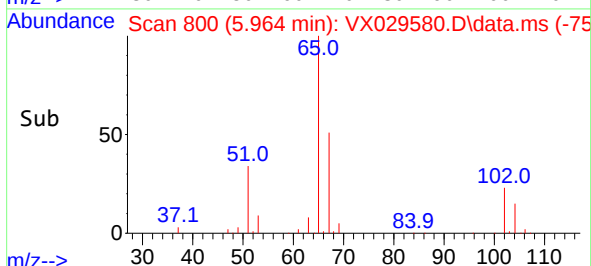
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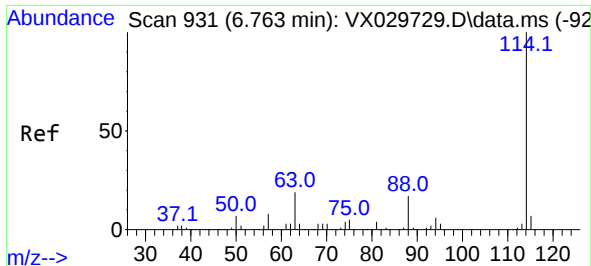


#33
1,2-Dichloroethane-d4
Concen: 41.855 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19



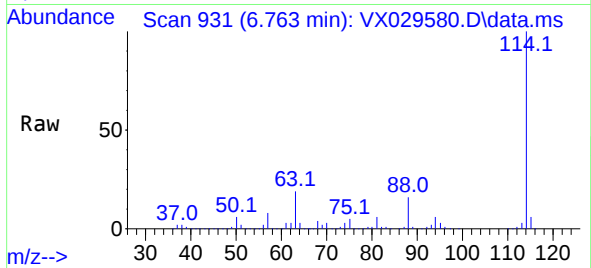
Tgt Ion: 65 Resp: 154523
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
MW-4A



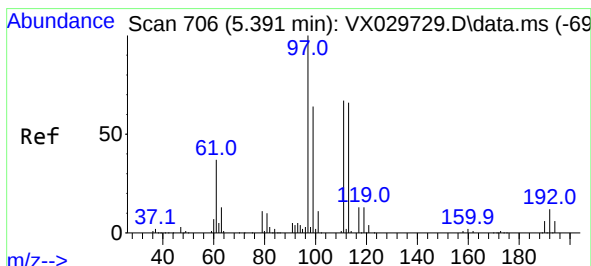
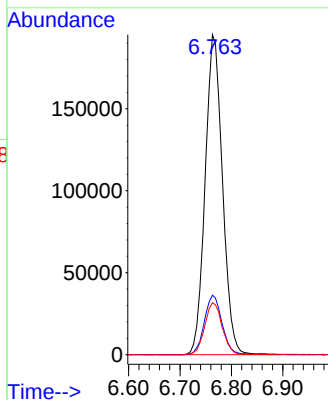
Tgt Ion:114 Resp: 456550
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 16.2 0.0 32.4

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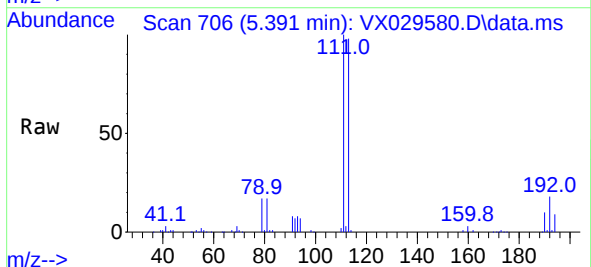
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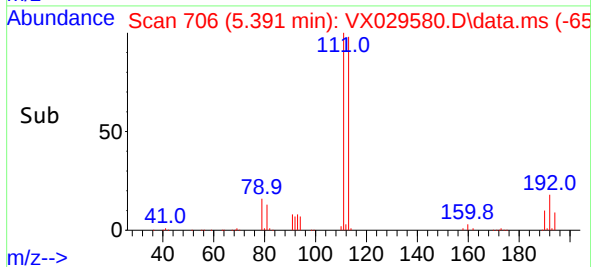
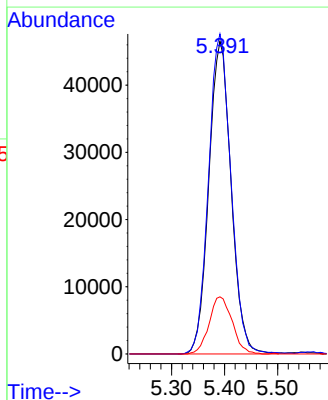
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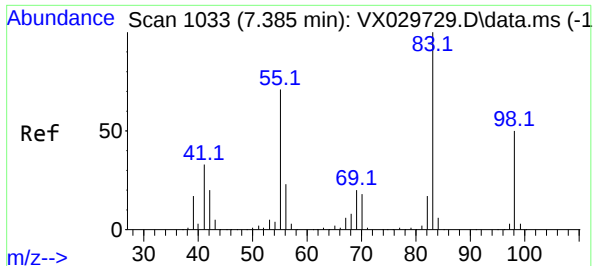


#35
Dibromofluoromethane
Concen: 45.574 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19



Tgt Ion:113 Resp: 135598
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 18.9 16.9 25.3





#39

Methylcyclohexane

Concen: 34.486 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-4A

Tgt Ion: 83 Resp: 17314

Ion Ratio Lower Upper

83 100

55 76.1 54.6 81.8

98 50.2 37.4 56.2

Manual Integrations

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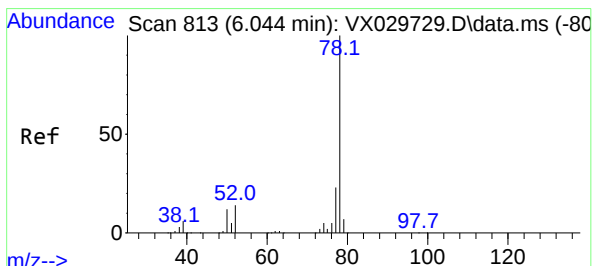
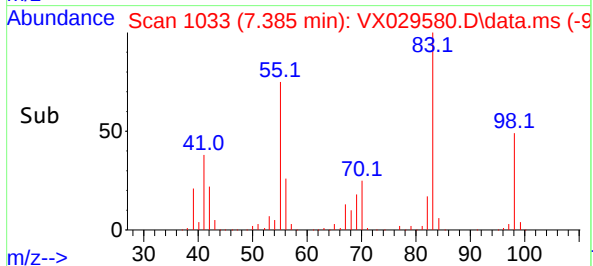
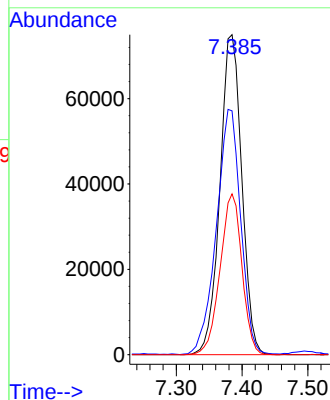
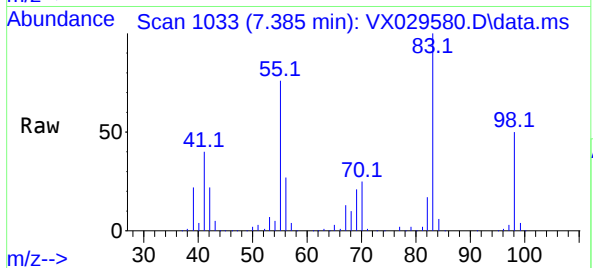
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#40

Benzene

Concen: 1410.173 ug/l

RT: 6.056 min Scan# 815

Delta R.T. 0.012 min

Lab File: VX029580.D

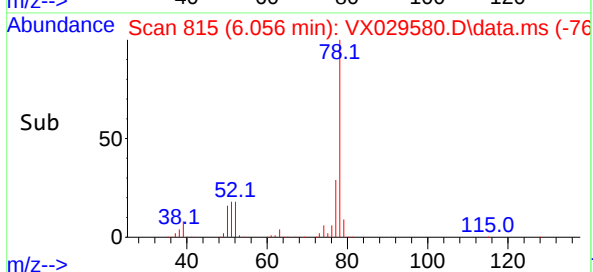
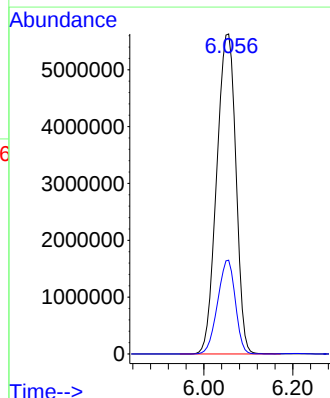
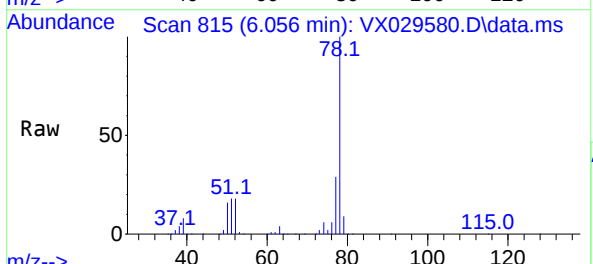
Acq: 18 Jun 2022 19:19

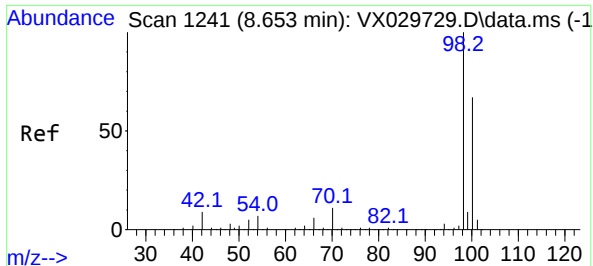
Tgt Ion: 78 Resp:16832810

Ion Ratio Lower Upper

78 100

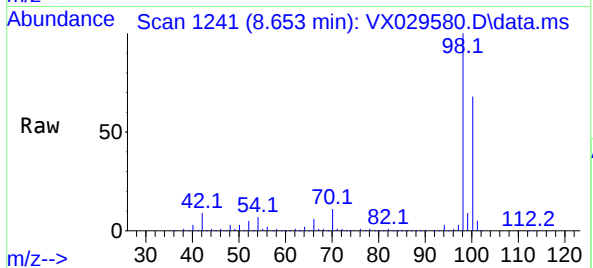
77 29.3 19.3 28.9#





#50
Toluene-d8
Concen: 48.486 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029580.D
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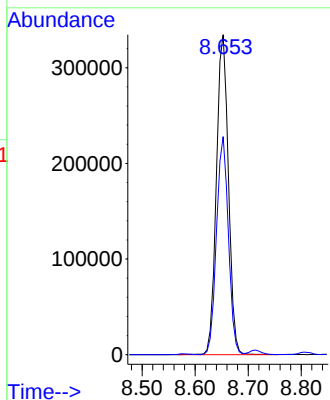
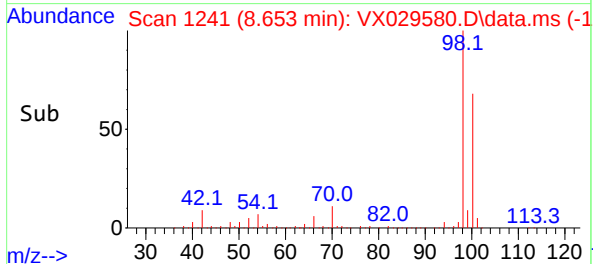
Instrument :
MSVOA_X
ClientSampleId :
MW-4A



Tgt Ion: 98 Resp: 527010
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8

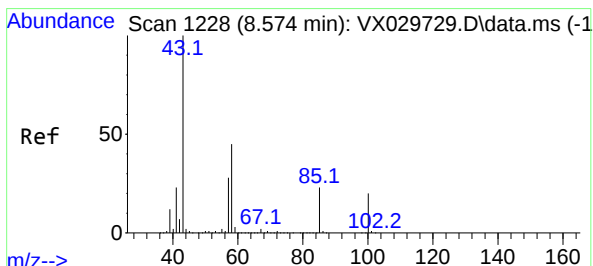
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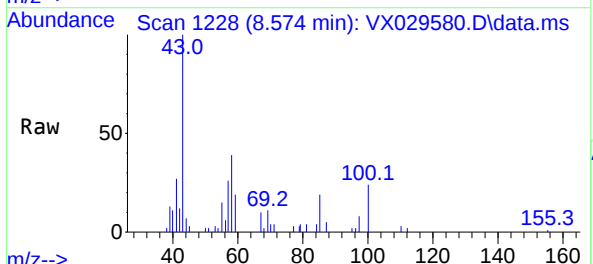


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Supervised By :Mahesh
Dadoda

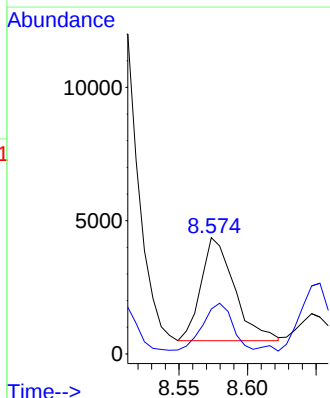
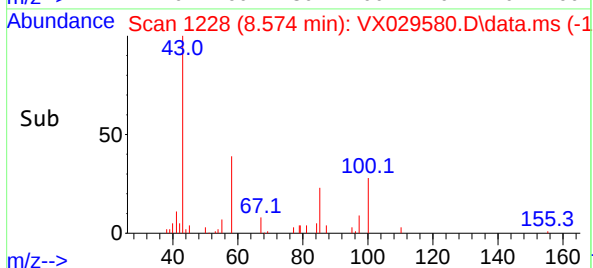
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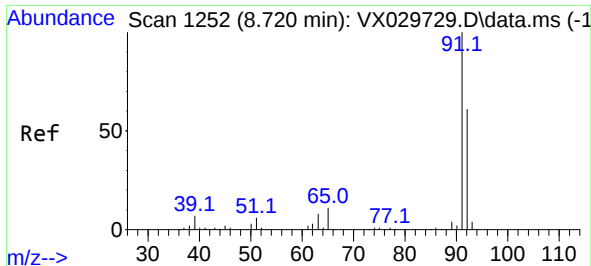


#51
4-Methyl-2-Pentanone
Concen: 1.585 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19



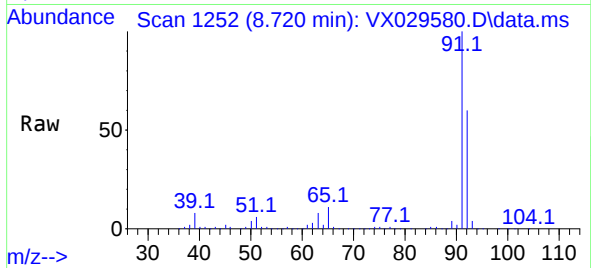
Tgt Ion: 43 Resp: 6558
Ion Ratio Lower Upper
43 100
58 39.9 36.1 54.1





#52
Toluene
Concen: 100.040 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

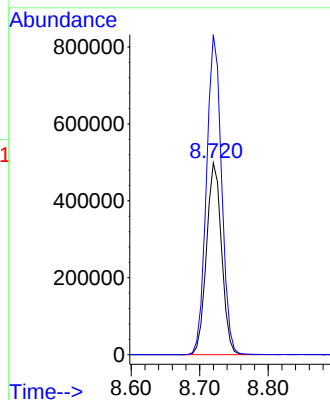
Instrument :
MSVOA_X
ClientSampleId :
MW-4A



Tgt Ion: 92 Resp: 76466
Ion Ratio Lower Upper
92 100
91 166.8 137.5 206.3

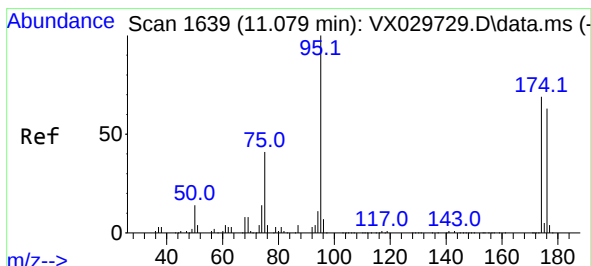
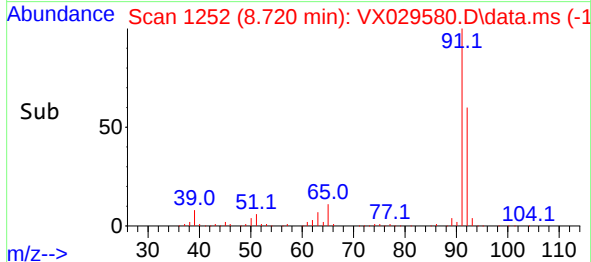
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Supervised By :Mahesh Dadoda 06/23/2022



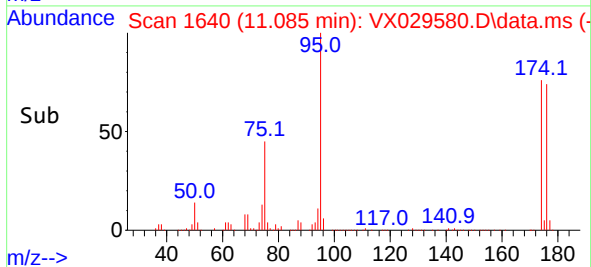
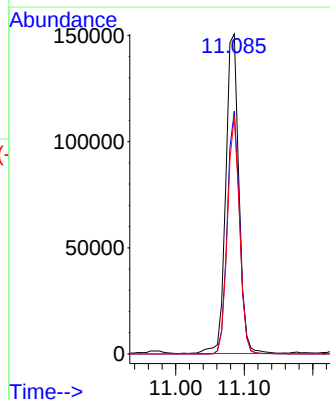
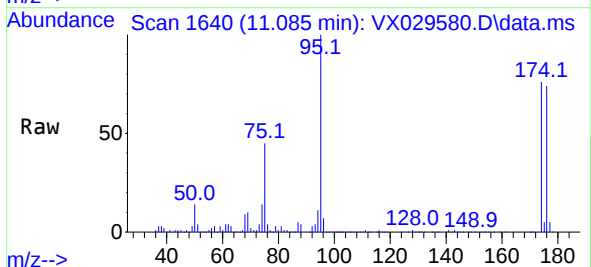
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Dadoda

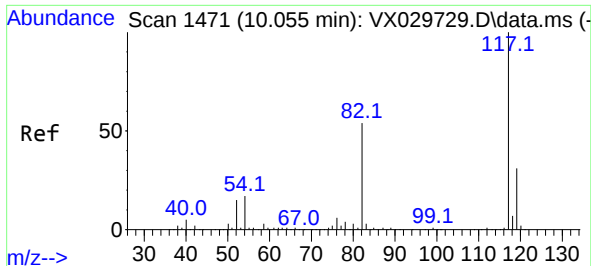
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#62
4-Bromofluorobenzene
Concen: 48.581 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

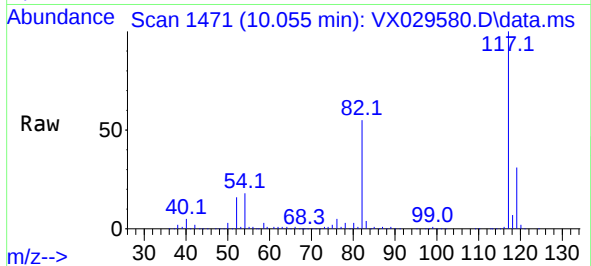
Tgt Ion: 95 Resp: 199131
Ion Ratio Lower Upper
95 100
174 71.3 0.0 163.0
176 68.6 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
MW-4A



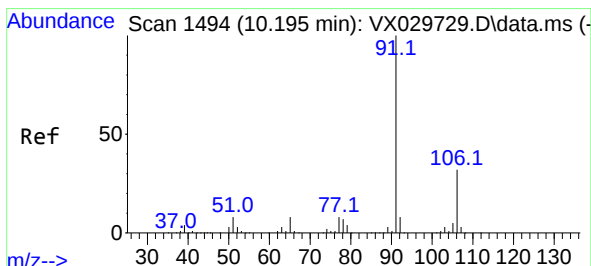
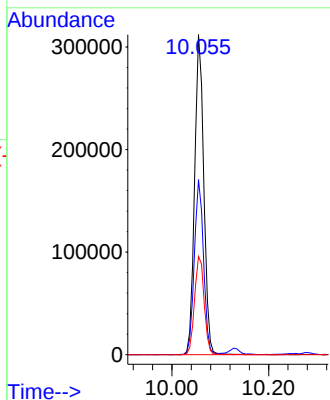
Tgt Ion:117 Resp: 409372
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 30.7 24.8 37.2

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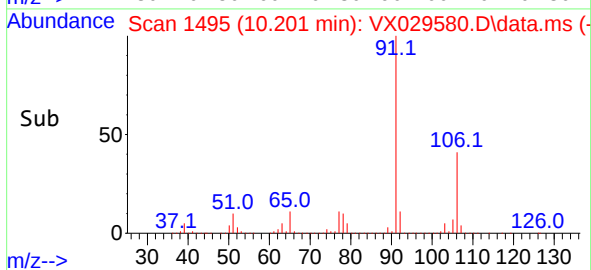
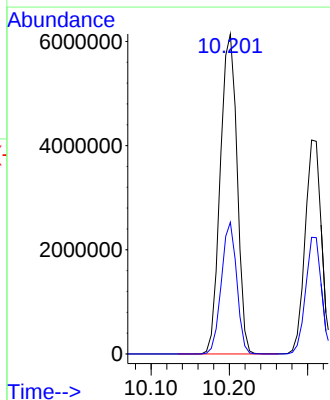
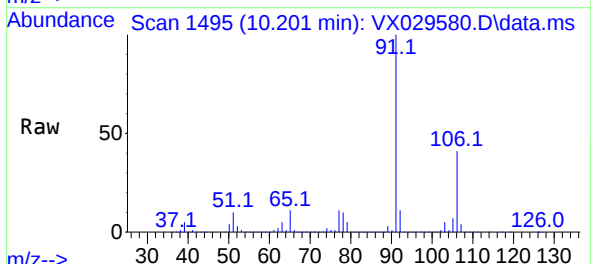
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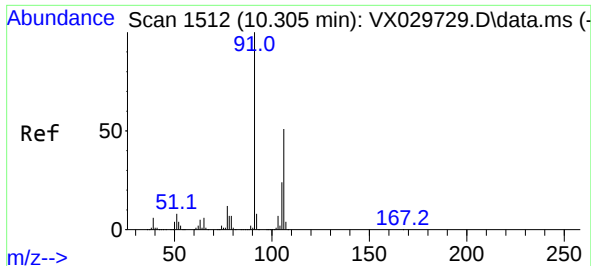
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#67
Ethyl Benzene
Concen: 633.754 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

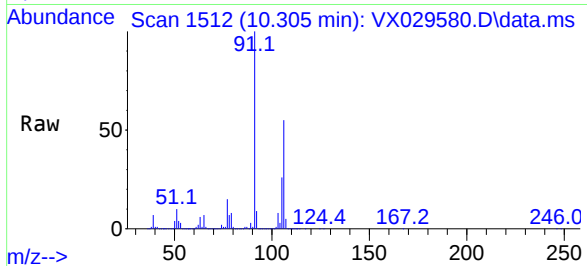
Tgt Ion: 91 Resp: 9157875
Ion Ratio Lower Upper
91 100
106 41.2 24.6 36.8#





#68
m/p-Xylenes
Concen: 559.017 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

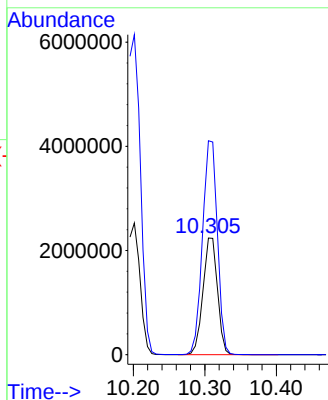
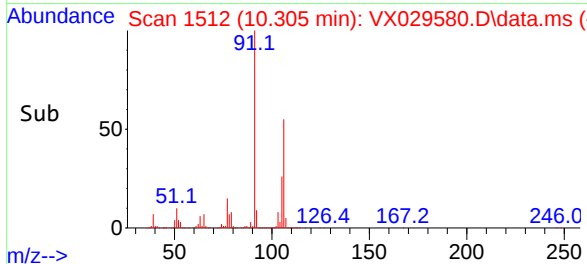
Instrument :
MSVOA_X
ClientSampleId :
MW-4A



Tgt Ion:106 Resp: 315020
Ion Ratio Lower Upper
106 100
91 188.4 160.4 240.6

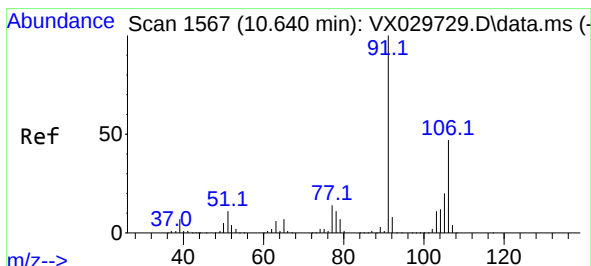
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Supervised By :Mahesh Dadoda 06/23/2022

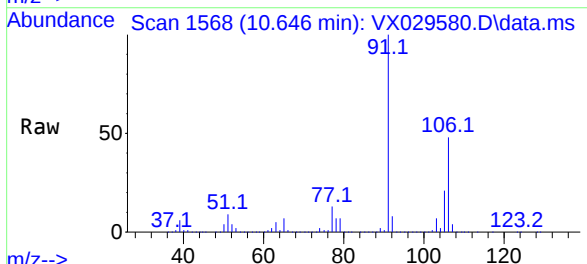


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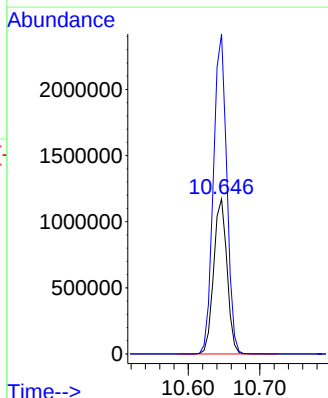
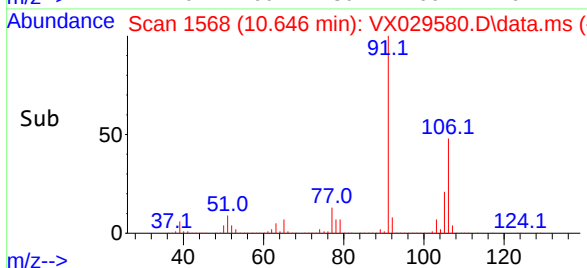
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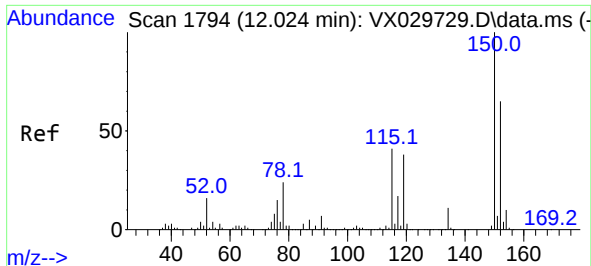


#69
o-Xylene
Concen: 271.369 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19



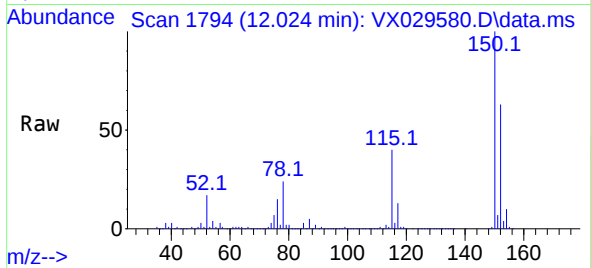
Tgt Ion:106 Resp: 1510857
Ion Ratio Lower Upper
106 100
91 207.9 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
MW-4A



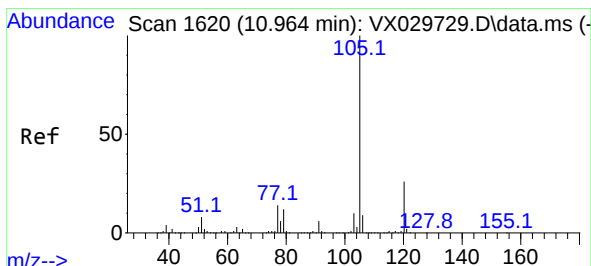
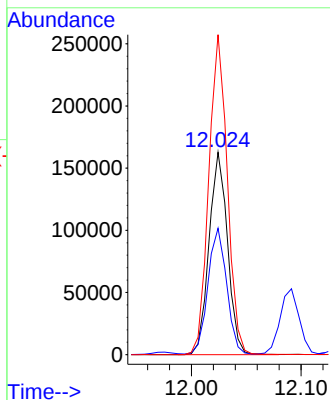
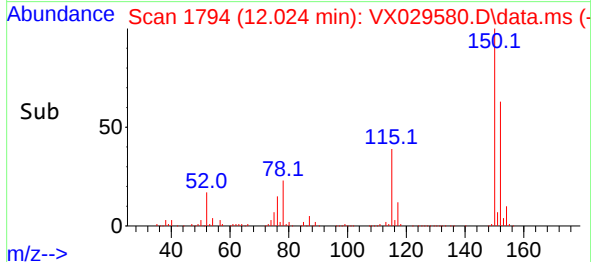
Tgt Ion:152 Resp: 190520
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 158.5 0.0 338.2

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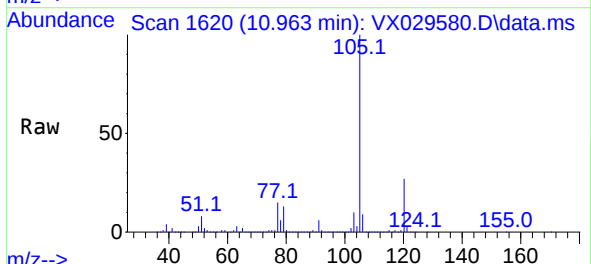
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

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Supervised By :Mahesh
Dadoda

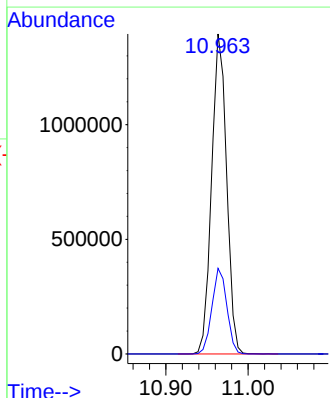
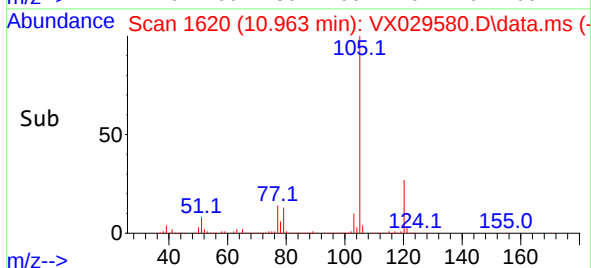
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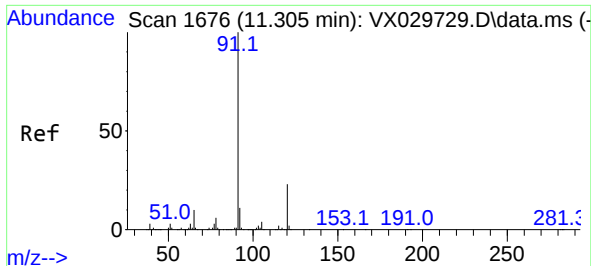


#73
Isopropylbenzene
Concen: 123.592 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19



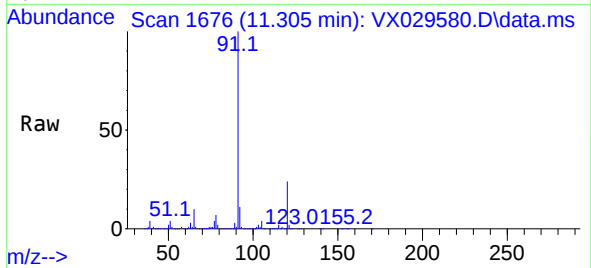
Tgt Ion:105 Resp: 1765510
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5





#78
n-propylbenzene
Concen: 189.399 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

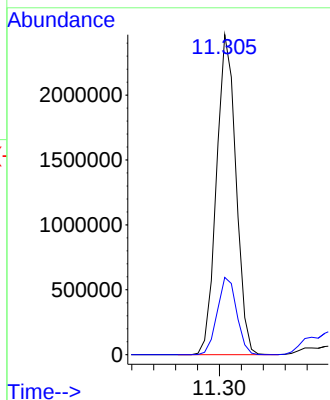
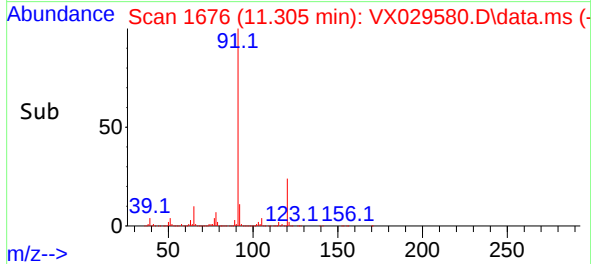
Instrument :
MSVOA_X
ClientSampleId :
MW-4A



Tgt Ion: 91 Resp: 304719
Ion Ratio Lower Upper
91 100
120 24.1 11.6 34.8

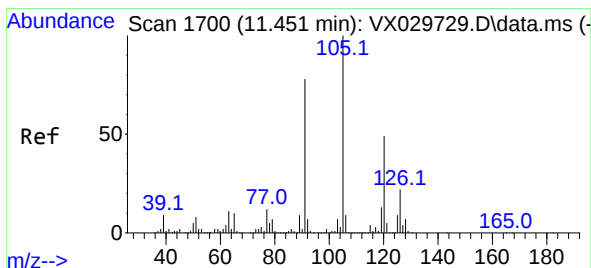
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Supervised By :Mahesh Dadoda 06/23/2022

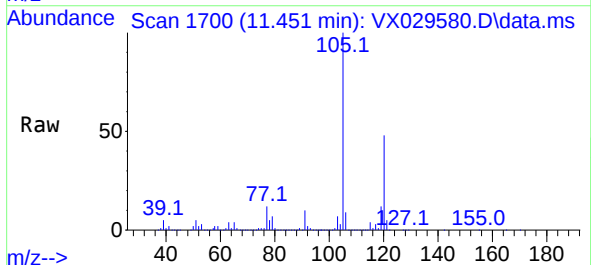


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Dadoda

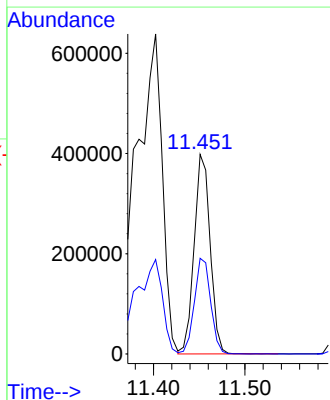
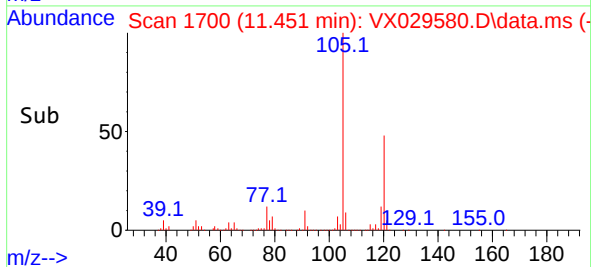
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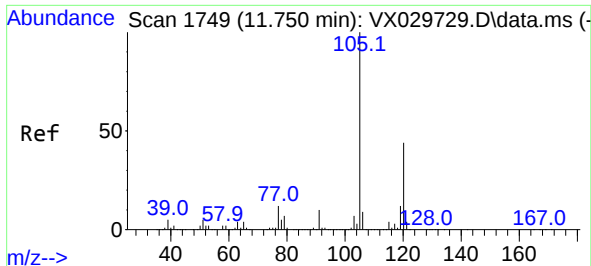


#80
1,3,5-Trimethylbenzene
Concen: 40.305 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19



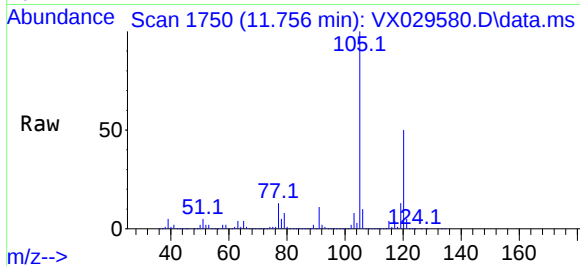
Tgt Ion:105 Resp: 484881
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 371.894 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

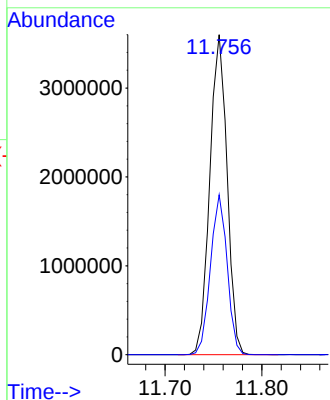
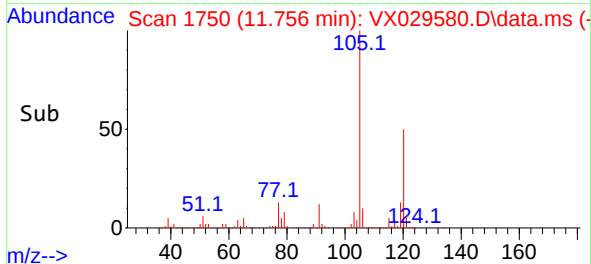
Instrument :
MSVOA_X
ClientSampleId :
MW-4A



Tgt Ion:105 Resp: 4462120
Ion Ratio Lower Upper
105 100
120 48.3 22.6 67.8

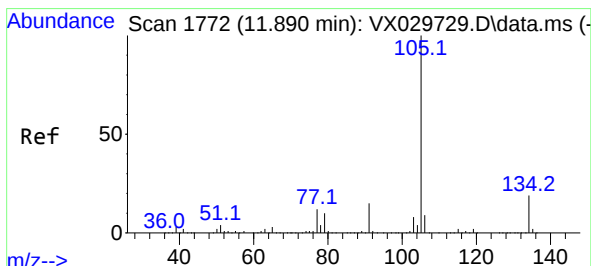
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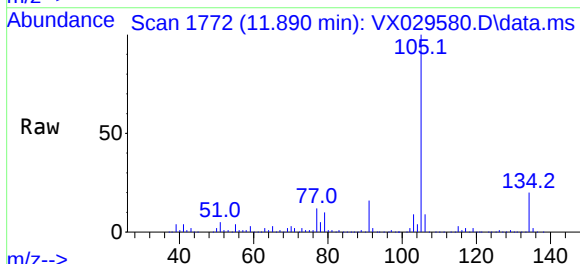


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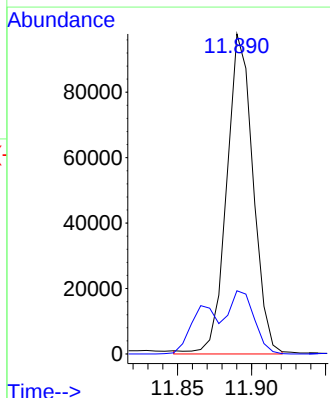
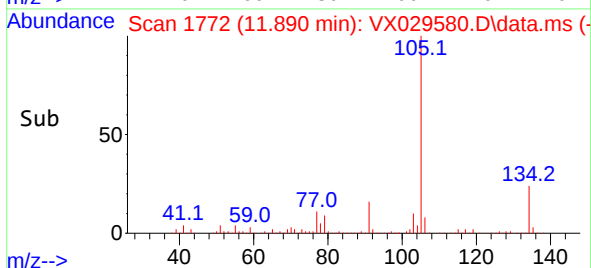
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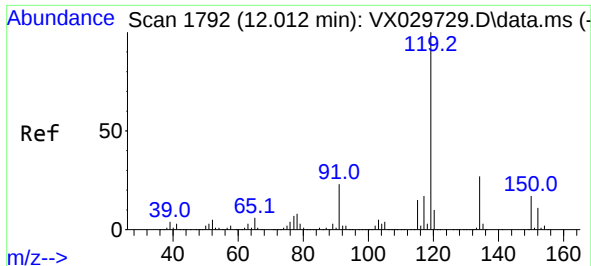


#85
sec-Butylbenzene
Concen: 8.335 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19



Tgt Ion:105 Resp: 121166
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





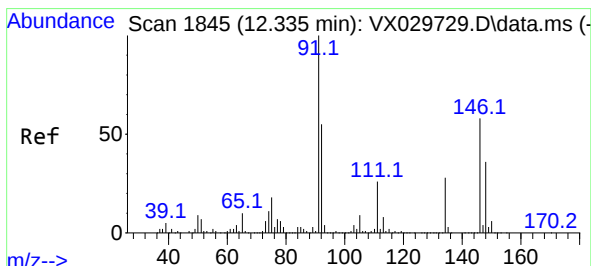
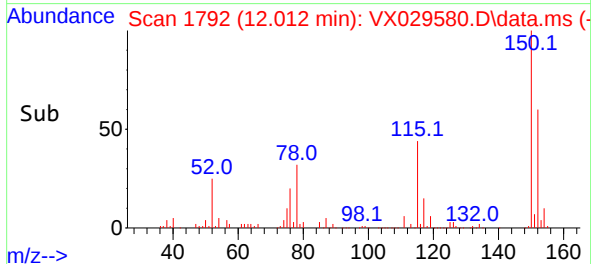
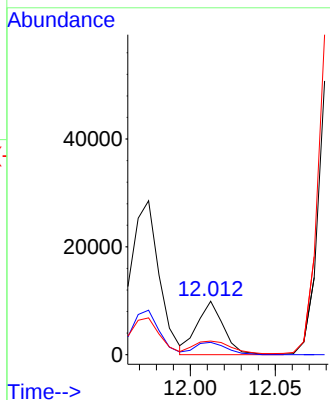
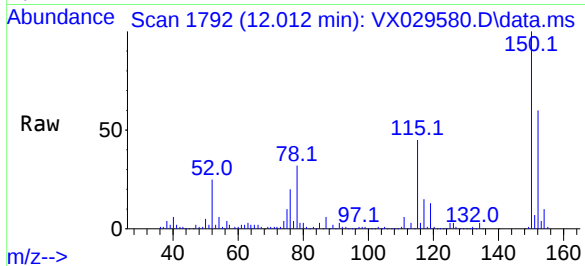
#86
p-Isopropyltoluene
Concen: 0.880 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
MW-4A

Tgt Ion:119 Resp: 10710
Ion Ratio Lower Upper
119 100
134 91.1 13.0 39.0
91 0.0 11.3 33.9

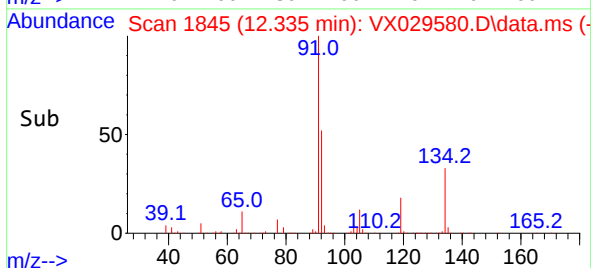
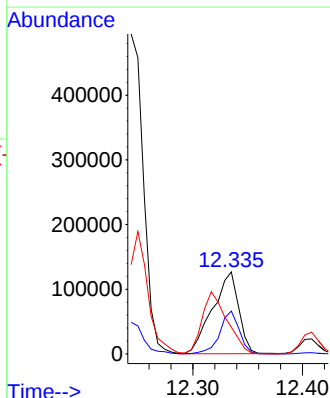
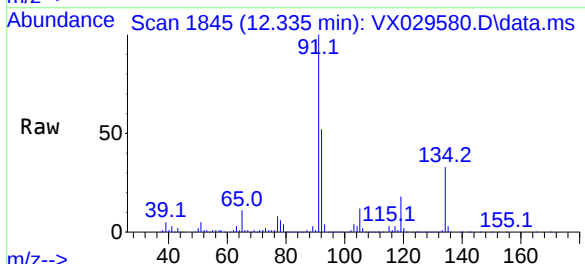
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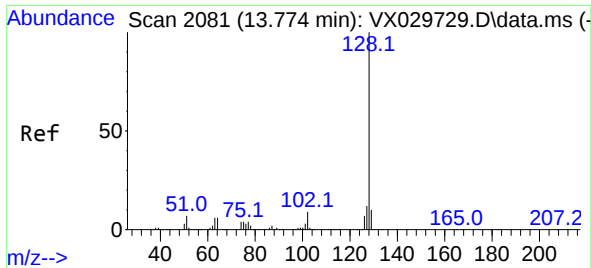
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#89
n-Butylbenzene
Concen: 20.477 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

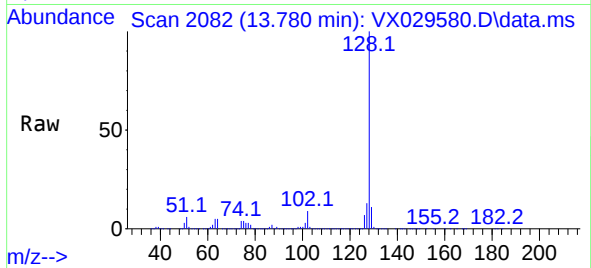
Tgt Ion: 91 Resp: 210362
Ion Ratio Lower Upper
91 100
92 39.0 27.8 83.3
134 72.4 13.3 39.8





#95
Naphthalene
Concen: 236.952 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

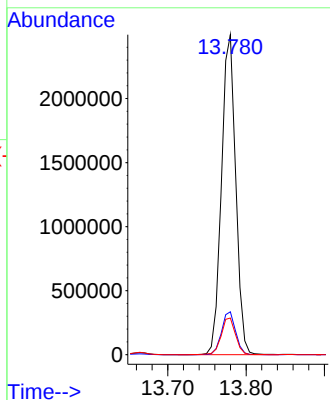
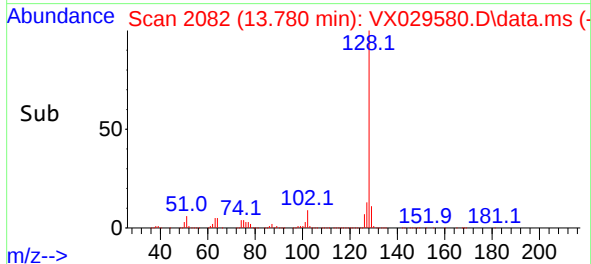
Instrument :
MSVOA_X
ClientSampleId :
MW-4A



Tgt Ion:128 Resp: 3166618
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.6 8.7 13.1

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Supervised By :Mahesh Dadoda 06/23/2022



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Dadoda

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