

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029572.D
 Acq On : 18 Jun 2022 16:13
 Operator : JC/MD
 Sample : N3325-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16

Quant Time: Jun 20 01:34:33 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	272945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450325	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156242	43.244	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.480%		
35) Dibromofluoromethane	5.391	113	136209	46.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.820%		
50) Toluene-d8	8.653	98	515256	48.060	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.120%		
62) 4-Bromofluorobenzene	11.079	95	193986	47.980	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.960%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	52658	59.841	ug/l	100
16) Acetone	2.386	43	4019	2.791	ug/l	99
17) Carbon Disulfide	2.538	76	67053	9.354	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	27350	2.849	ug/l #	1
22) Diisopropyl ether	3.757	45	9028	1.022	ug/l #	82
31) Cyclohexane	5.477	56	72423	14.931	ug/l	96
39) Methylcyclohexane	7.385	83	41584	8.397	ug/l	94
40) Benzene	6.044	78	1268671	107.754	ug/l	98
52) Toluene	8.720	92	16563	2.197	ug/l	96
67) Ethyl Benzene	10.195	91	225688	16.156	ug/l	99
68) m/p-Xylenes	10.305	106	24762	4.545	ug/l	97
69) o-Xylene	10.646	106	3455	0.642	ug/l	96
73) Isopropylbenzene	10.963	105	301975	21.793	ug/l	98
78) n-propylbenzene	11.305	91	834555	53.475	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3708m	0.318	ug/l	
83) tert-Butylbenzene	11.713	119	4583	0.403	ug/l	77
84) 1,2,4-Trimethylbenzene	11.756	105	21107	1.814	ug/l	98
85) sec-Butylbenzene	11.890	105	73731	5.229	ug/l	97
89) n-Butylbenzene	12.335	91	76854	7.712	ug/l #	43
95) Naphthalene	13.780	128	38099	2.939	ug/l	98

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

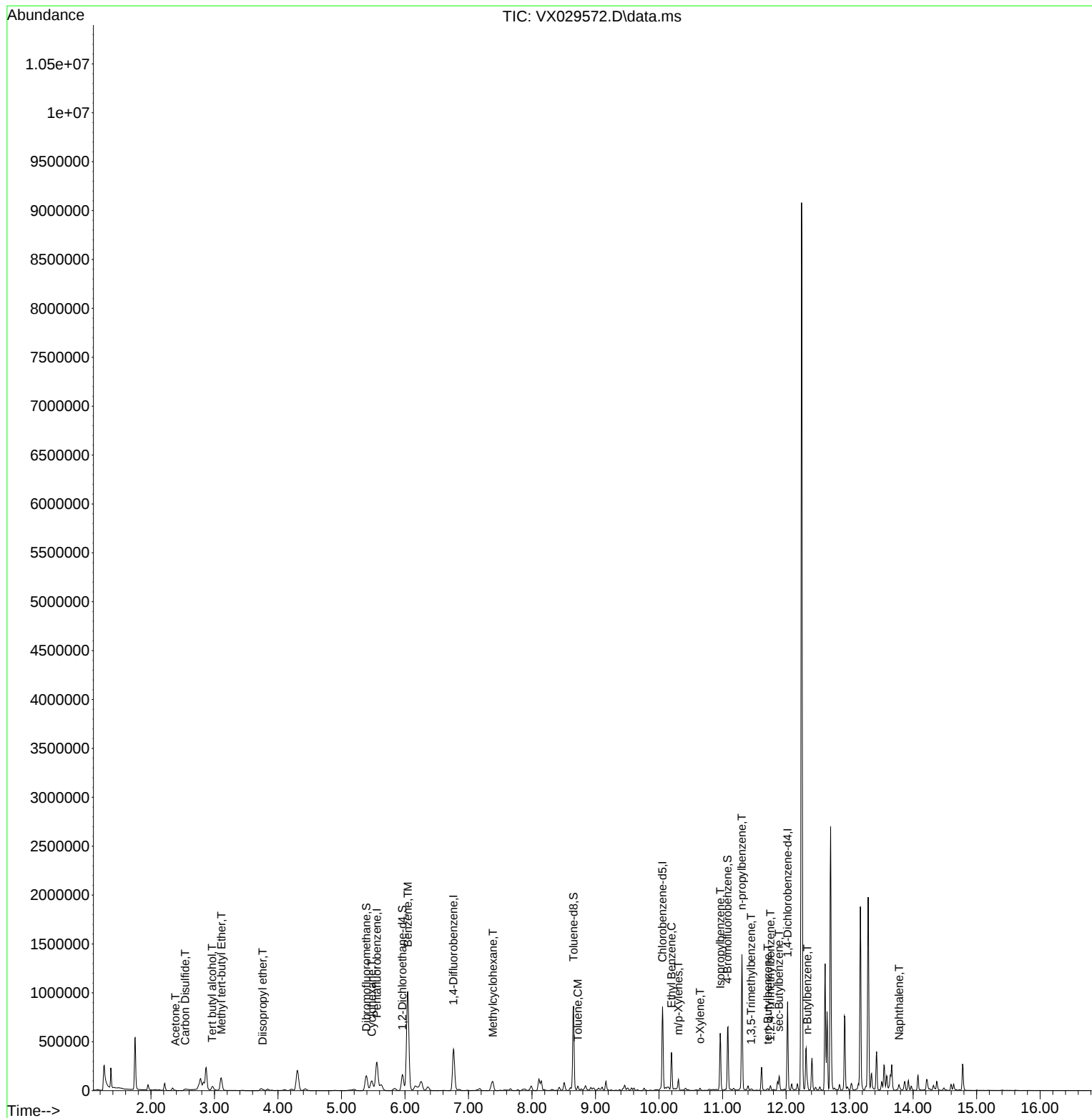
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
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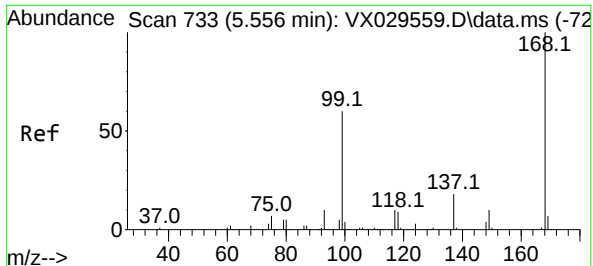
Instrument :
MSVOA_X
ClientSampleId :
MW-16

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

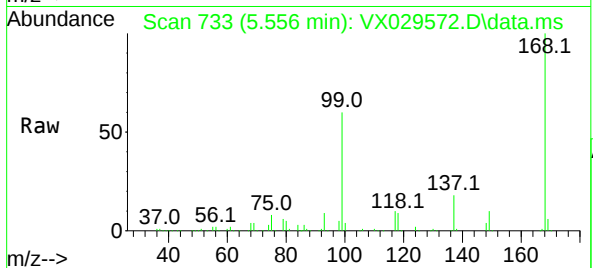
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

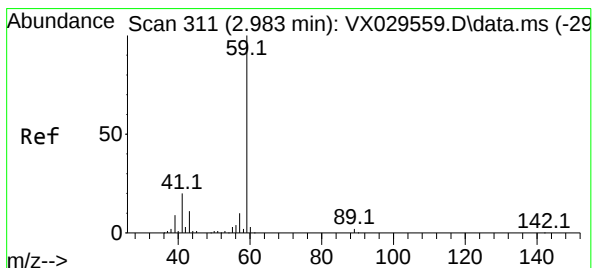
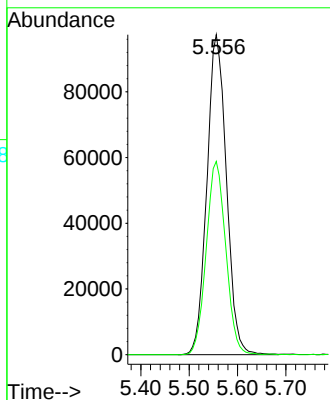
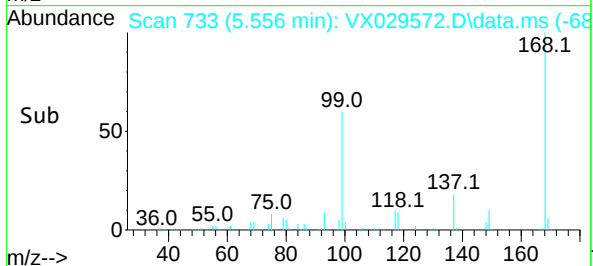
Instrument :
MSVOA_X
ClientSampleId :
MW-16



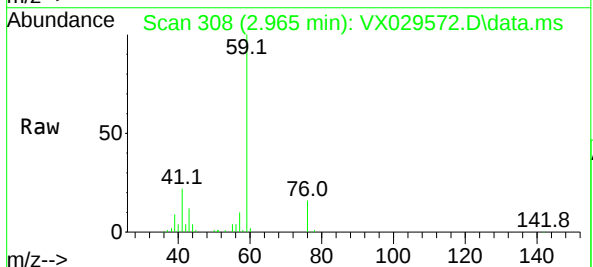
Tgt Ion:168 Resp: 27294
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5

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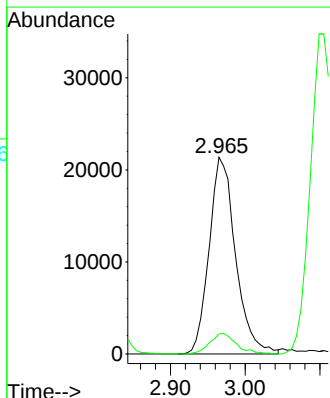
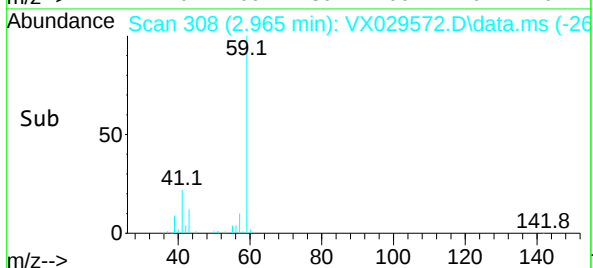
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Supervised By :Mahesh Dadoda 06/23/2022

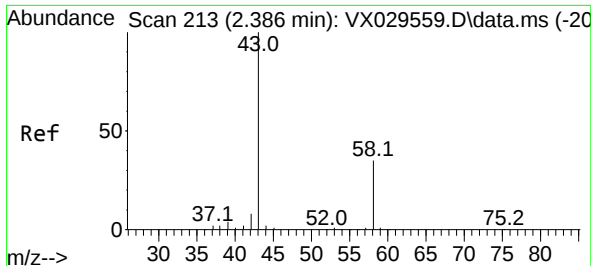


#11
Tert butyl alcohol
Concen: 59.841 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13



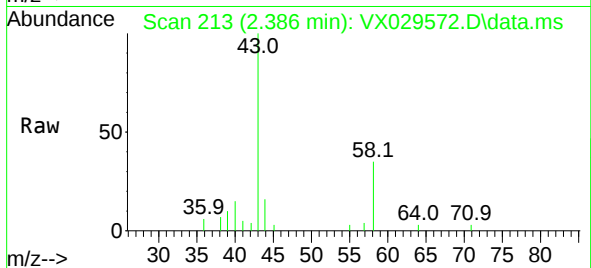
Tgt Ion: 59 Resp: 52658
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5





#16
Acetone
Concen: 2.791 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

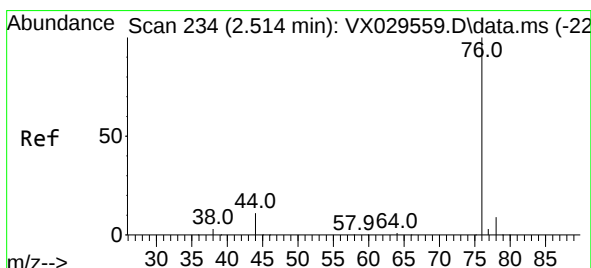
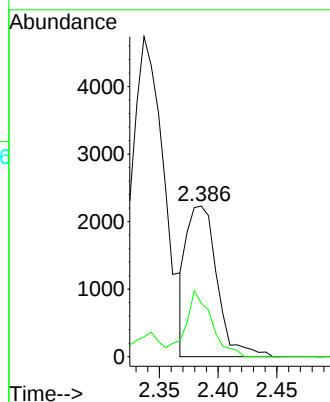
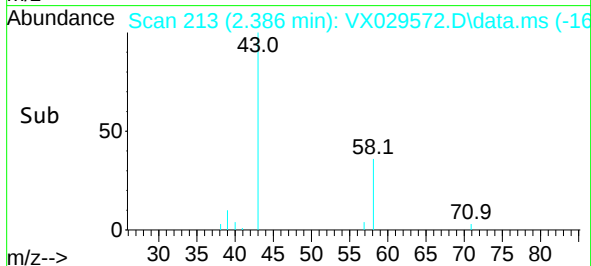
Instrument : MSVOA_X
ClientSampleId : MW-16



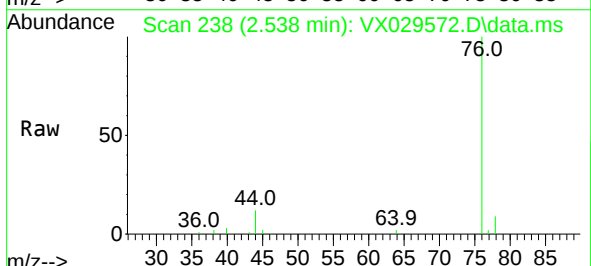
Tgt Ion: 43 Resp: 4019
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2

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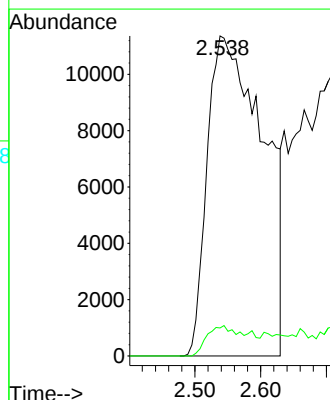
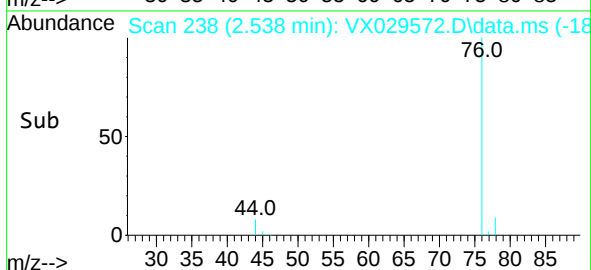
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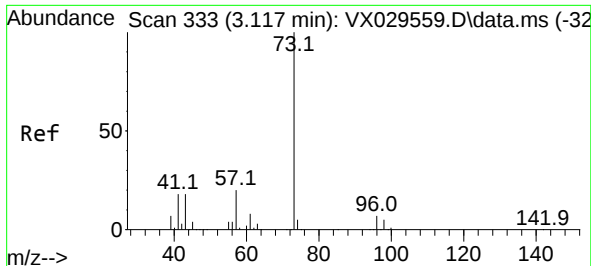


#17
Carbon Disulfide
Concen: 9.354 ug/l
RT: 2.538 min Scan# 238
Delta R.T. 0.024 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13



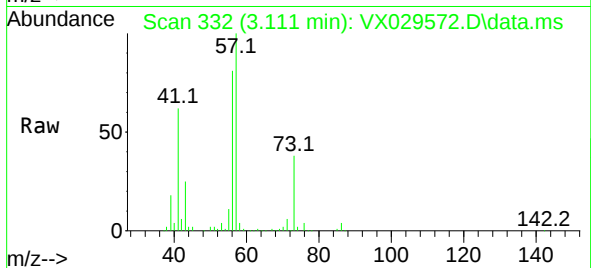
Tgt Ion: 76 Resp: 67053
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8





#19
Methyl tert-butyl Ether
Concen: 2.849 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

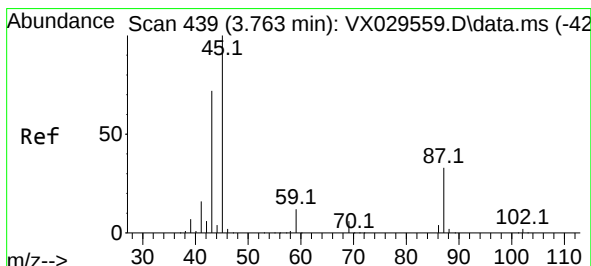
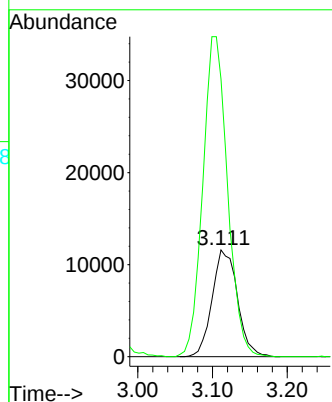
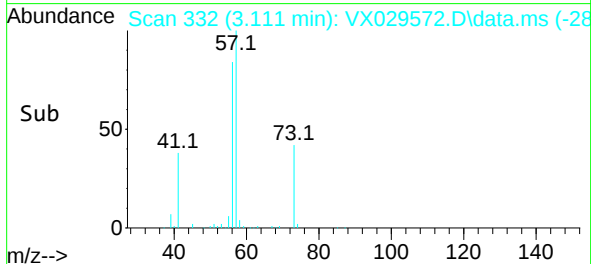
Instrument :
MSVOA_X
ClientSampleId :
MW-16



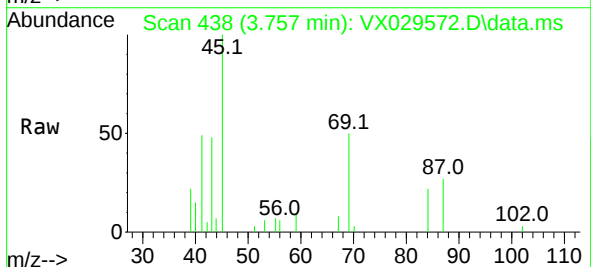
Tgt Ion: 73 Resp: 27350
Ion Ratio Lower Upper
73 100
57 260.0 16.8 25.2

Manual Integrations
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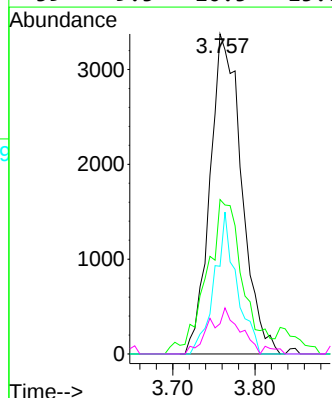
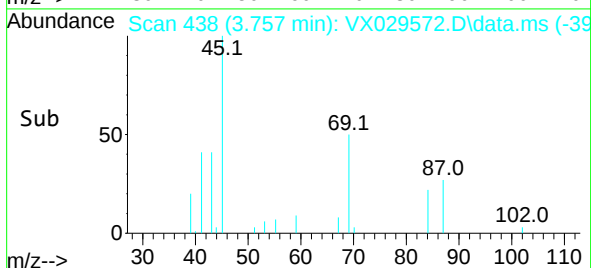
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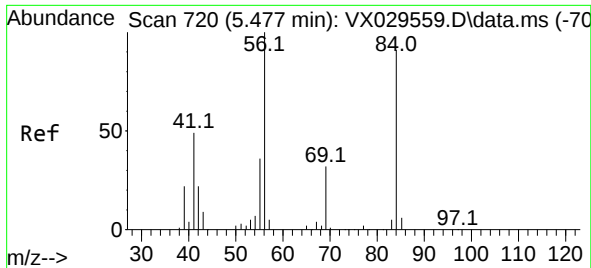


#22
Diisopropyl ether
Concen: 1.022 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13



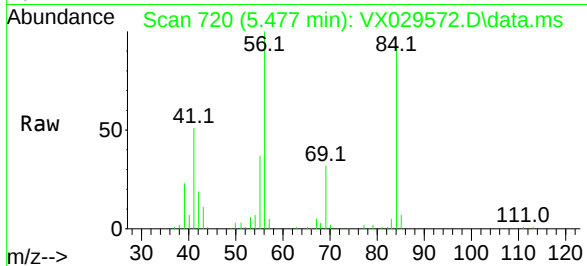
Tgt Ion: 45 Resp: 9028
Ion Ratio Lower Upper
45 100
43 45.5 50.8 76.2#
87 27.4 26.6 39.8
59 9.5 10.5 15.7#





#31
Cyclohexane
Concen: 14.931 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

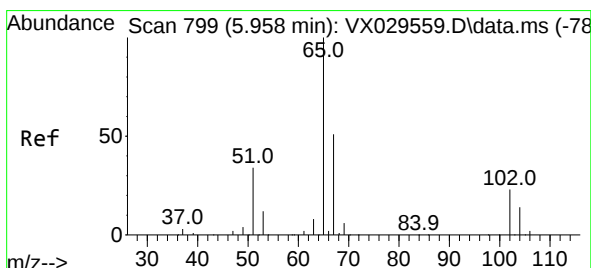
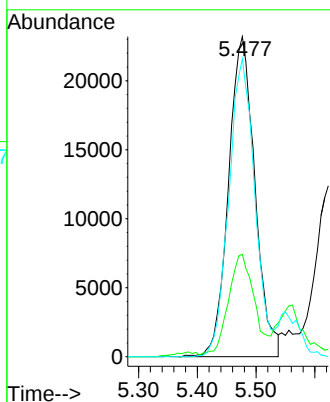
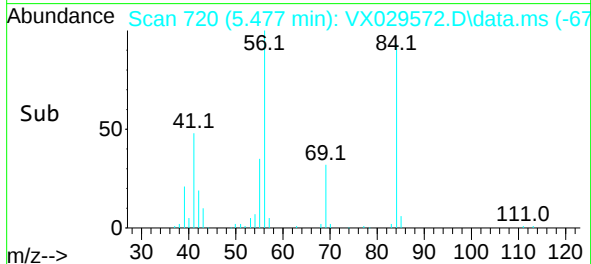
Instrument :
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ClientSampleId :
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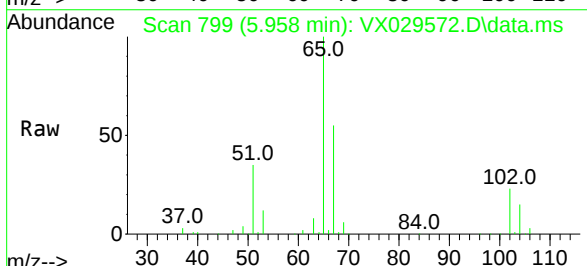
Tgt Ion: 56 Resp: 7242
Ion Ratio Lower Upper
56 100
69 30.9 26.7 40.1
84 93.0 77.2 115.8

Manual Integrations
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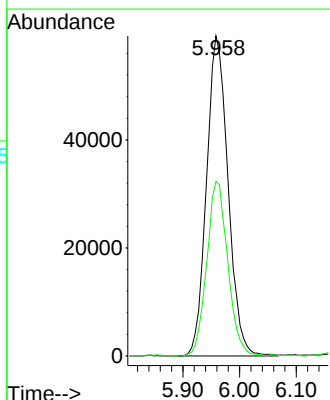
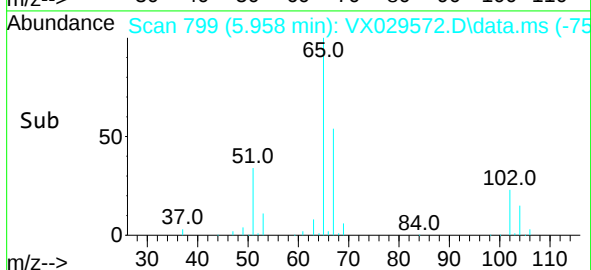
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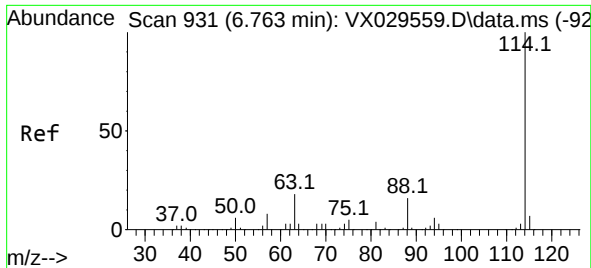


#33
1,2-Dichloroethane-d4
Concen: 43.244 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13



Tgt Ion: 65 Resp: 156242
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.4





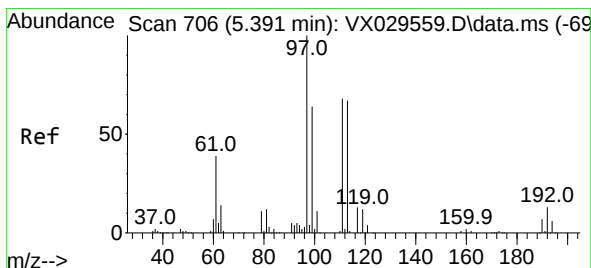
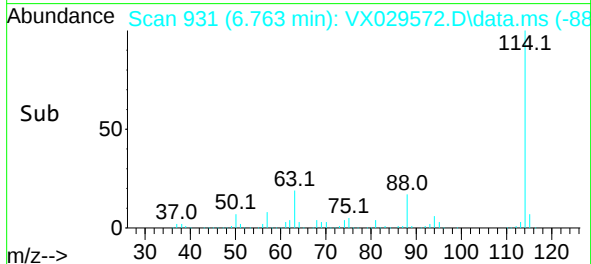
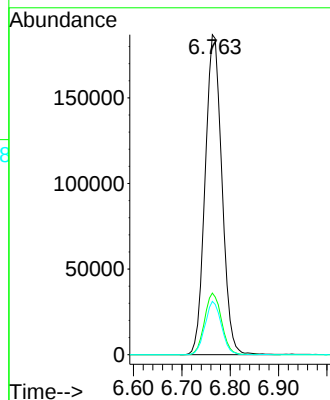
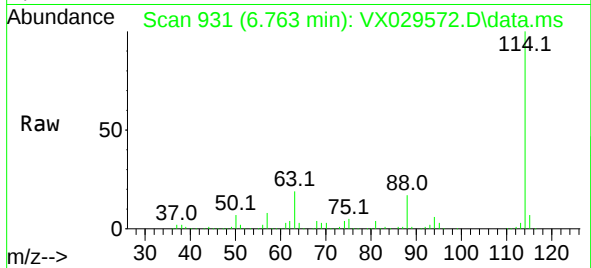
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:114 Resp: 450329
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.7 0.0 32.4

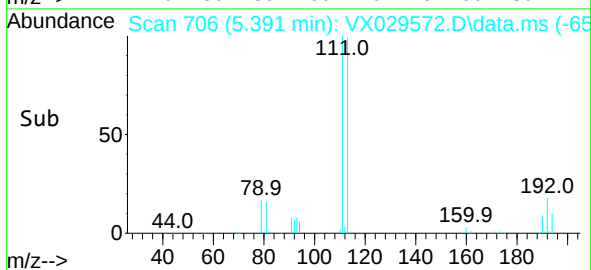
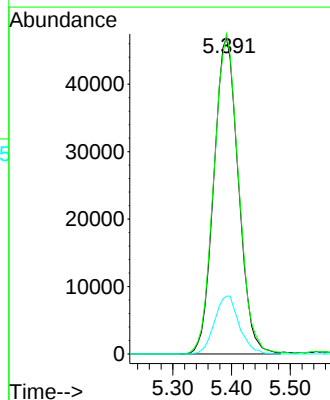
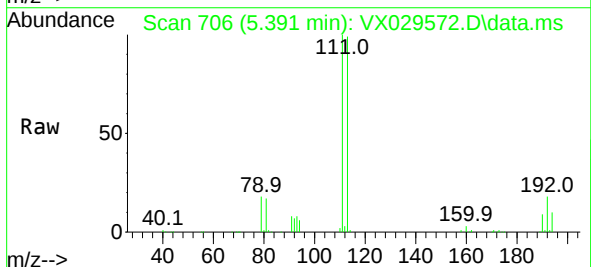
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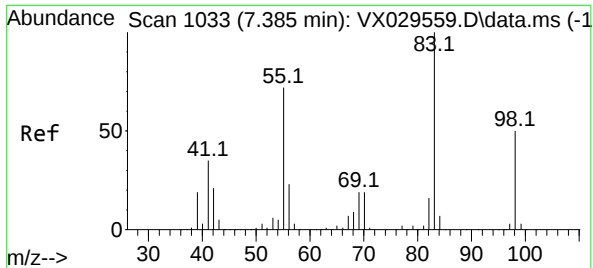
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#35
Dibromofluoromethane
Concen: 46.413 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

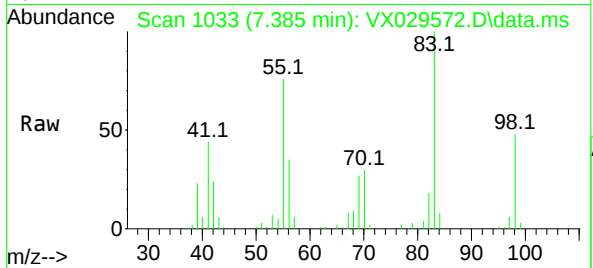
Tgt Ion:113 Resp: 136209
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 18.4 16.9 25.3





#39
Methylcyclohexane
Concen: 8.397 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

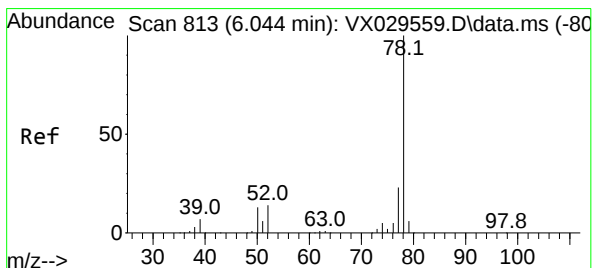
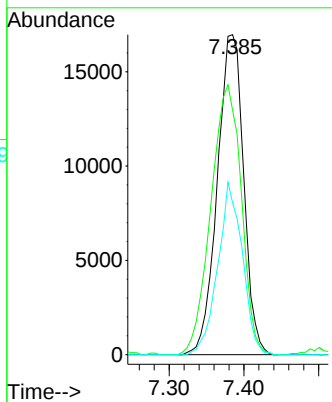
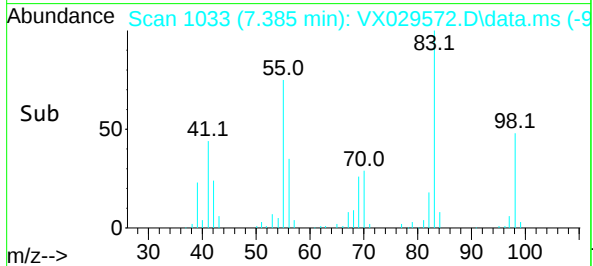
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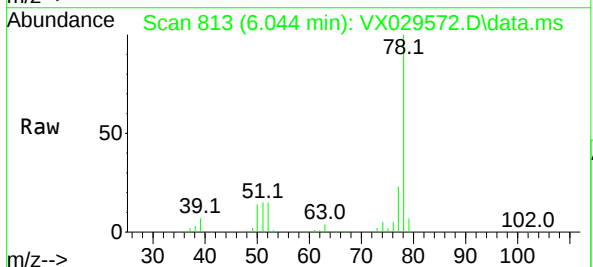
Tgt Ion: 83 Resp: 41584
Ion Ratio Lower Upper
83 100
55 76.4 54.6 81.8
98 47.5 37.4 56.2

Manual Integrations
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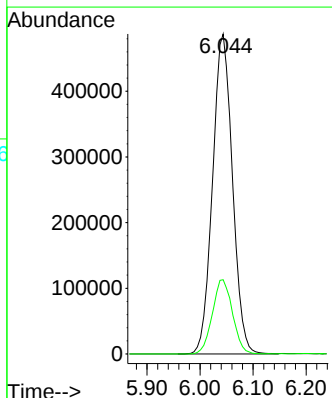
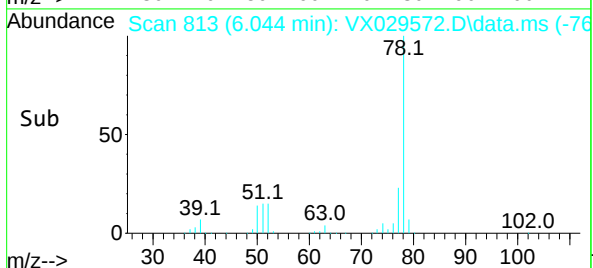
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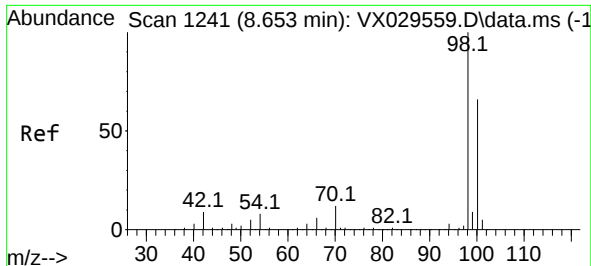


#40
Benzene
Concen: 107.754 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13



Tgt Ion: 78 Resp: 1268671
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





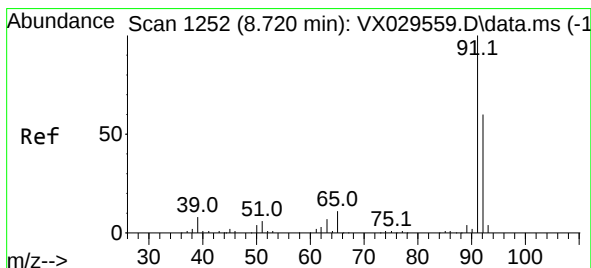
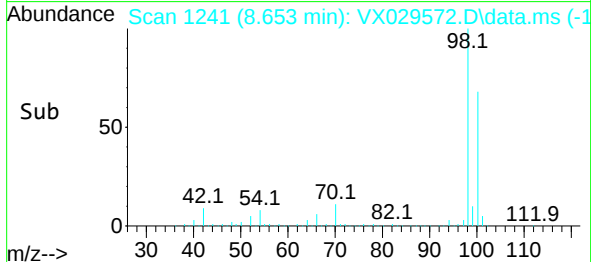
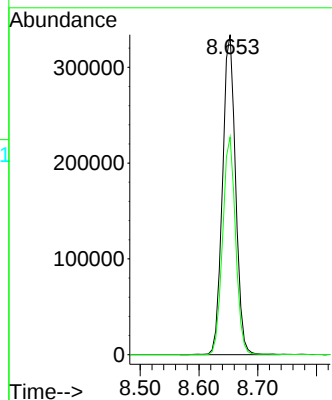
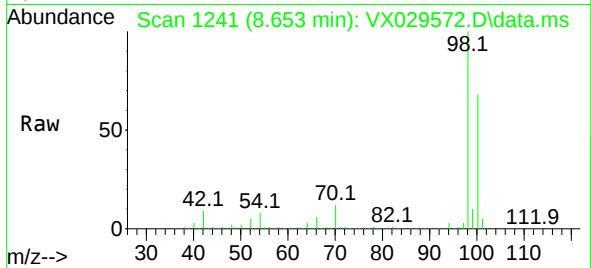
#50
Toluene-d8
Concen: 48.060 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tgt Ion: 98 Resp: 515250
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8

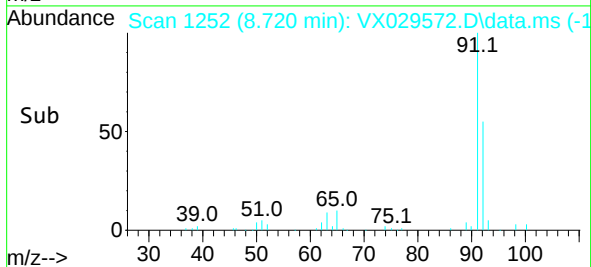
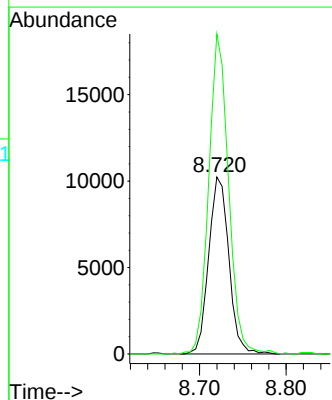
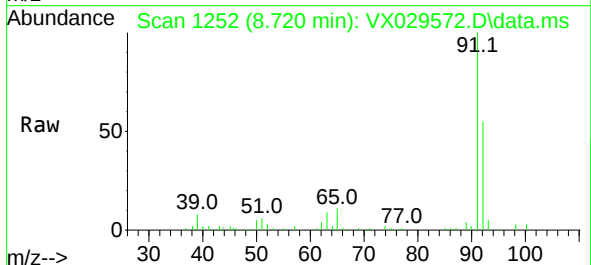
Manual Integrations
APPROVED

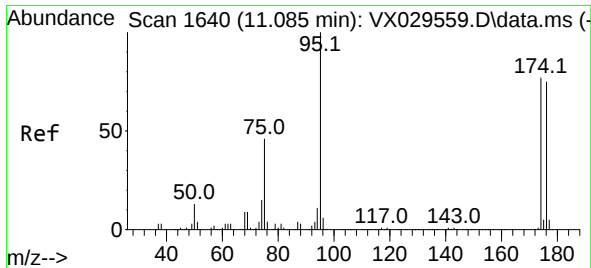
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#52
Toluene
Concen: 2.197 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

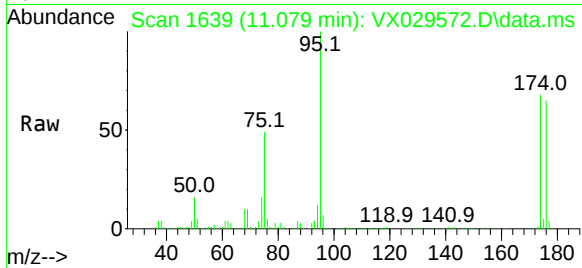
Tgt Ion: 92 Resp: 16563
Ion Ratio Lower Upper
92 100
91 177.7 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 47.980 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

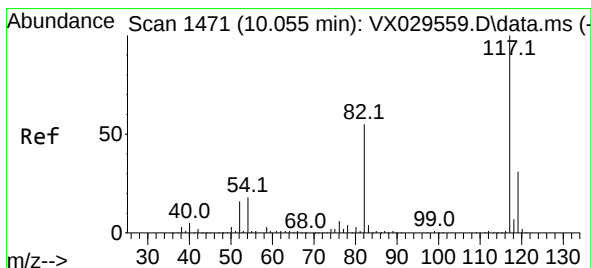
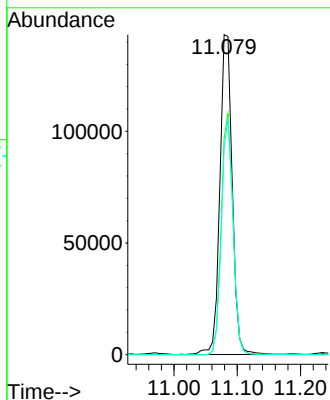
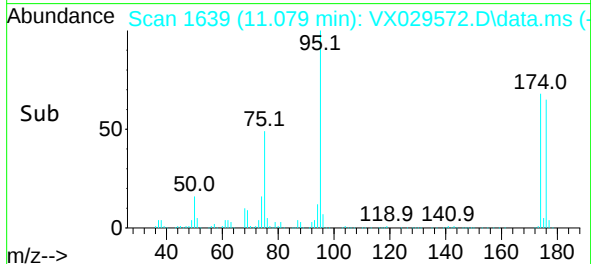
Instrument :
MSVOA_X
ClientSampleId :
MW-16



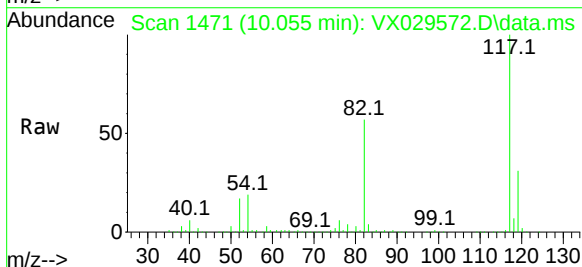
Tgt Ion: 95 Resp: 193980
Ion Ratio Lower Upper
95 100
174 71.6 0.0 163.0
176 69.1 0.0 155.0

Manual Integrations
APPROVED

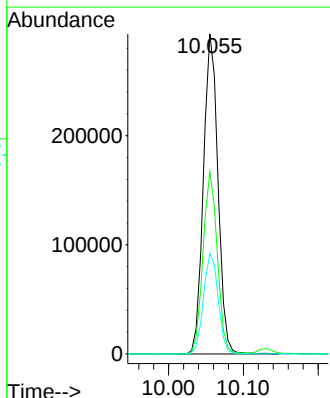
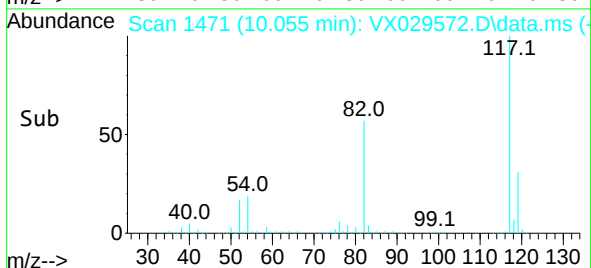
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

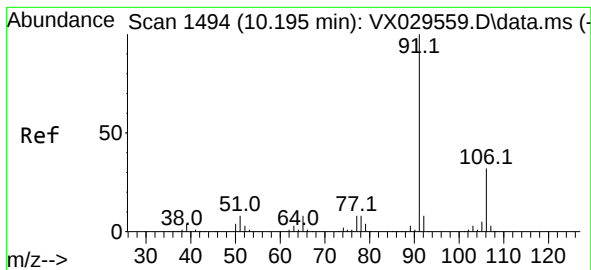


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13



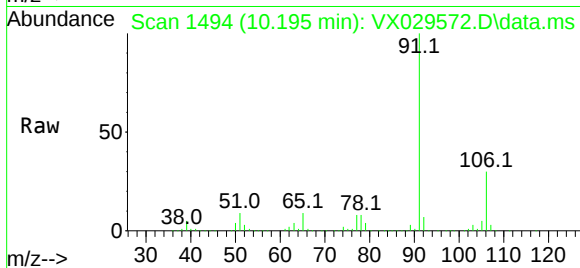
Tgt Ion:117 Resp: 395756
Ion Ratio Lower Upper
117 100
82 56.9 41.8 62.8
119 31.4 24.8 37.2





#67
Ethyl Benzene
Concen: 16.156 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

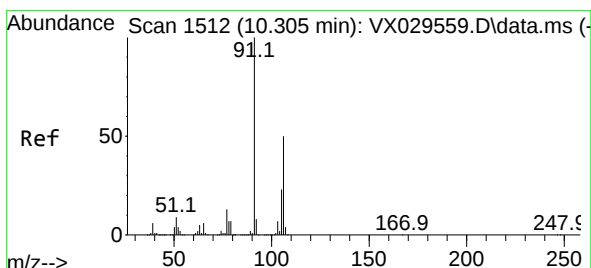
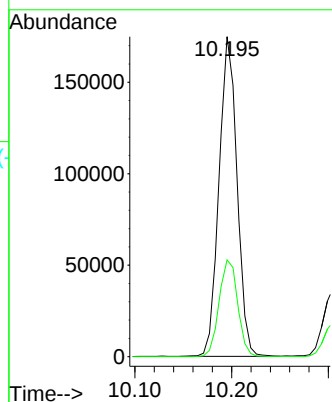
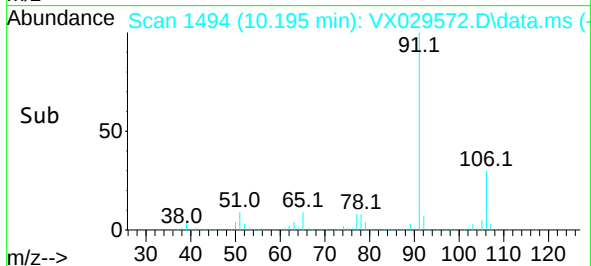
Instrument :
MSVOA_X
ClientSampleId :
MW-16



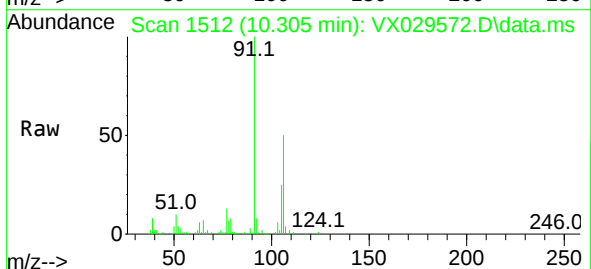
Tgt Ion: 91 Resp: 22568
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8

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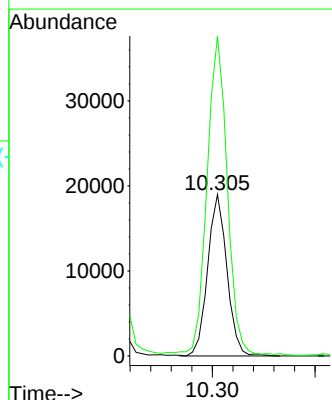
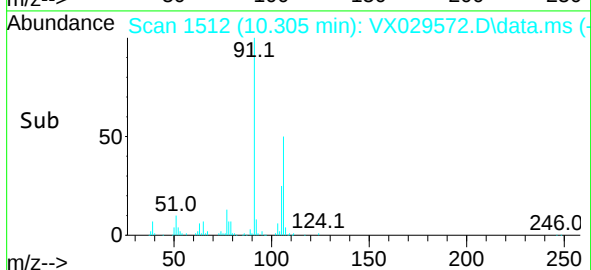
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

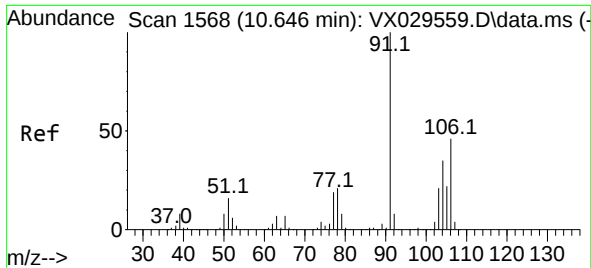


#68
m/p-Xylenes
Concen: 4.545 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13



Tgt Ion:106 Resp: 24762
Ion Ratio Lower Upper
106 100
91 205.1 160.4 240.6





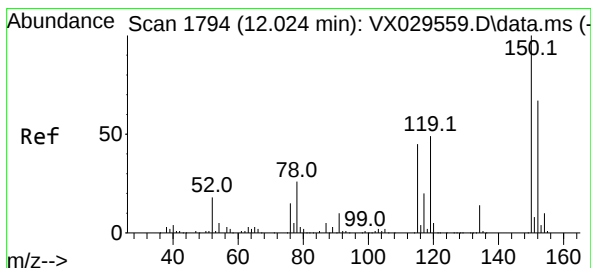
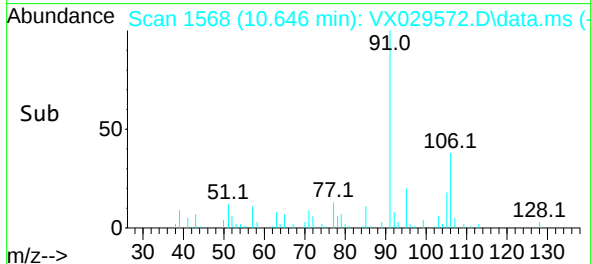
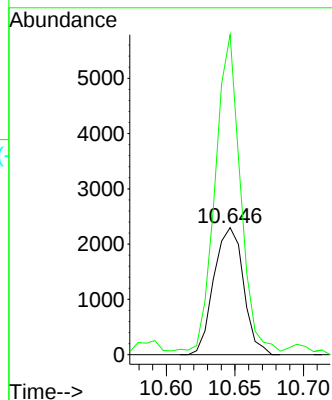
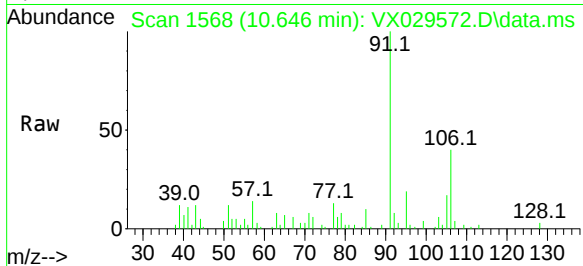
#69
o-Xylene
Concen: 0.642 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
MW-16

Tgt Ion:106 Resp: 345
Ion Ratio Lower Upper
106 100
91 218.1 106.1 318.1

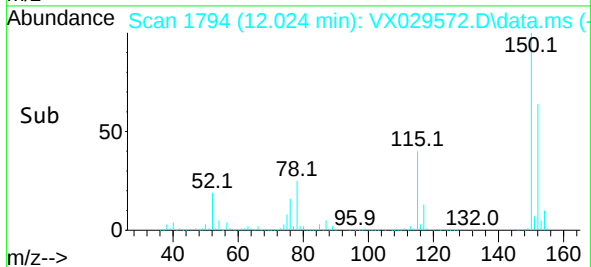
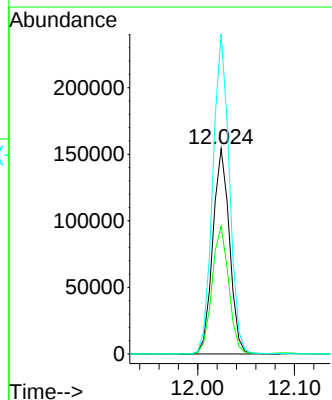
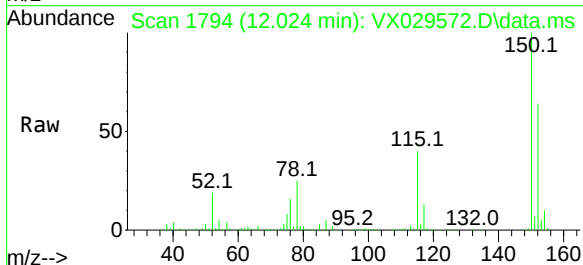
Manual Integrations
APPROVED

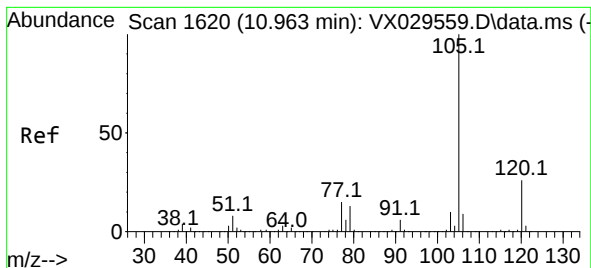
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

Tgt Ion:152 Resp: 184807
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 154.5 0.0 338.2





#73

Isopropylbenzene

Concen: 21.793 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029572.D

Acq: 18 Jun 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

MW-16

Tgt Ion:105 Resp: 30197

Ion Ratio Lower Upper

105 100

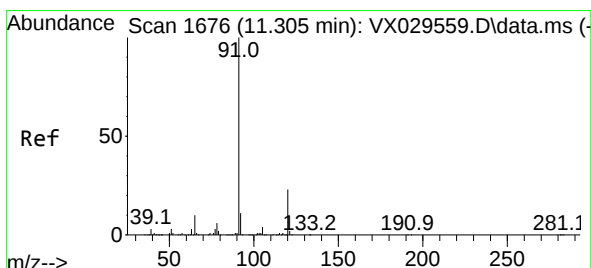
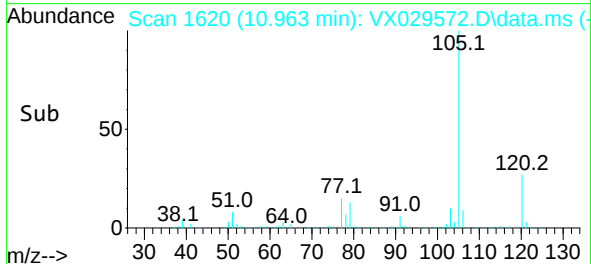
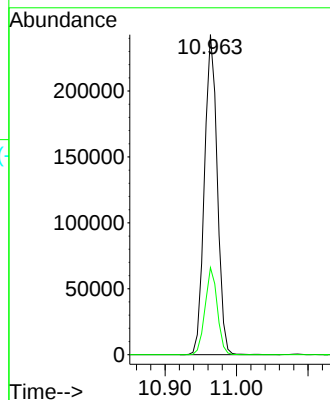
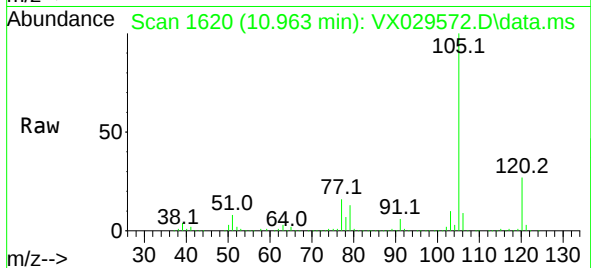
120 25.9 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#78

n-propylbenzene

Concen: 53.475 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029572.D

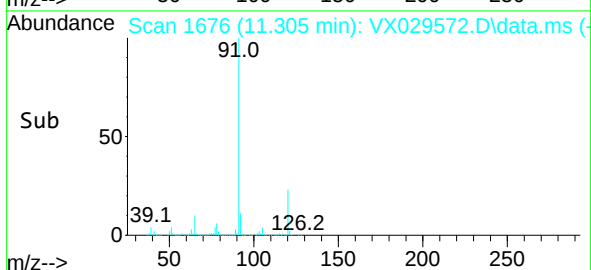
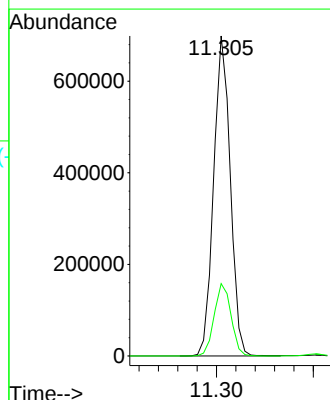
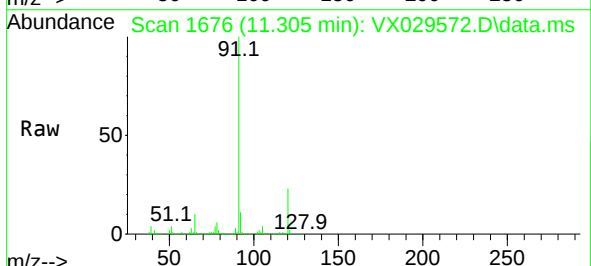
Acq: 18 Jun 2022 16:13

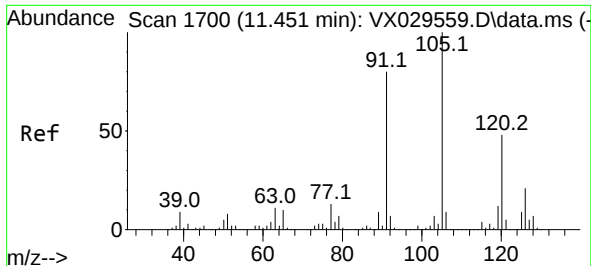
Tgt Ion: 91 Resp: 834555

Ion Ratio Lower Upper

91 100

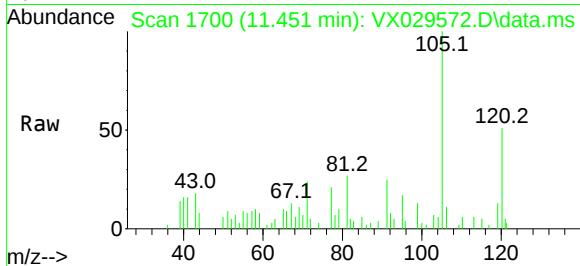
120 22.9 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 0.318 ug/l m
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

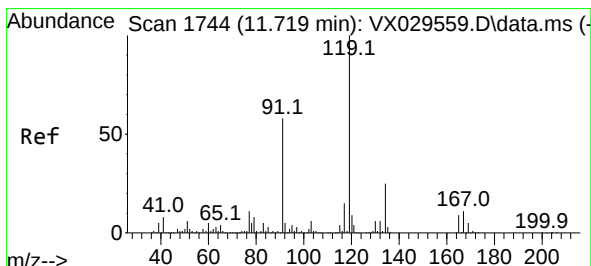
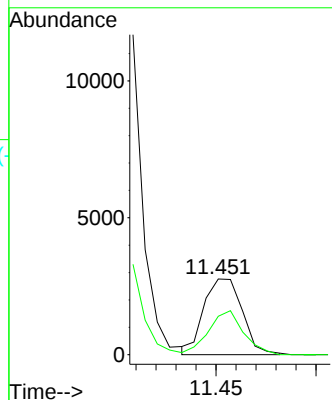
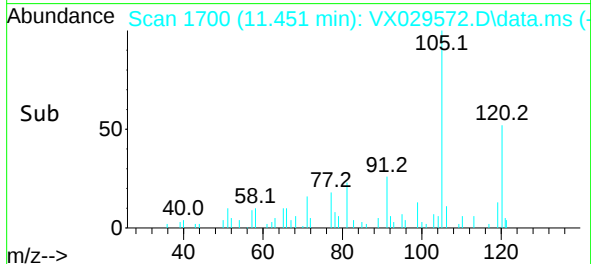
Instrument :
MSVOA_X
ClientSampleId :
MW-16



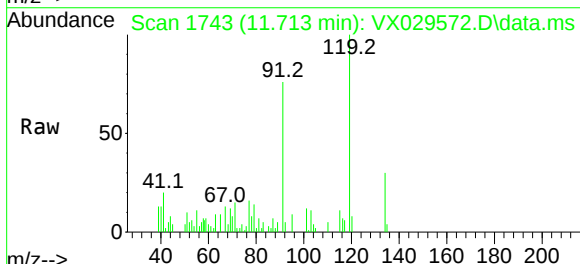
Tgt Ion:105 Resp: 3708
Ion Ratio Lower Upper
105 100
120 158.4 24.3 72.9

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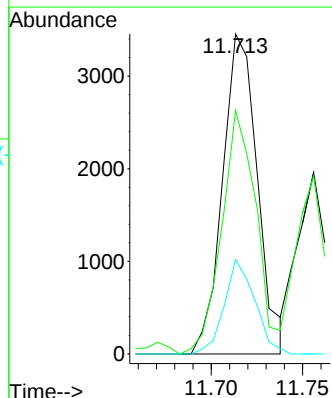
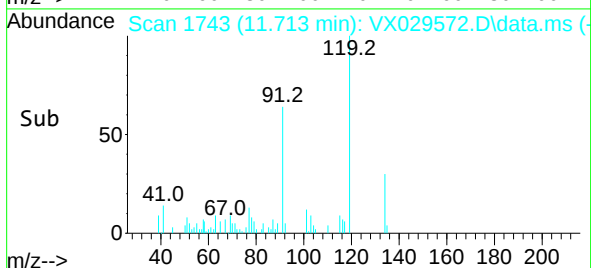
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

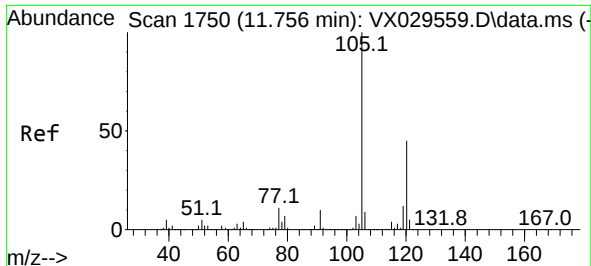


#83
tert-Butylbenzene
Concen: 0.403 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13



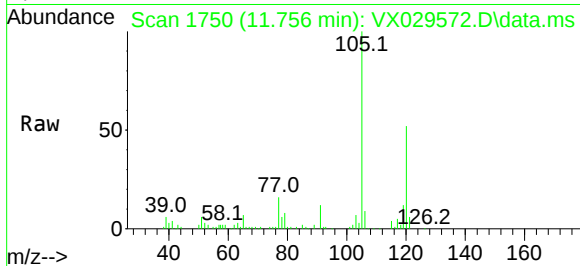
Tgt Ion:119 Resp: 4583
Ion Ratio Lower Upper
119 100
91 75.4 26.9 80.6
134 25.9 11.4 34.2





#84
1,2,4-Trimethylbenzene
Concen: 1.814 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

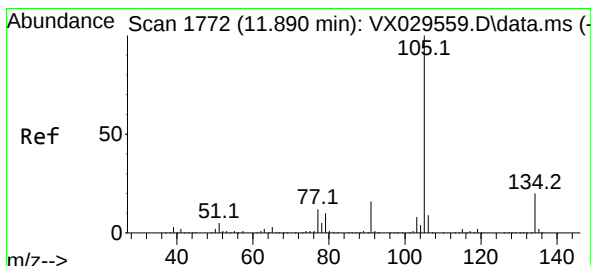
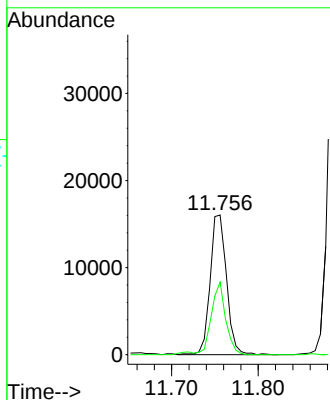
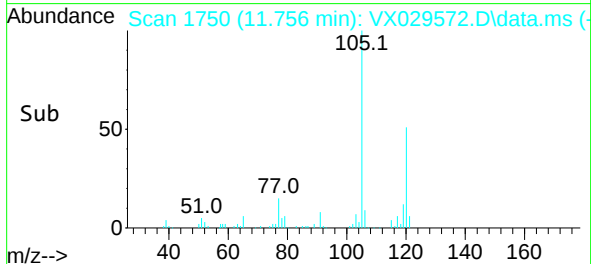
Instrument :
MSVOA_X
ClientSampleId :
MW-16



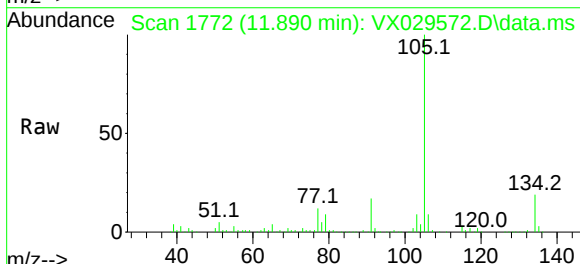
Tgt Ion:105 Resp: 2110
Ion Ratio Lower Upper
105 100
120 46.7 22.6 67.8

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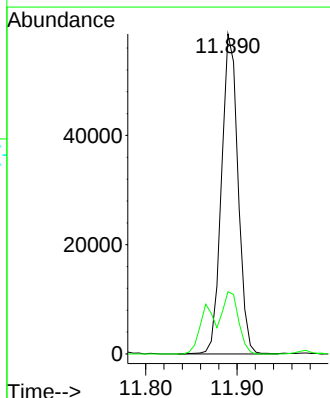
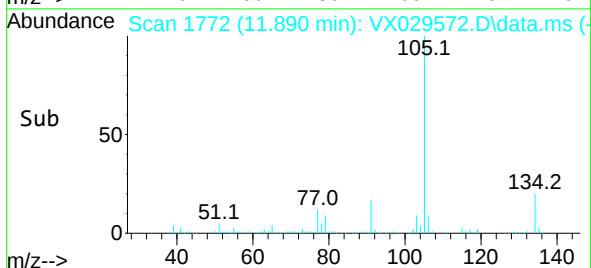
Reviewed By :Semsettin Yesilyurt 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

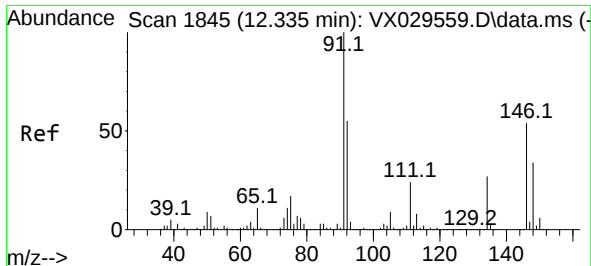


#85
sec-Butylbenzene
Concen: 5.229 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13



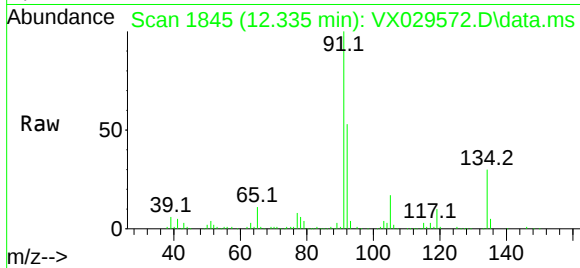
Tgt Ion:105 Resp: 73731
Ion Ratio Lower Upper
105 100
134 18.9 10.2 30.4





#89
n-Butylbenzene
Concen: 7.712 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13

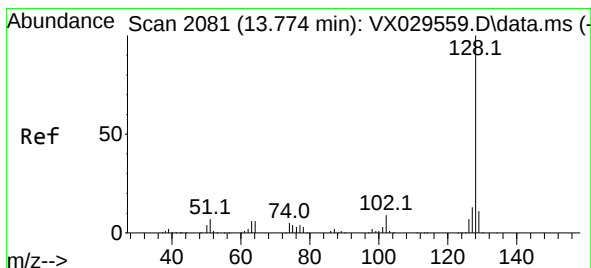
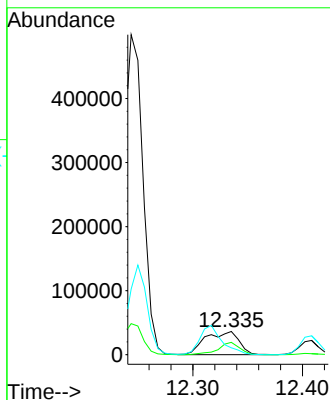
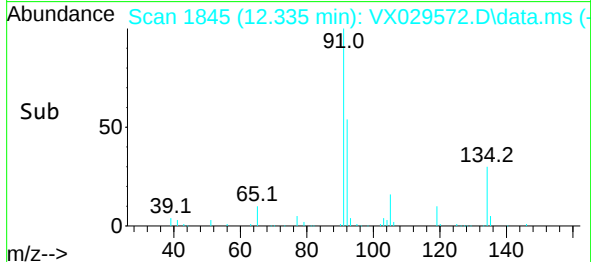
Instrument :
MSVOA_X
ClientSampleId :
MW-16



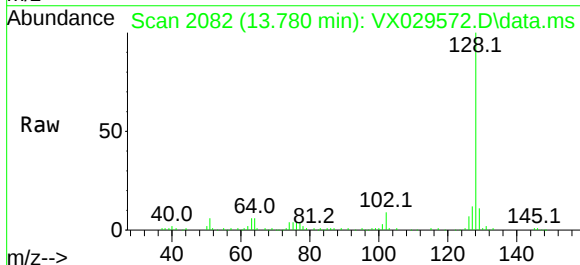
Tgt Ion: 91 Resp: 76854
Ion Ratio Lower Upper
91 100
92 34.0 27.8 83.3
134 84.5 13.3 39.8

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 2.939 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029572.D
Acq: 18 Jun 2022 16:13



Tgt Ion:128 Resp: 38099
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 11.8 8.7 13.1

