

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032879.D
 Acq On : 16 Nov 2022 19:29
 Operator : JC/MD
 Sample : N5627-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WAMR-SILICA-1115-A

Quant Time: Nov 17 05:44:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 11/17/2022
 Supervised By :Mahesh
 Dadoda
 11/17/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	125353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84504	48.517	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.040%		
35) Dibromofluoromethane	5.385	113	70801	47.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.420%		
50) Toluene-d8	8.647	98	259205	49.709	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.420%		
62) 4-Bromofluorobenzene	11.079	95	118116	57.988	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.980%		
Target Compounds					Qvalue	
8) Diethyl Ether	2.136	74	2190	2.651	ug/l #	1
11) Tert butyl alcohol	2.989	59	1244323	4908.383	ug/l	99
16) Acetone	2.386	43	317910	502.192	ug/l	98
18) Methyl Acetate	2.709	43	24236	11.773	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	2865901	648.628	ug/l	99
20) Methylene Chloride	2.794	84	3873	2.668	ug/l #	89
25) 2-Butanone	4.562	43	60522	61.709	ug/l	98
40) Benzene	6.044	78	3049193	515.983	ug/l	100
43) Isopropyl Acetate	6.342	43	18916	5.668	ug/l #	91
49) 1,4-Dioxane	7.702	88	1485m	45.206	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	20396	9.702	ug/l	89
52) Toluene	8.720	92	1241923	322.115	ug/l	98
67) Ethyl Benzene	10.195	91	309074	39.846	ug/l	100
68) m/p-Xylenes	10.299	106	517975	171.970	ug/l	98
69) o-Xylene	10.640	106	251277	85.804	ug/l	97
73) Isopropylbenzene	10.964	105	14353	1.743	ug/l	97
78) n-propylbenzene	11.305	91	24891	2.624	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	34813	4.947	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	118663	16.954	ug/l	98
95) Naphthalene	13.774	128	27109	3.323	ug/l	99

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

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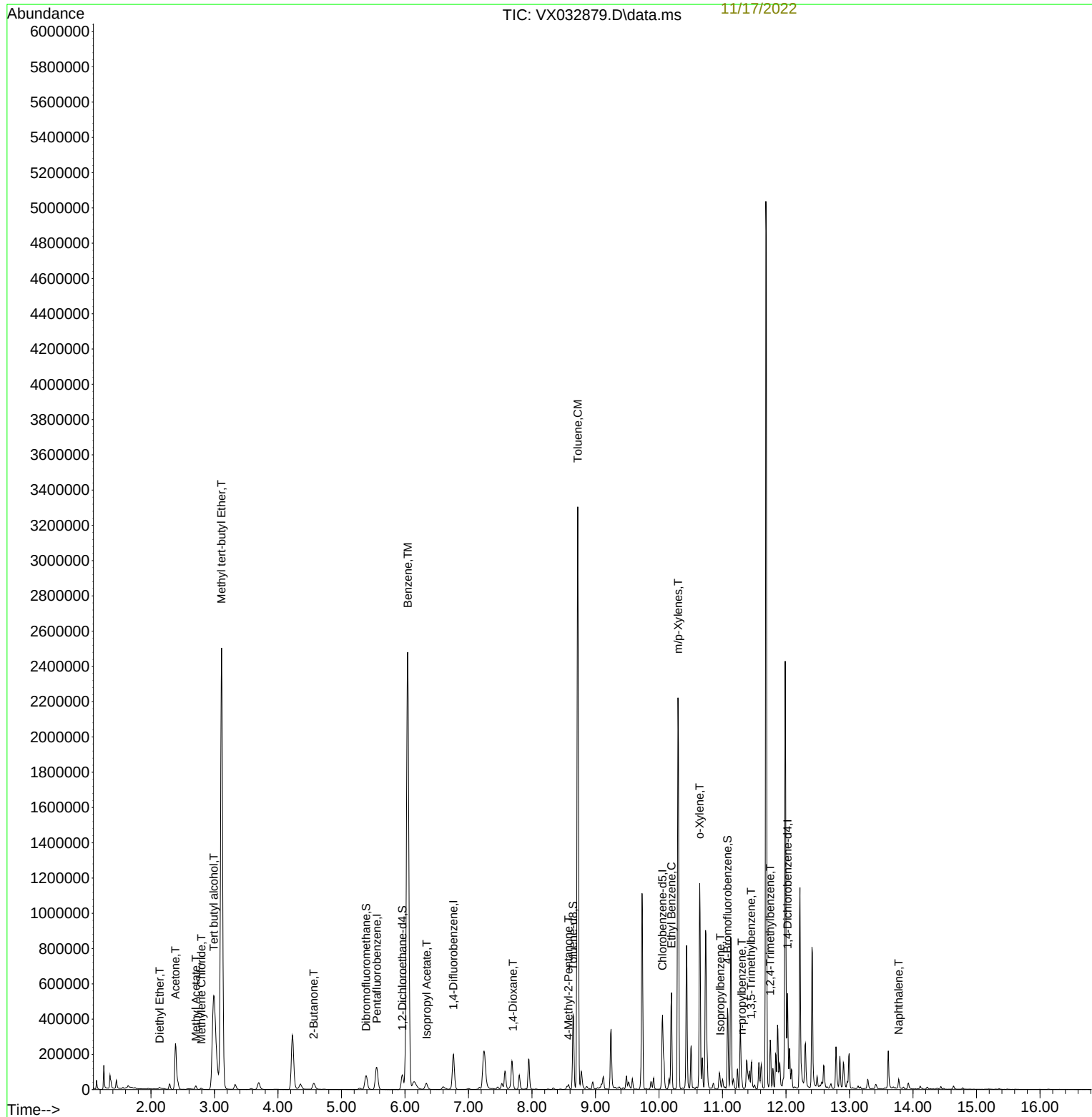
Carlone

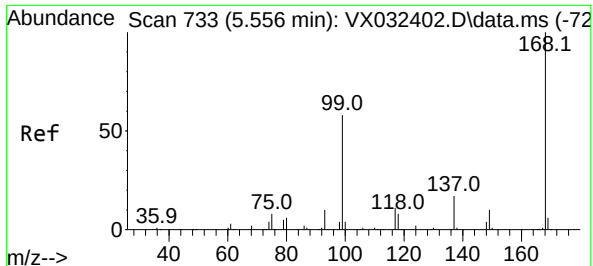
11/17/2022

Supervised By :Mahesh

Dadoda

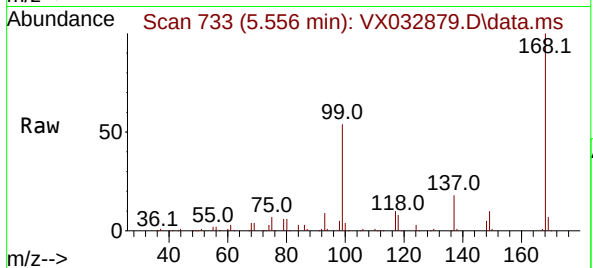
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

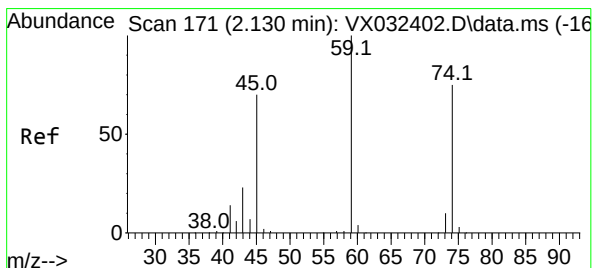
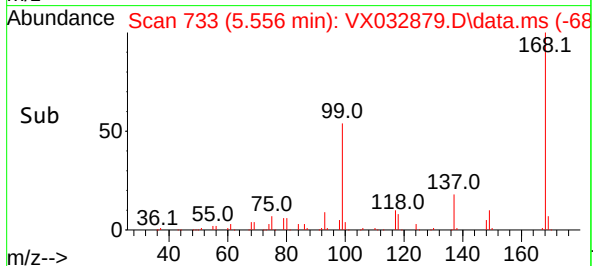
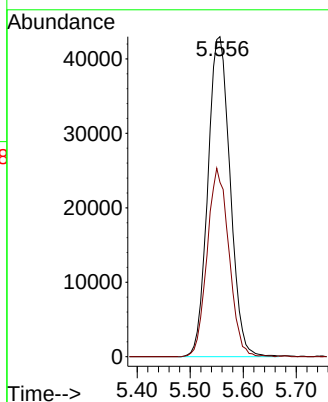


Tgt Ion:168 Resp: 12535
Ion Ratio Lower Upper
168 100
99 54.5 46.1 69.1

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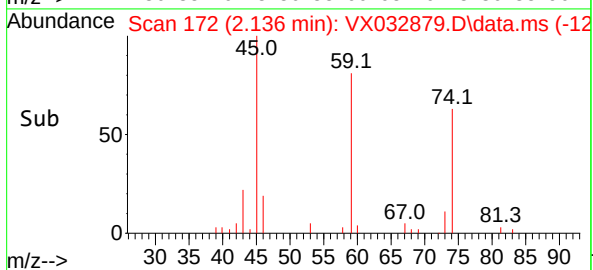
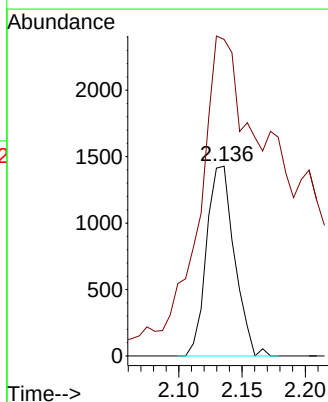
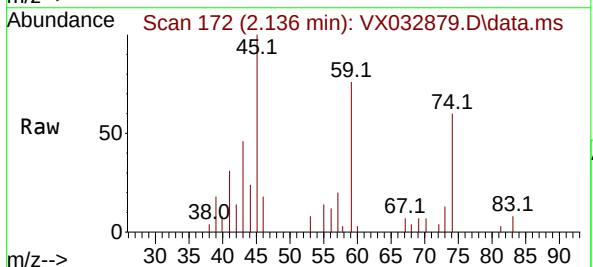
Reviewed By :John
Carlone
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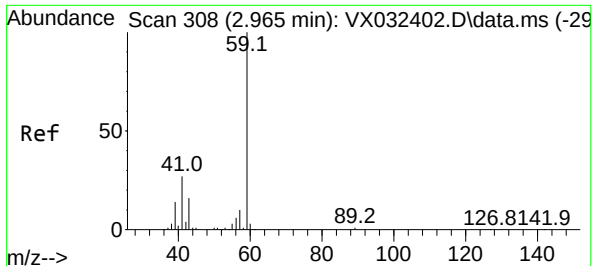
Supervised By :Mahesh
Dadoda
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#8
Diethyl Ether
Concen: 2.651 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

Tgt Ion: 74 Resp: 2190
Ion Ratio Lower Upper
74 100
45 293.0 46.6 139.7#





#11

Tert butyl alcohol

Concen: 4908.383 ug/l

RT: 2.989 min Scan# 312

Delta R.T. 0.025 min

Lab File: VX032879.D

Acq: 16 Nov 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

WAMR-SILICA-1115-A

Tgt Ion: 59 Resp: 124432

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.4

Manual Integrations

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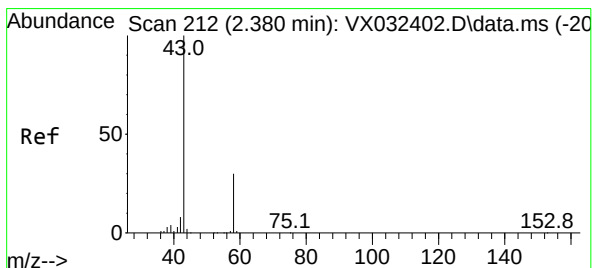
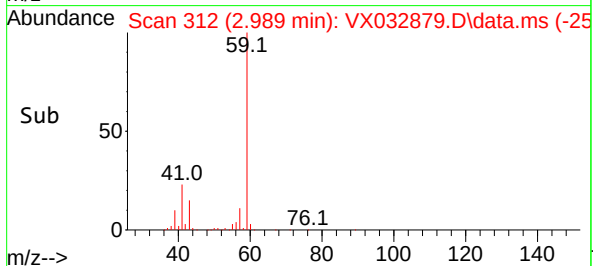
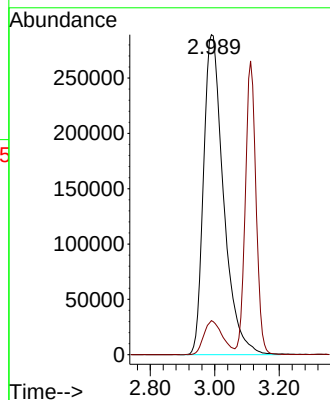
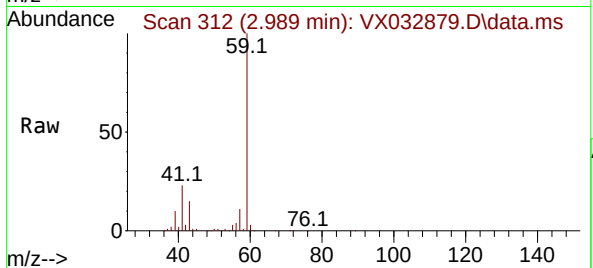
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#16

Acetone

Concen: 502.192 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032879.D

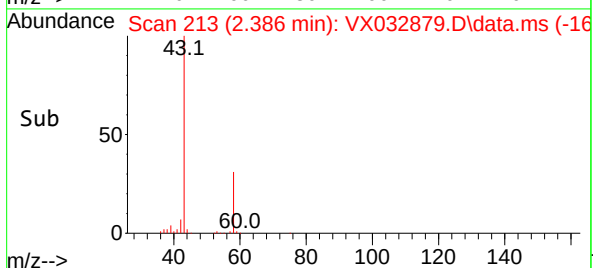
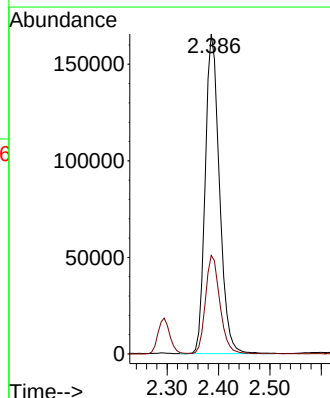
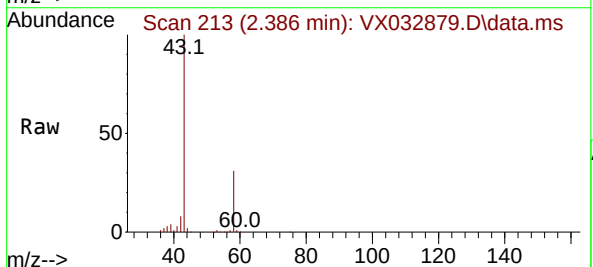
Acq: 16 Nov 2022 19:29

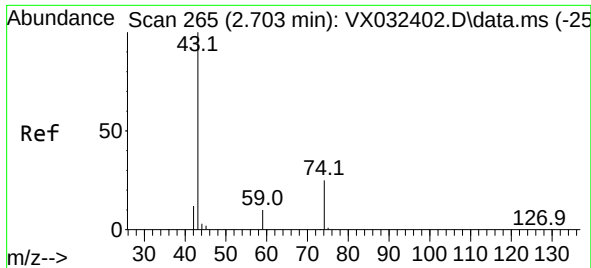
Tgt Ion: 43 Resp: 317910

Ion Ratio Lower Upper

43 100

58 30.7 23.8 35.8





#18
Methyl Acetate
Concen: 11.773 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

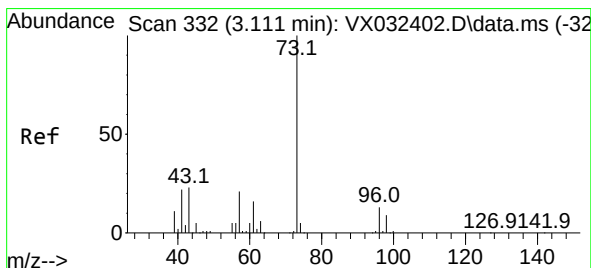
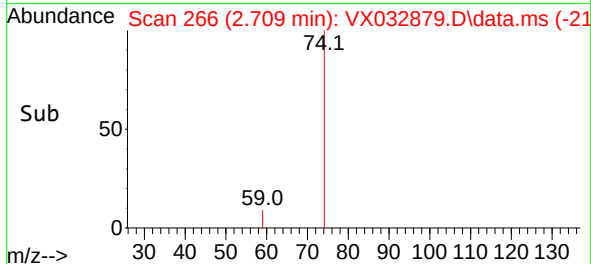
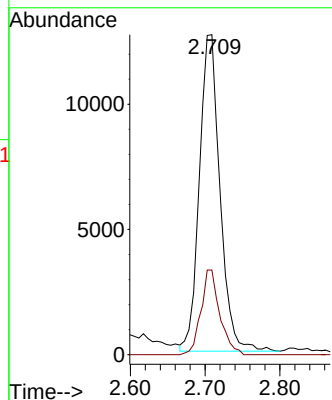
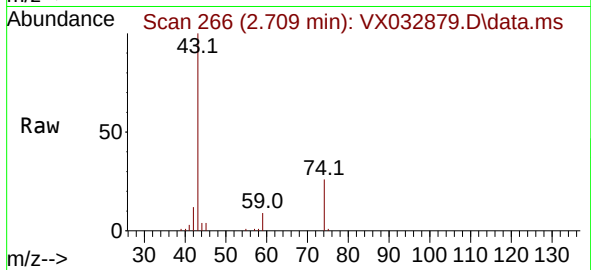
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

Tgt Ion: 43 Resp: 24230
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.0

Manual Integrations
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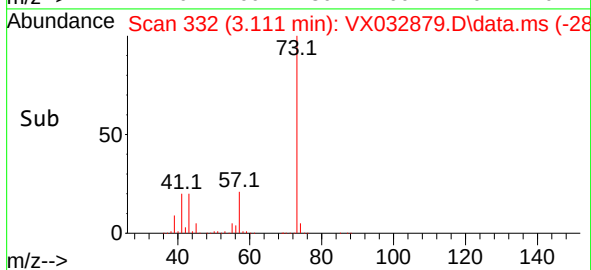
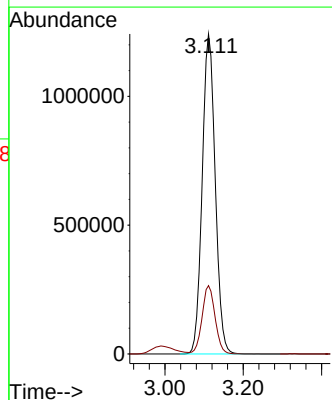
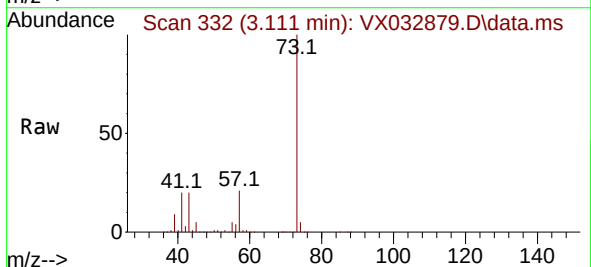
Reviewed By :John
Carlone
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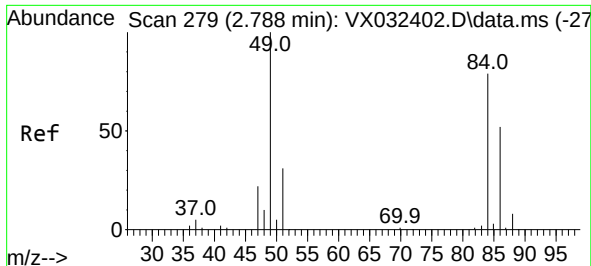
Supervised By :Mahesh
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11/17/2022



#19
Methyl tert-butyl Ether
Concen: 648.628 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

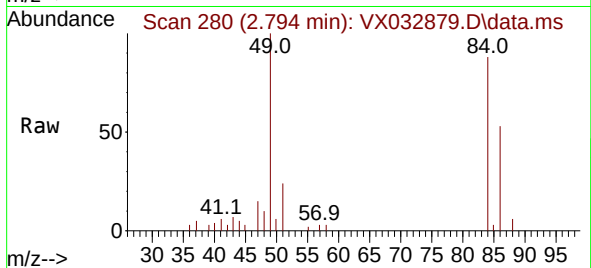
Tgt Ion: 73 Resp: 2865901
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0





#20
Methylene Chloride
Concen: 2.668 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

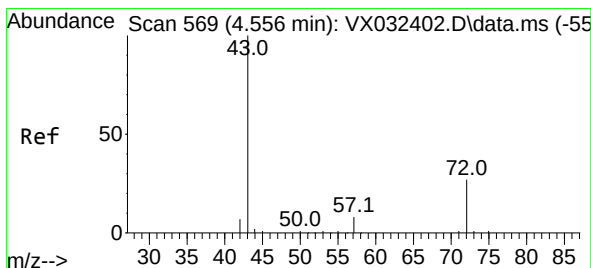
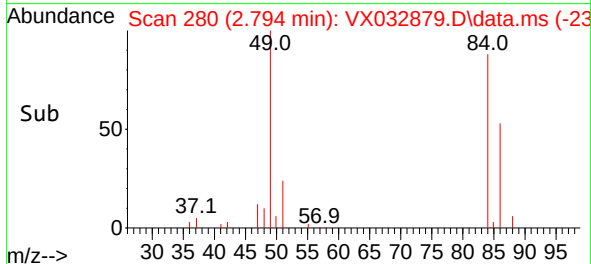
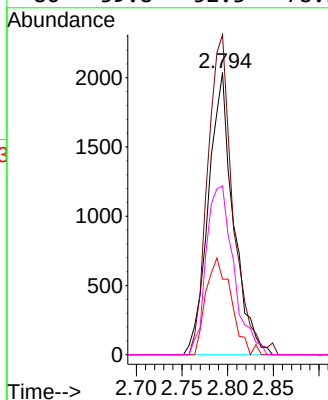


Tgt Ion: 84 Resp: 387
Ion Ratio Lower Upper
84 100
49 113.5 101.0 151.6
51 26.8 31.1 46.7
86 59.8 52.3 78.5

Manual Integrations
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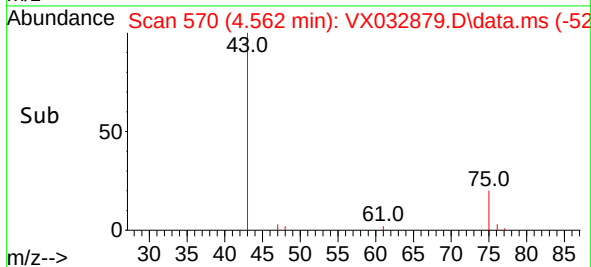
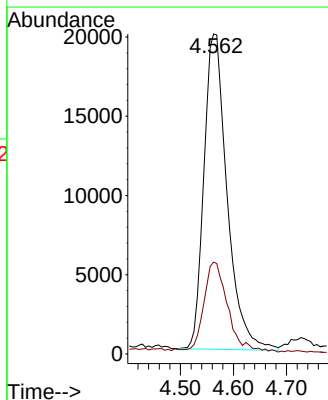
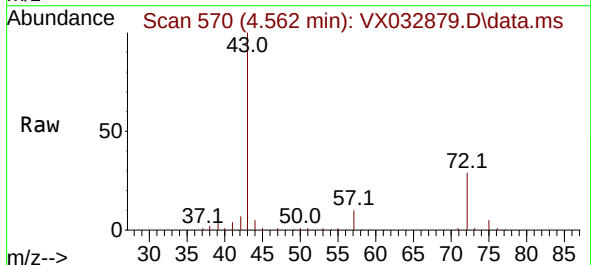
Reviewed By :John
Carlone
11/17/2022

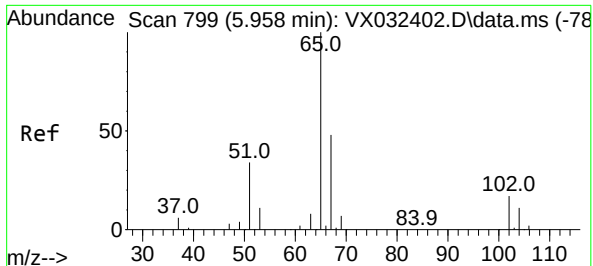
Supervised By :Mahesh
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11/17/2022



#25
2-Butanone
Concen: 61.709 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

Tgt Ion: 43 Resp: 60522
Ion Ratio Lower Upper
43 100
72 28.6 22.2 33.2





#33

1,2-Dichloroethane-d4

Concen: 48.517 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032879.D

Acq: 16 Nov 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

WAMR-SILICA-1115-A

Tgt Ion: 65 Resp: 84504

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8

Manual Integrations

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Reviewed By :John

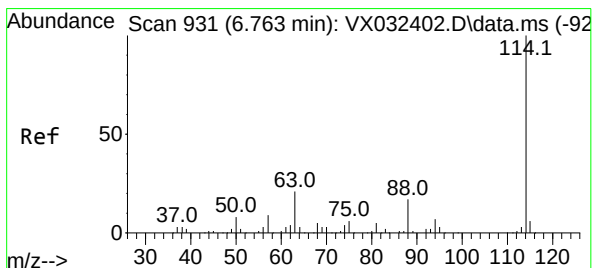
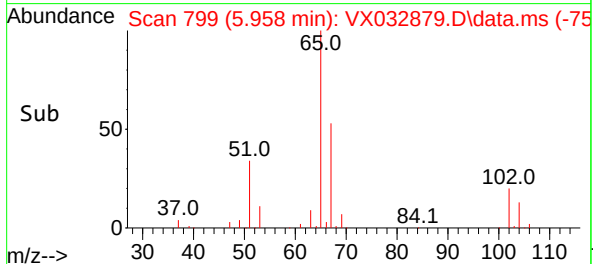
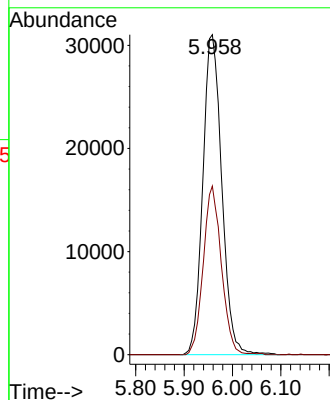
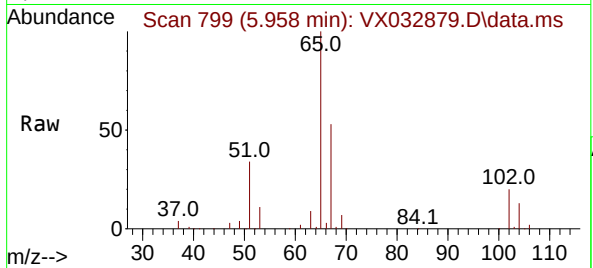
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032879.D

Acq: 16 Nov 2022 19:29

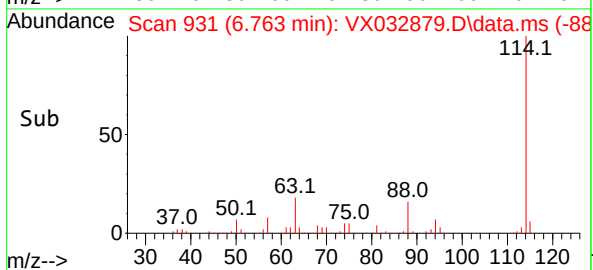
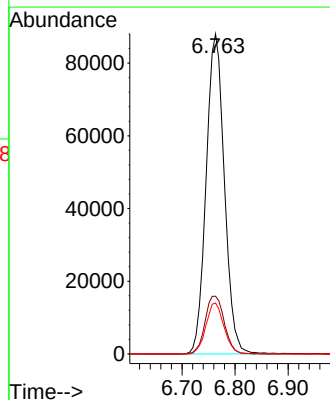
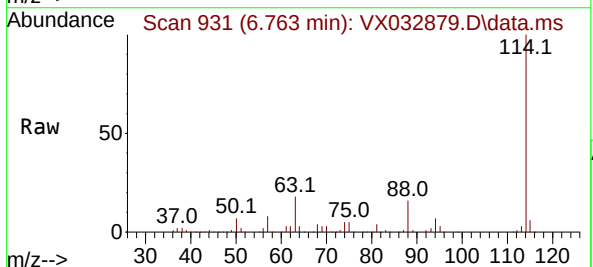
Tgt Ion:114 Resp: 210233

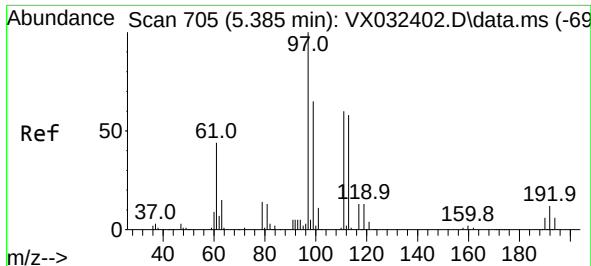
Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.6

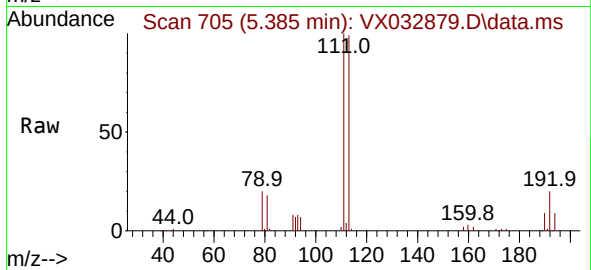
88 15.9 0.0 33.4





#35
Dibromofluoromethane
Concen: 47.213 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

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WAMR-SILICA-1115-A

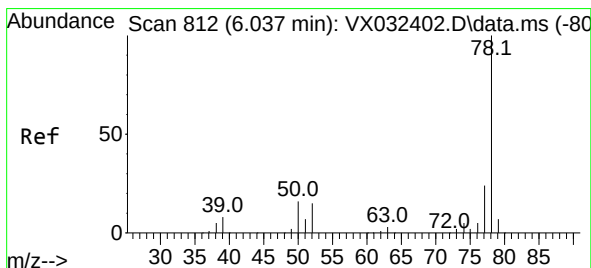
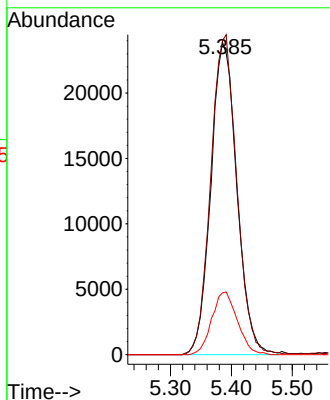
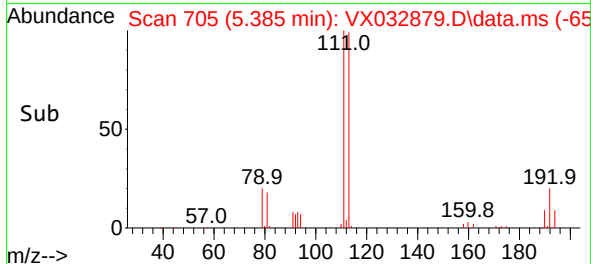


Tgt Ion:113 Resp: 7080
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.8 15.4 23.2

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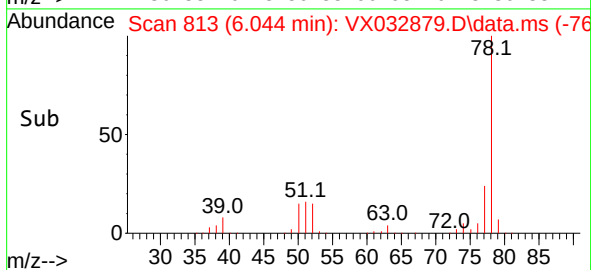
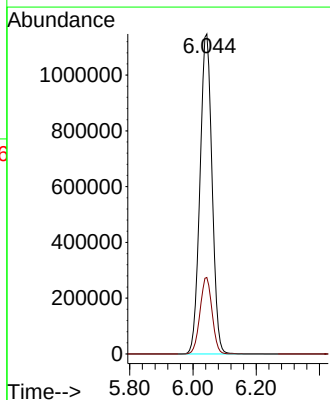
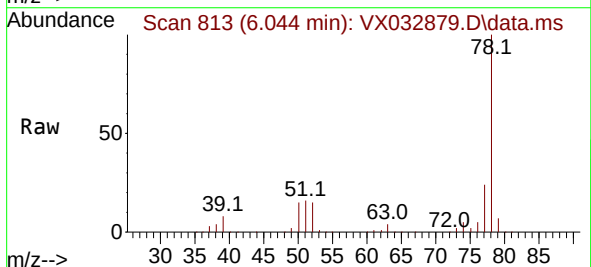
Reviewed By :John
Carlone
11/17/2022

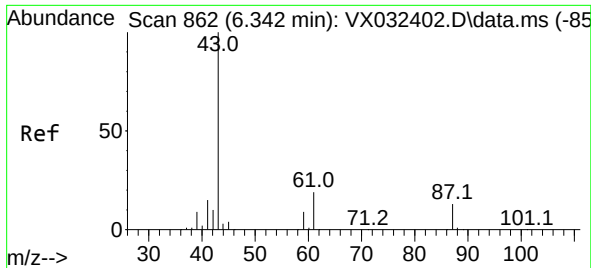
Supervised By :Mahesh
Dadoda
11/17/2022



#40
Benzene
Concen: 515.983 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

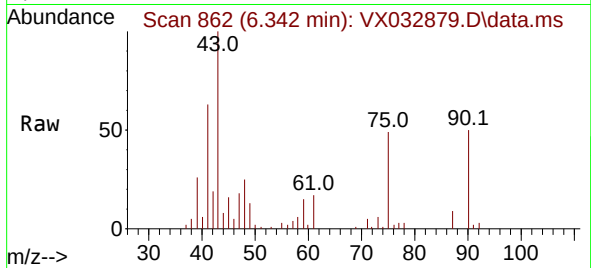
Tgt Ion: 78 Resp: 3049193
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#43
Isopropyl Acetate
Concen: 5.668 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

Instrument :
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ClientSampleId :
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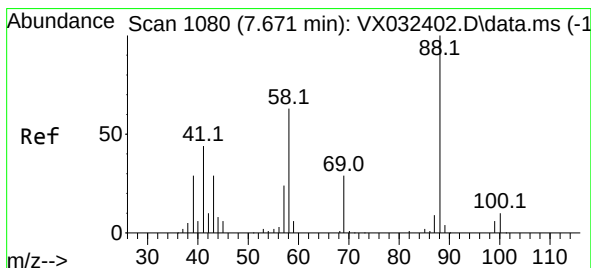
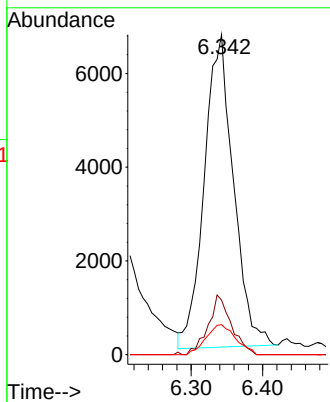
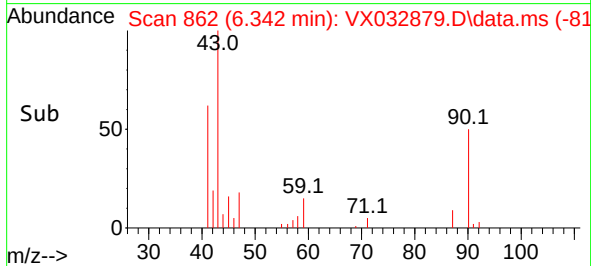


Tgt Ion: 43 Resp: 18910
Ion Ratio Lower Upper
43 100
61 15.0 15.4 23.0#
87 9.8 10.8 16.2#

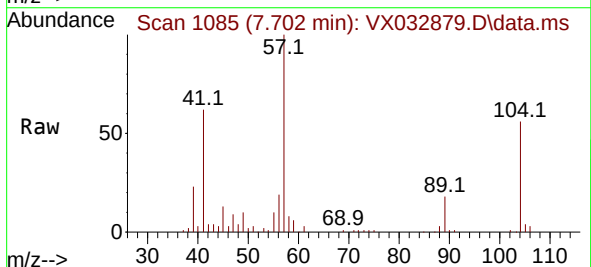
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11/17/2022

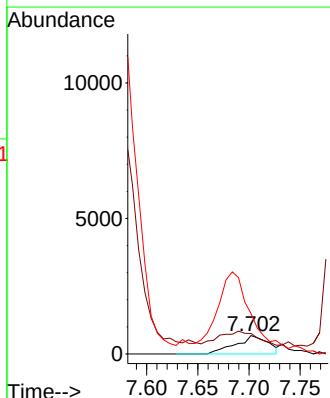
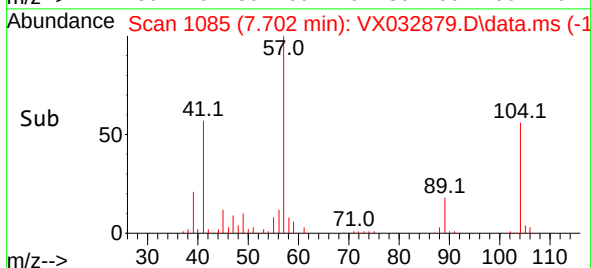
Supervised By :Mahesh
Dadoda
11/17/2022

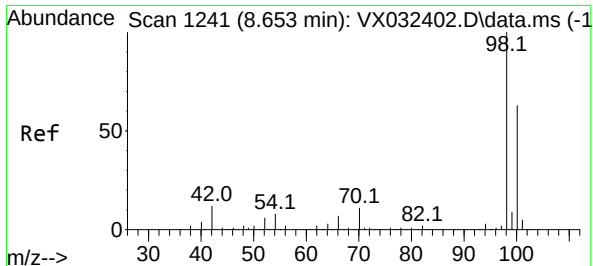


#49
1,4-Dioxane
Concen: 45.206 ug/l m
RT: 7.702 min Scan# 1085
Delta R.T. 0.031 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29



Tgt Ion: 88 Resp: 1485
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 500.3 51.7 77.5#





#50
Toluene-d8
Concen: 49.709 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

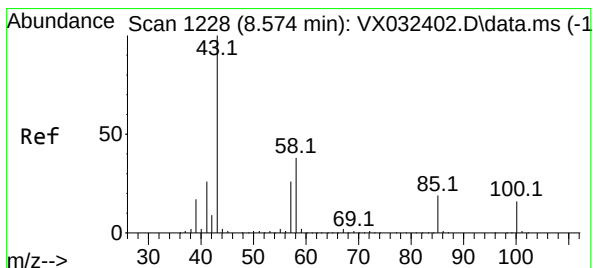
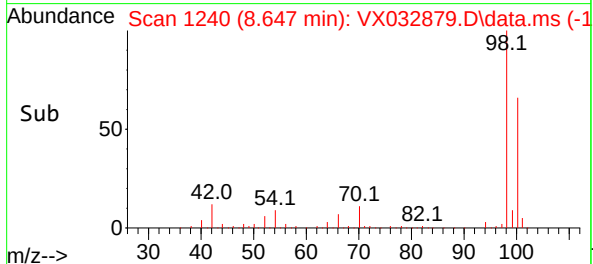
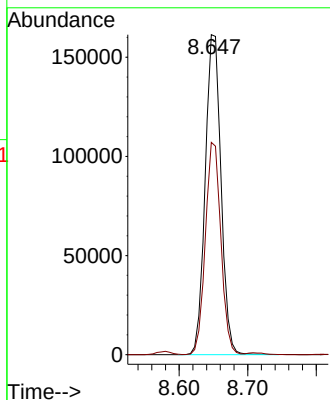
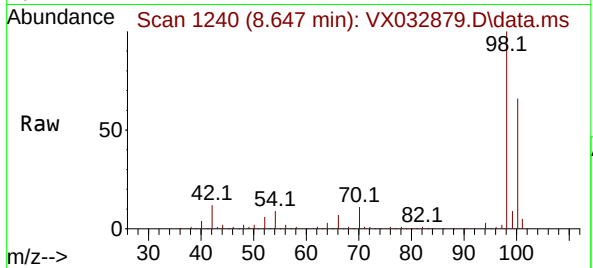
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

Tgt Ion: 98 Resp: 25920
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3

Manual Integrations
APPROVED

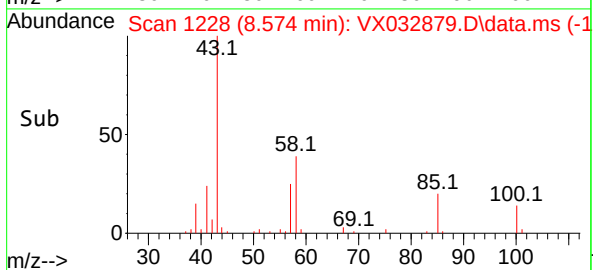
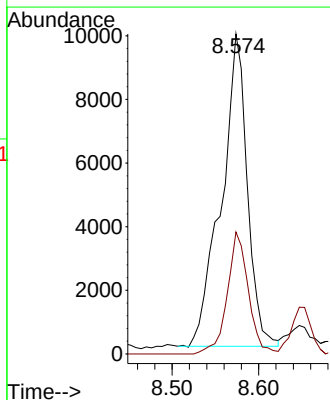
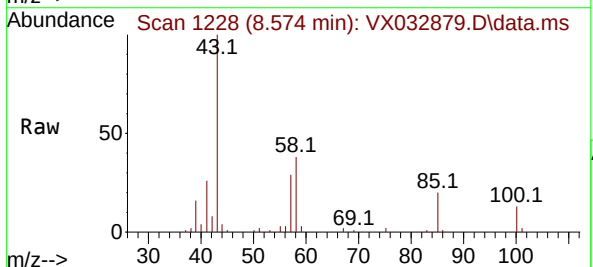
Reviewed By :John
Carlone
11/17/2022

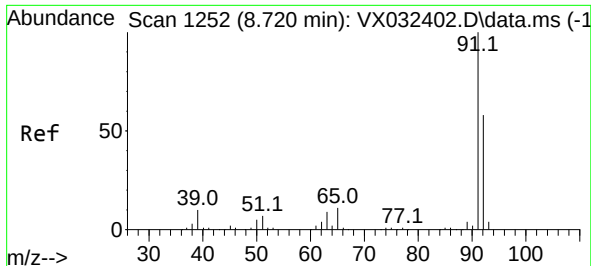
Supervised By :Mahesh
Dadoda
11/17/2022



#51
4-Methyl-2-Pentanone
Concen: 9.702 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

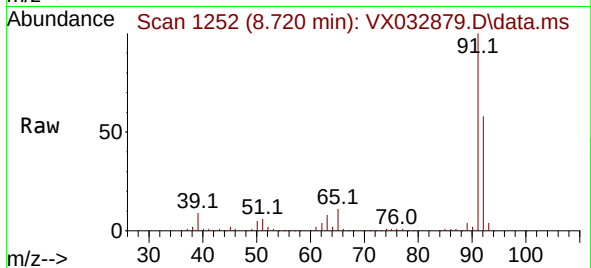
Tgt Ion: 43 Resp: 20396
Ion Ratio Lower Upper
43 100
58 31.8 30.9 46.3





#52
Toluene
Concen: 322.115 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

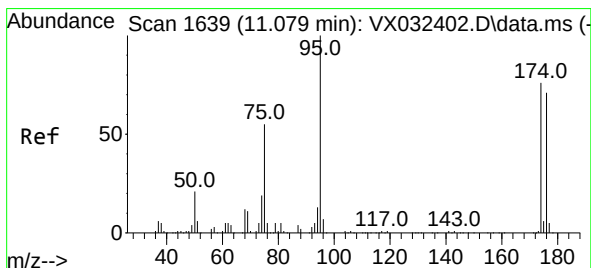
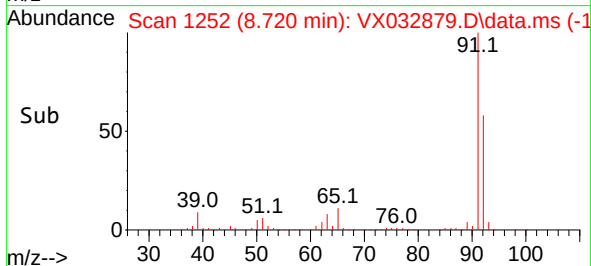
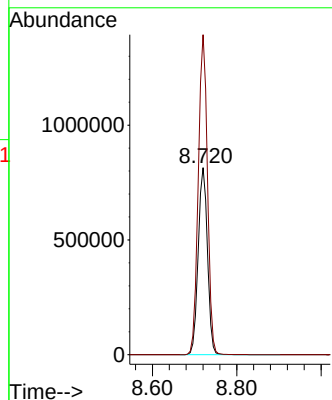


Tgt Ion: 92 Resp: 124192
Ion Ratio Lower Upper
92 100
91 170.5 138.3 207.5

Manual Integrations
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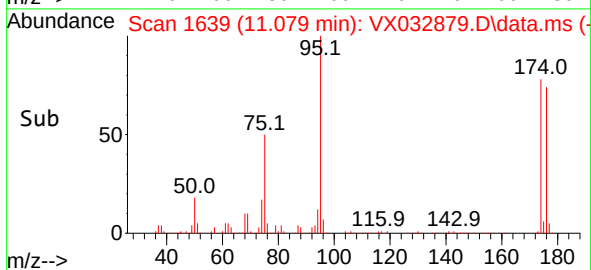
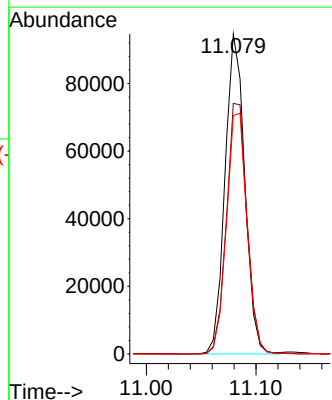
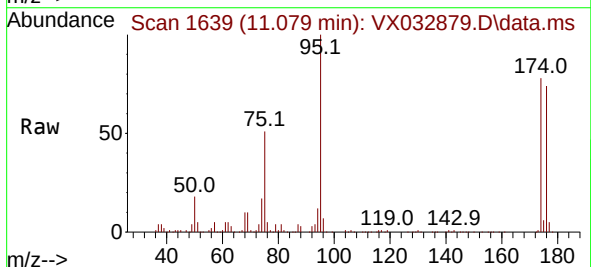
Reviewed By :John
Carlone
11/17/2022

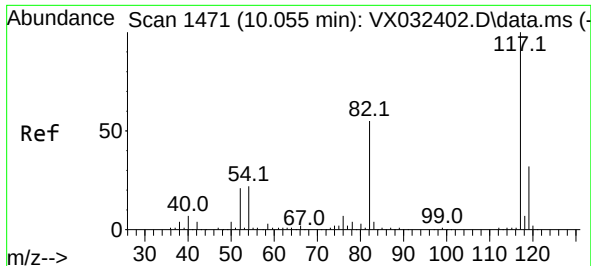
Supervised By :Mahesh
Dadoda
11/17/2022



#62
4-Bromofluorobenzene
Concen: 57.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

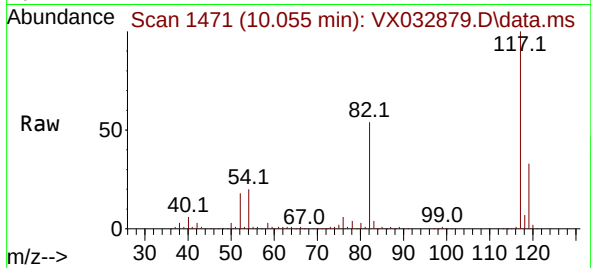
Tgt Ion: 95 Resp: 118116
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 78.7 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

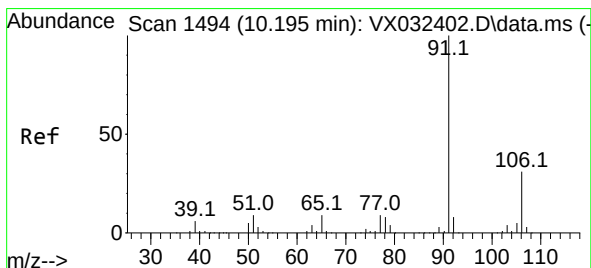
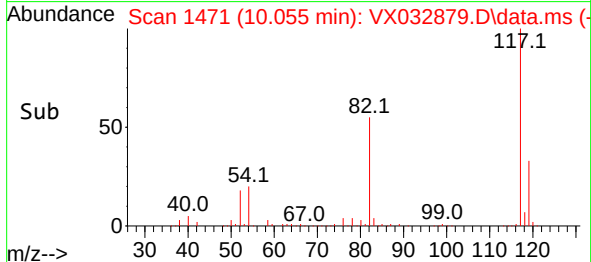
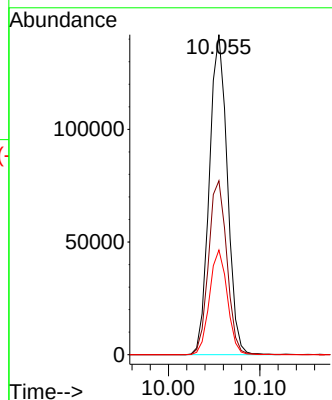


Tgt Ion: 117 Resp: 19364
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.7 25.7 38.5

Manual Integrations
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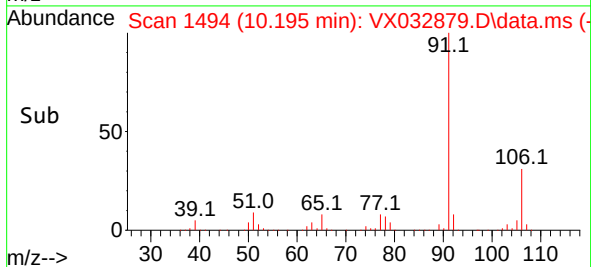
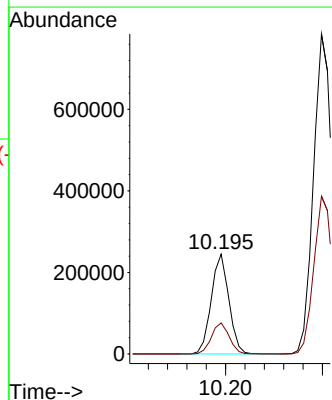
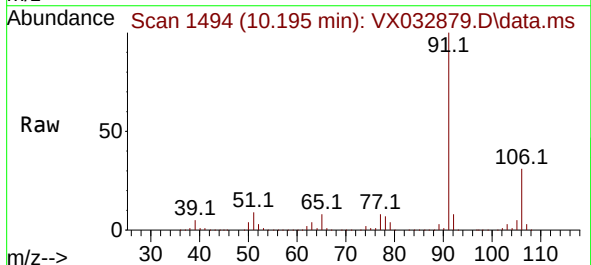
Reviewed By :John
Carlone
11/17/2022

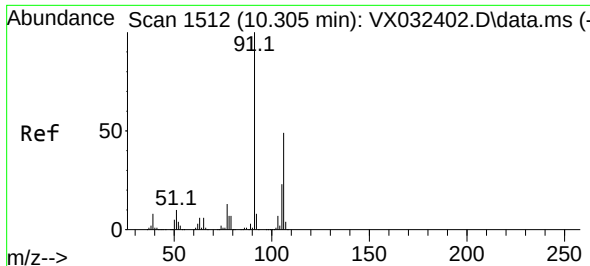
Supervised By :Mahesh
Dadoda
11/17/2022



#67
Ethyl Benzene
Concen: 39.846 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

Tgt Ion: 91 Resp: 309074
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6





#68
m/p-Xylenes
Concen: 171.970 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

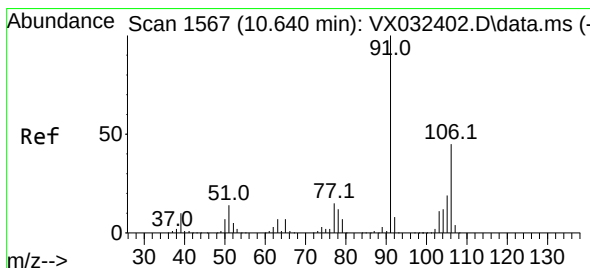
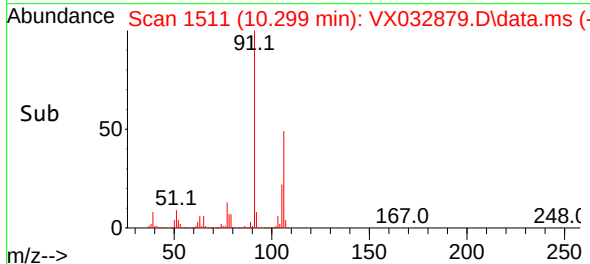
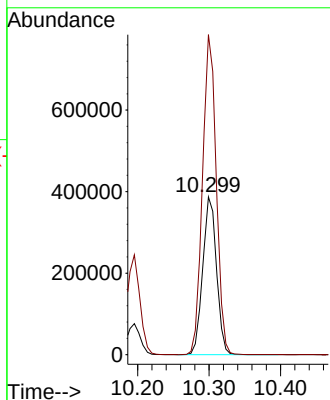
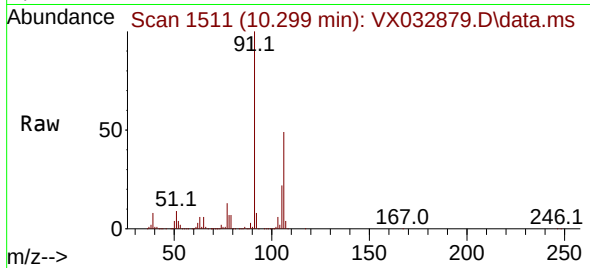
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

Tgt Ion:106 Resp: 51797
Ion Ratio Lower Upper
106 100
91 202.6 164.5 246.7

Manual Integrations
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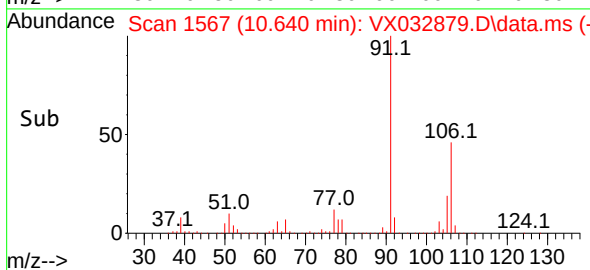
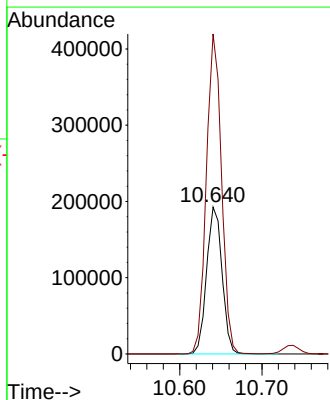
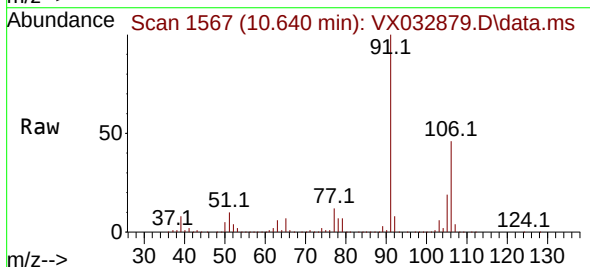
Reviewed By :John
Carlone
11/17/2022

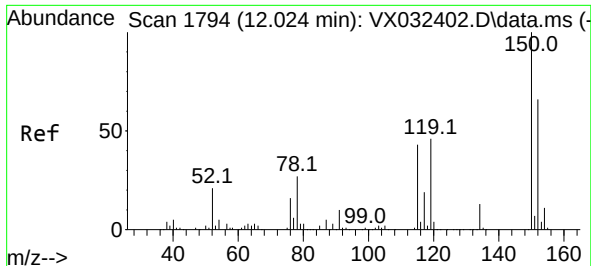
Supervised By :Mahesh
Dadoda
11/17/2022



#69
o-Xylene
Concen: 85.804 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

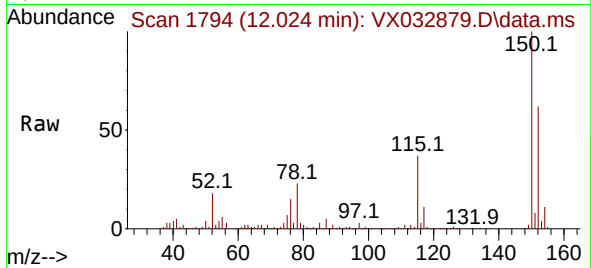
Tgt Ion:106 Resp: 251277
Ion Ratio Lower Upper
106 100
91 213.9 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

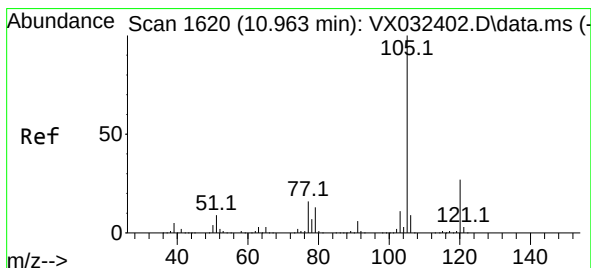
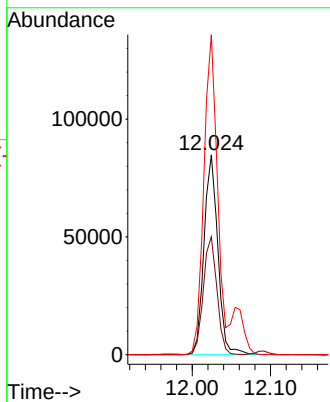
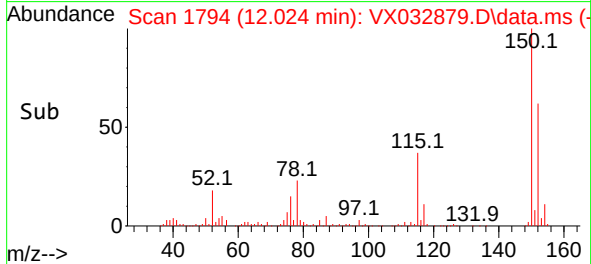


Tgt Ion:152 Resp: 103908
Ion Ratio Lower Upper
152 100
115 58.0 44.0 132.0
150 160.1 0.0 351.8

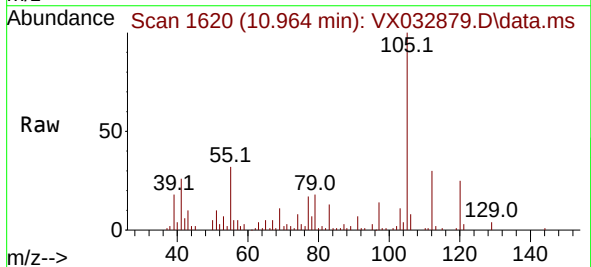
Manual Integrations
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Reviewed By :John
Carlone
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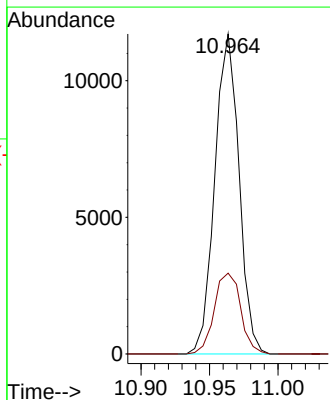
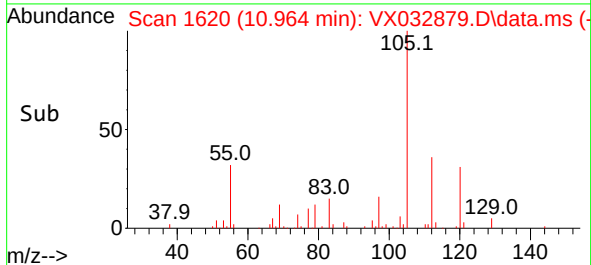
Supervised By :Mahesh
Dadoda
11/17/2022

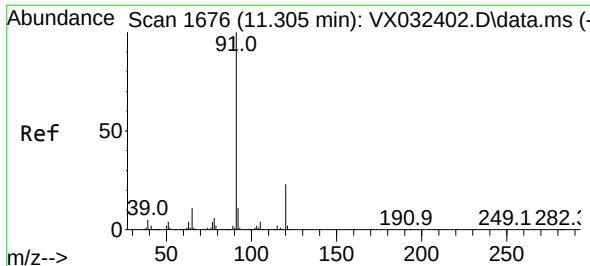


#73
Isopropylbenzene
Concen: 1.743 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29



Tgt Ion:105 Resp: 14353
Ion Ratio Lower Upper
105 100
120 27.5 13.1 39.3





#78
n-propylbenzene
Concen: 2.624 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

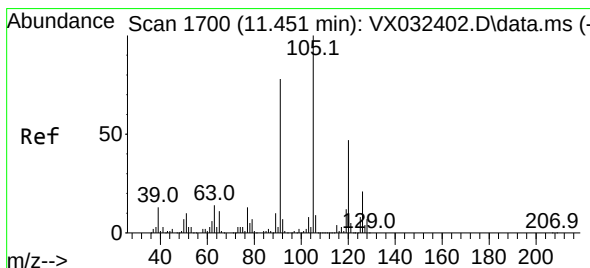
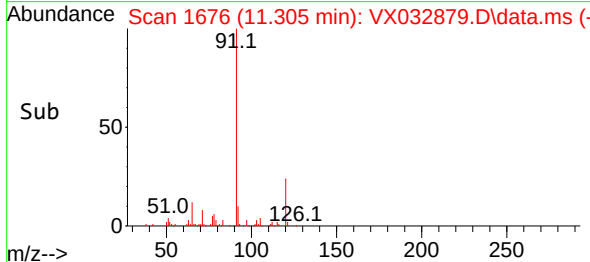
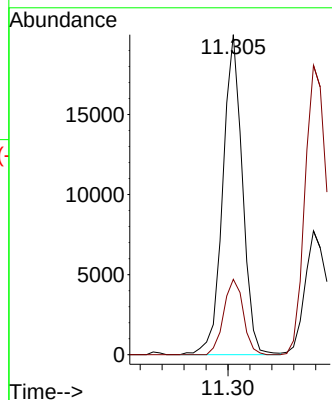
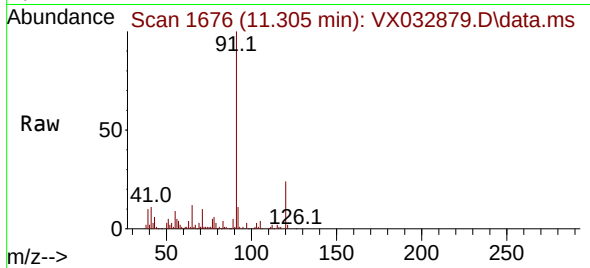
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

Tgt Ion: 91 Resp: 2489
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8

Manual Integrations
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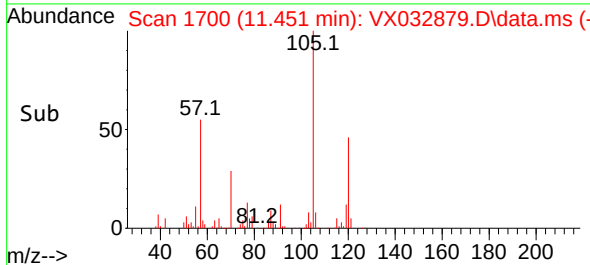
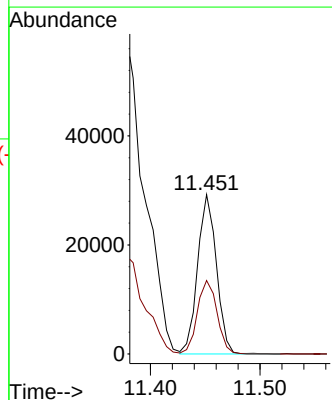
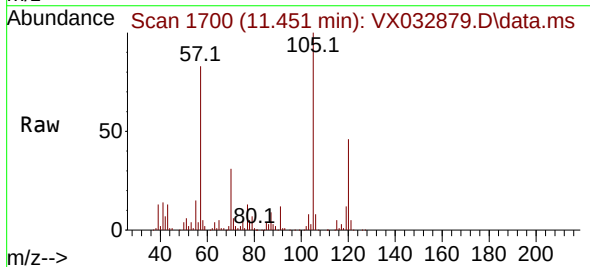
Reviewed By :John
Carlone
11/17/2022

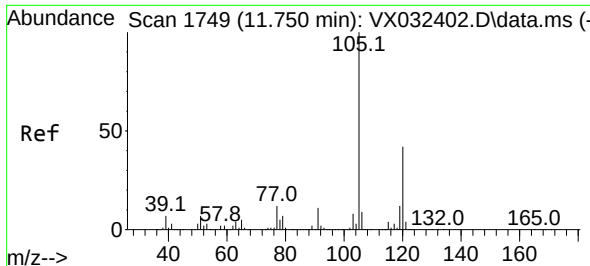
Supervised By :Mahesh
Dadoda
11/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.947 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

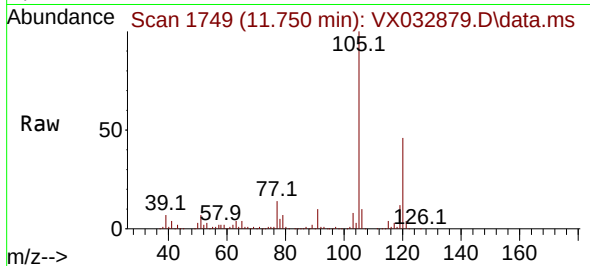
Tgt Ion:105 Resp: 34813
Ion Ratio Lower Upper
105 100
120 48.1 23.6 71.0





#84
1,2,4-Trimethylbenzene
Concen: 16.954 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

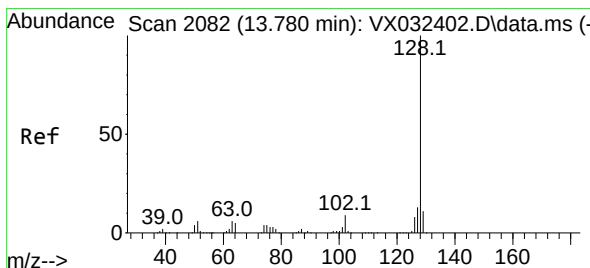
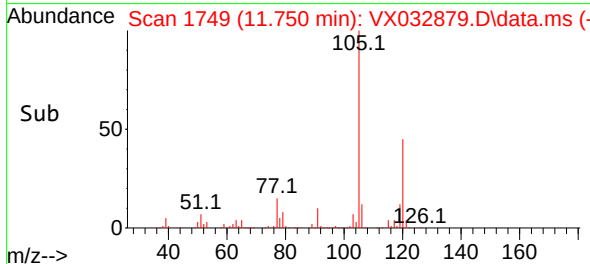
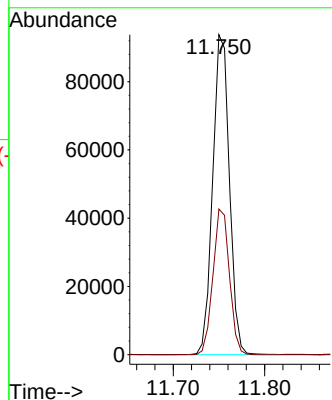


Tgt Ion:105 Resp: 11866
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone
11/17/2022

Supervised By :Mahesh
Dadoda
11/17/2022



#95
Naphthalene
Concen: 3.323 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032879.D
Acq: 16 Nov 2022 19:29

Tgt Ion:128 Resp: 27109
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 12.0 8.9 13.3

