

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026327.D
 Acq On : 05 Jan 2022 17:10
 Operator : JC/MD
 Sample : N1005-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WANA-SBDL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 03:10:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	147285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104835	49.200	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.400%		
35) Dibromofluoromethane	5.391	113	79268	49.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	8.653	98	287673	48.210	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.420%		
62) 4-Bromofluorobenzene	11.079	95	112804	53.105	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.200%		
Target Compounds					Qvalue	
8) Diethyl Ether	2.136	74	50937	45.423	ug/l	100
11) Tert butyl alcohol	2.965	59	119188	280.056	ug/l #	60
16) Acetone	2.380	43	388473	336.489	ug/l	96
18) Methyl Acetate	2.703	43	33270	8.884	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	110235	19.351	ug/l	95
25) 2-Butanone	4.556	43	80425	50.009	ug/l	98
31) Cyclohexane	5.483	56	5413	1.784	ug/l	94
39) Methylcyclohexane	7.385	83	5017	1.719	ug/l	95
40) Benzene	6.044	78	790812	107.091	ug/l	98
52) Toluene	8.726	92	1847991	406.502	ug/l	97
67) Ethyl Benzene	10.195	91	281772	32.572	ug/l	98
68) m/p-Xylenes	10.305	106	606971	187.916	ug/l	95
69) o-Xylene	10.640	106	212382	67.202	ug/l	93
73) Isopropylbenzene	10.963	105	32205	4.039	ug/l	96
78) n-propylbenzene	11.305	91	22322	2.435	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	83596	12.633	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	195925	29.632	ug/l	97
85) sec-Butylbenzene	11.890	105	7669	0.957	ug/l	86
86) p-Isopropyltoluene	12.012	119	9775m	1.463	ug/l	

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

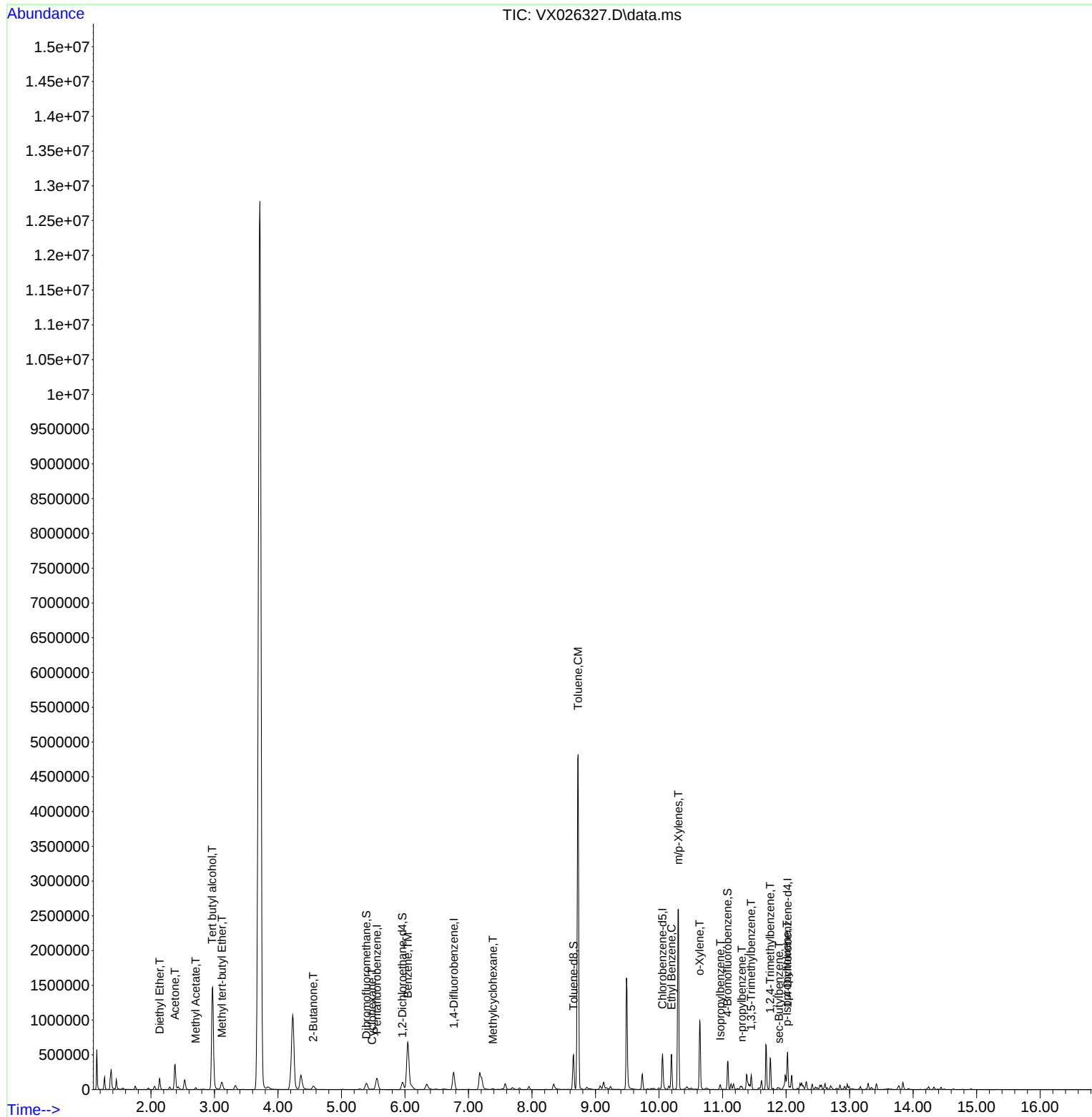
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
Data File : VX026327.D
Acq On : 05 Jan 2022 17:10
Operator : JC/MD
Sample : N1005-09DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

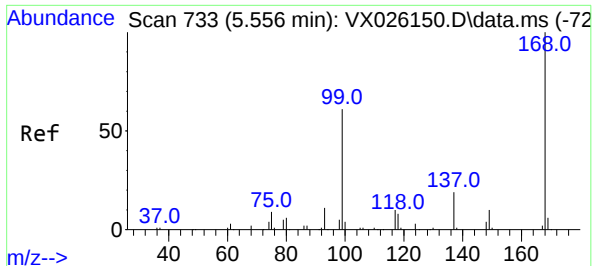
Instrument :
MSVOA_X
ClientSampleId :
WANA-SBDL

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/06/2022
Supervised By : Mahesh Dadoda 01/07/2022

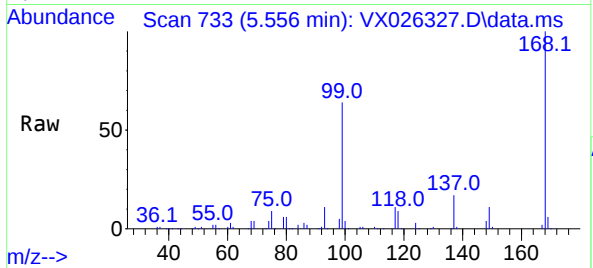
Quant Time: Jan 06 03:10:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10

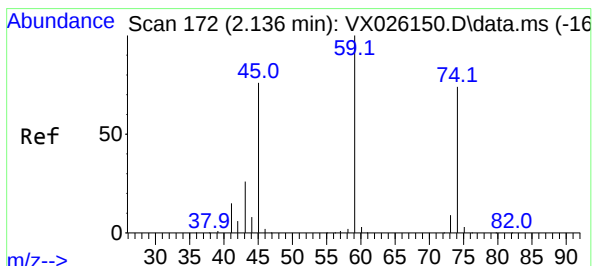
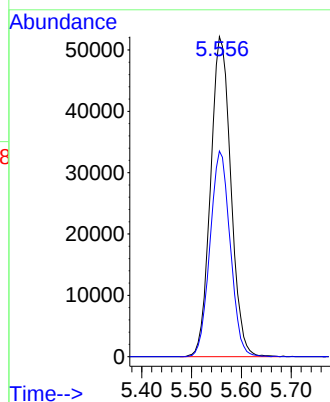
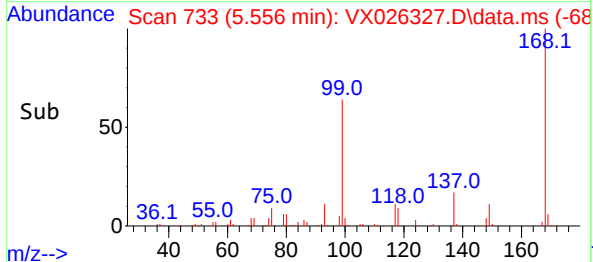
Instrument :
MSVOA_X
ClientSampleId :
WANA-SBDL



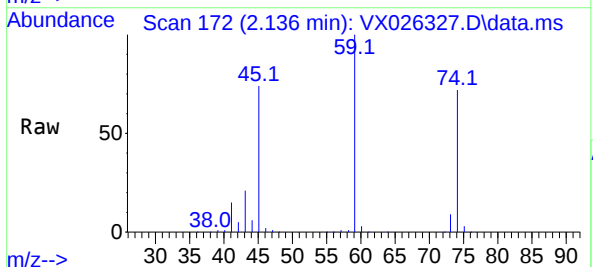
Tgt Ion:168 Resp: 147285
Ion Ratio Lower Upper
168 100
99 64.3 45.8 68.8

Manual Integrations
APPROVED

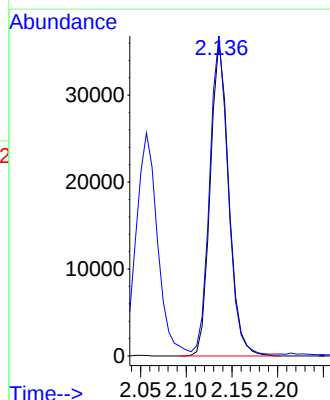
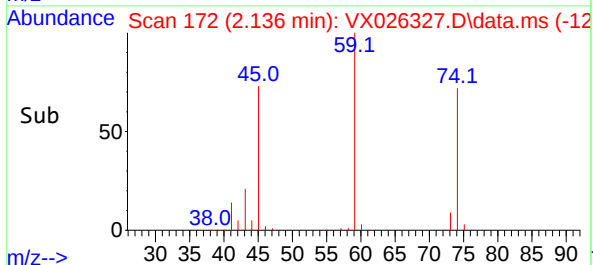
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

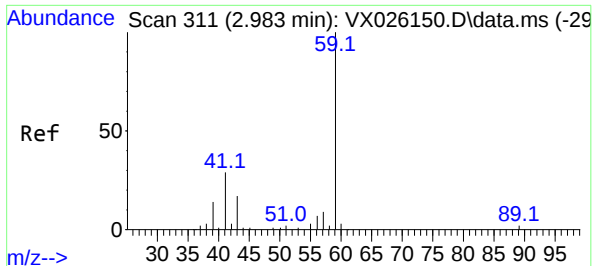


#8
Diethyl Ether
Concen: 45.423 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10



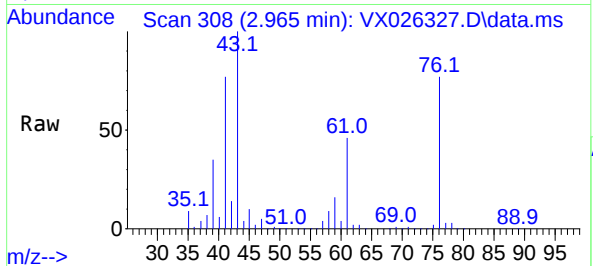
Tgt Ion: 74 Resp: 50937
Ion Ratio Lower Upper
74 100
45 100.6 50.4 151.2





#11
Tert butyl alcohol
Concen: 280.056 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10

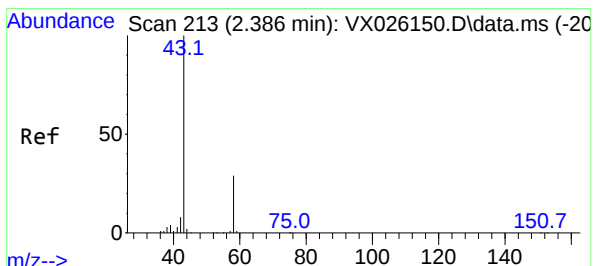
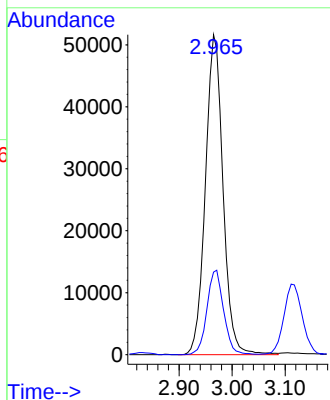
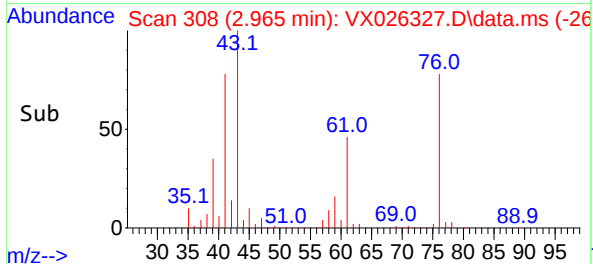
Instrument :
MSVOA_X
ClientSampleId :
WANA-SBDL



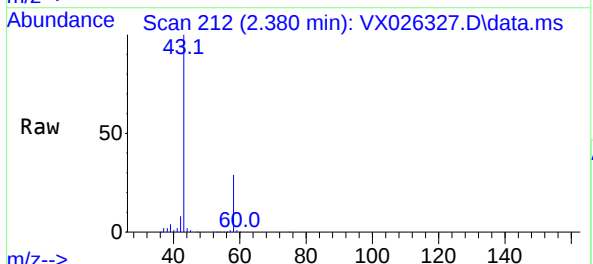
Tgt Ion: 59 Resp: 119188
Ion Ratio Lower Upper
59 100
57 25.1 8.2 12.2

Manual Integrations
APPROVED

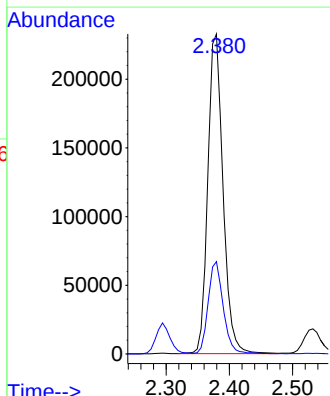
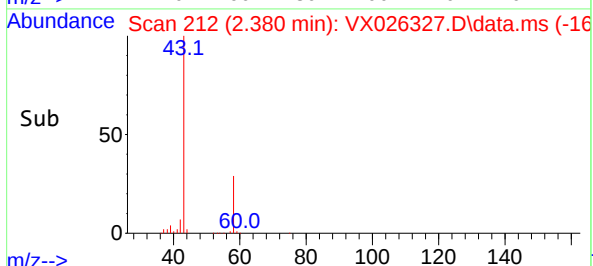
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

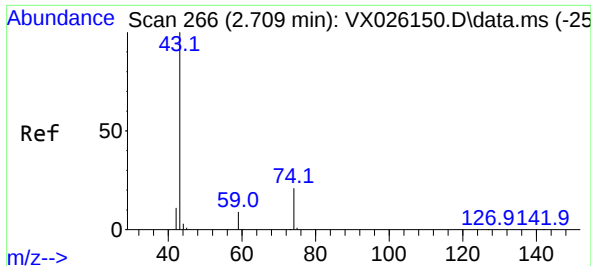


#16
Acetone
Concen: 336.489 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10



Tgt Ion: 43 Resp: 388473
Ion Ratio Lower Upper
43 100
58 28.8 24.8 37.2





#18

Methyl Acetate

Concen: 8.884 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX026327.D

Acq: 05 Jan 2022 17:10

Instrument :

MSVOA_X

ClientSampleId :

WANA-SBDL

Tgt Ion: 43 Resp: 33270

Ion Ratio Lower Upper

43 100

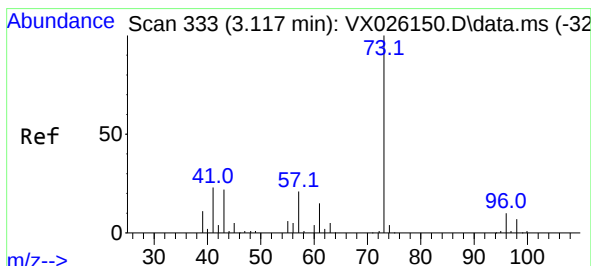
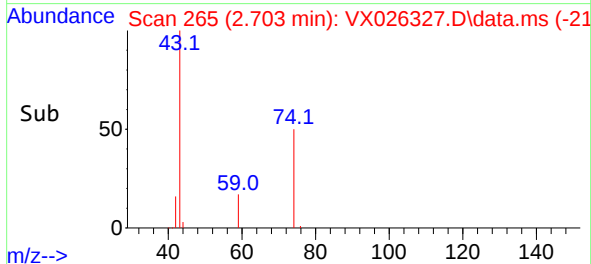
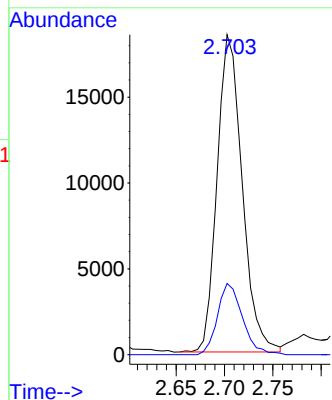
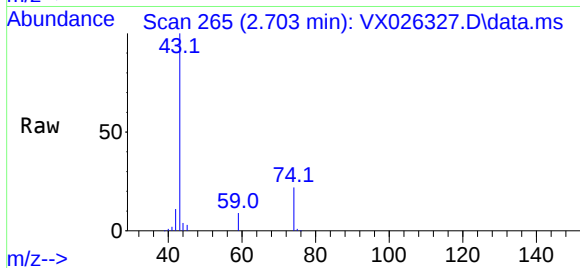
74 22.3 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/07/2022



#19

Methyl tert-butyl Ether

Concen: 19.351 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX026327.D

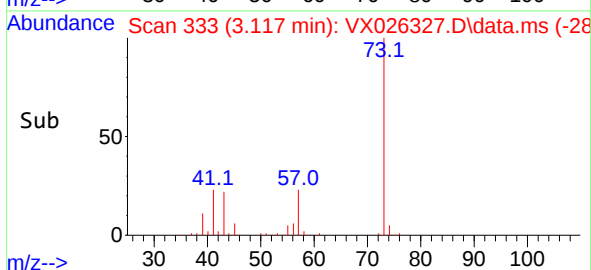
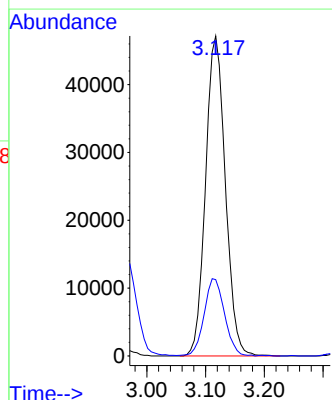
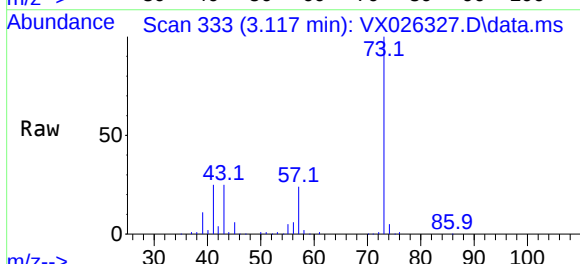
Acq: 05 Jan 2022 17:10

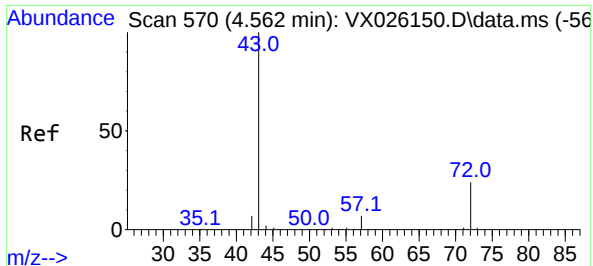
Tgt Ion: 73 Resp: 110235

Ion Ratio Lower Upper

73 100

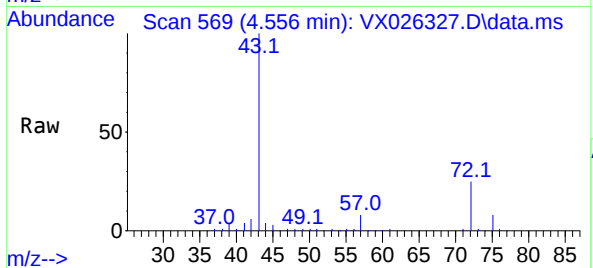
57 23.9 17.0 25.6





#25
2-Butanone
Concen: 50.009 ug/l
RT: 4.556 min Scan# 504
Delta R.T. -0.006 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10

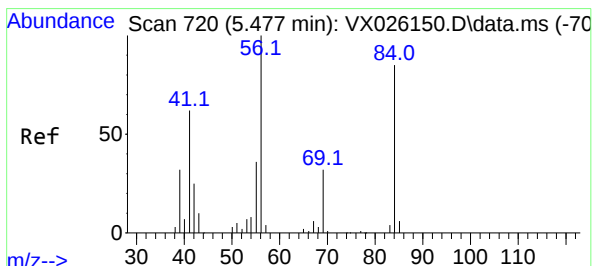
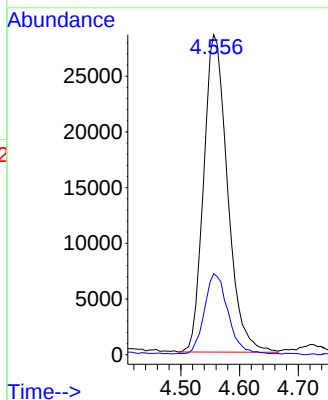
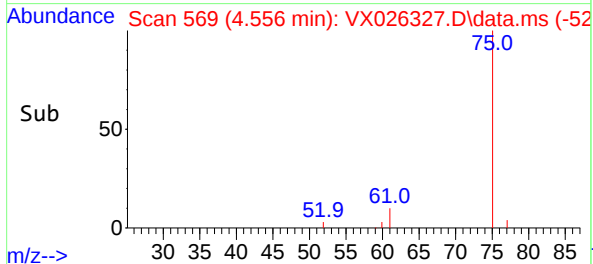
Instrument :
MSVOA_X
ClientSampleId :
WANA-SBDL



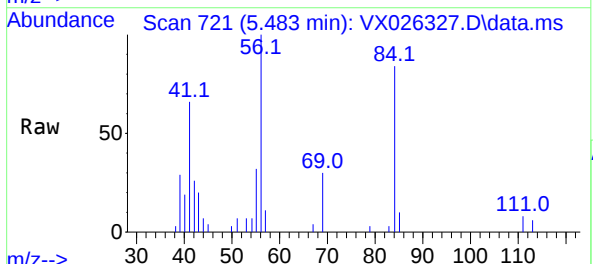
Tgt Ion: 43 Resp: 8042
Ion Ratio Lower Upper
43 100
72 25.2 21.0 31.4

Manual Integrations
APPROVED

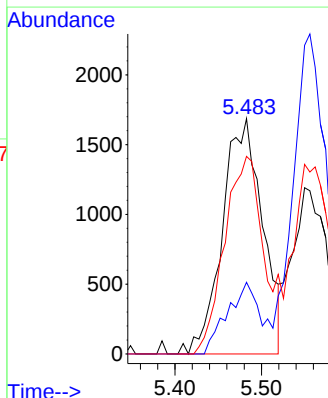
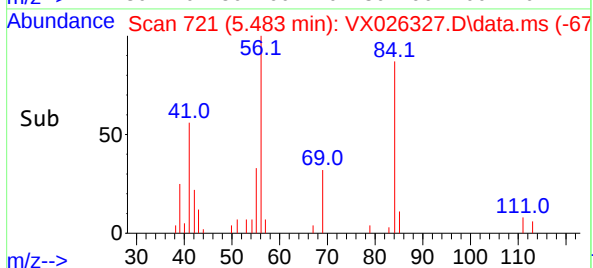
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

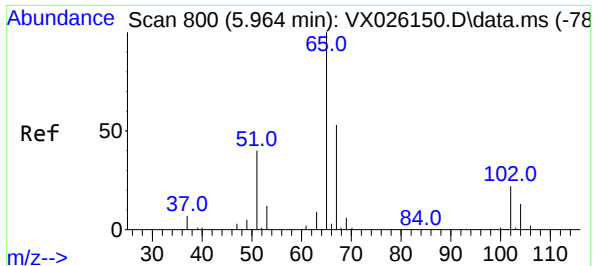


#31
Cyclohexane
Concen: 1.784 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10



Tgt Ion: 56 Resp: 5413
Ion Ratio Lower Upper
56 100
69 30.5 23.9 35.9
84 84.0 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 49.200 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026327.D

Acq: 05 Jan 2022 17:10

Instrument :

MSVOA_X

ClientSampleId :

WANA-SBDL

Tgt Ion: 65 Resp: 10483

Ion Ratio Lower Upper

65 100

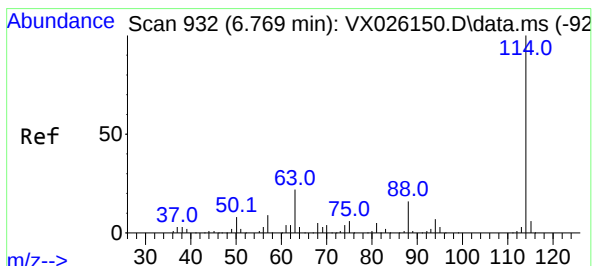
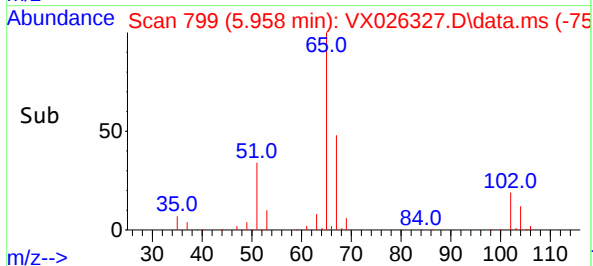
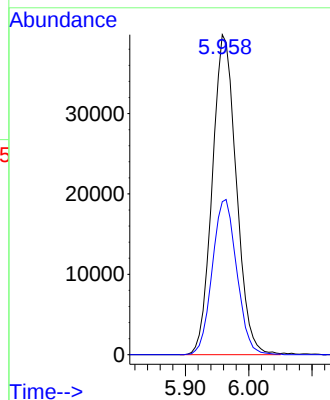
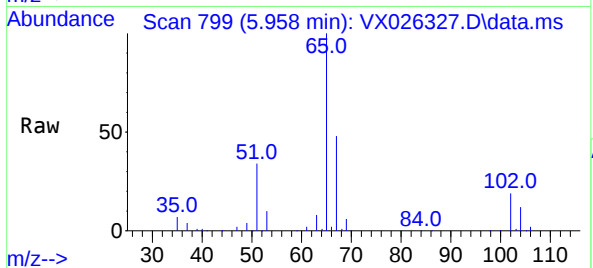
67 49.4 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026327.D

Acq: 05 Jan 2022 17:10

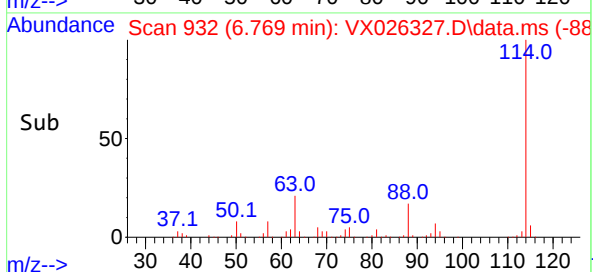
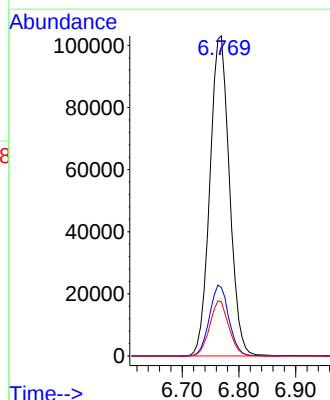
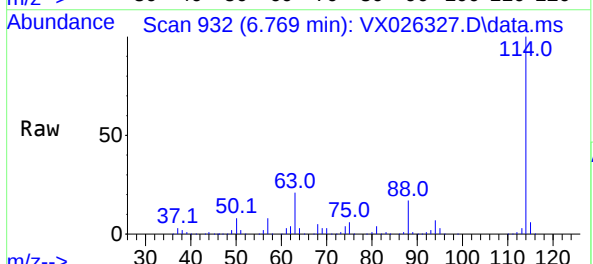
Tgt Ion:114 Resp: 246750

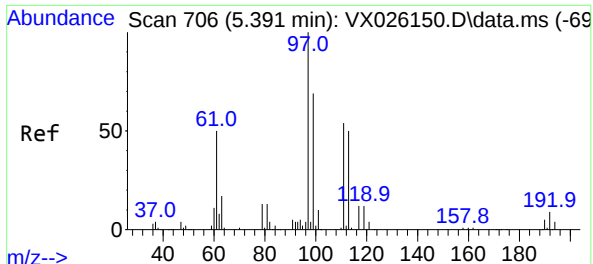
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

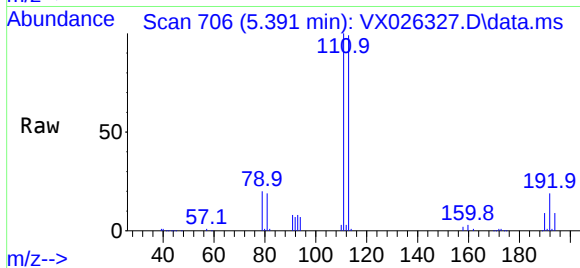
88 17.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.413 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10

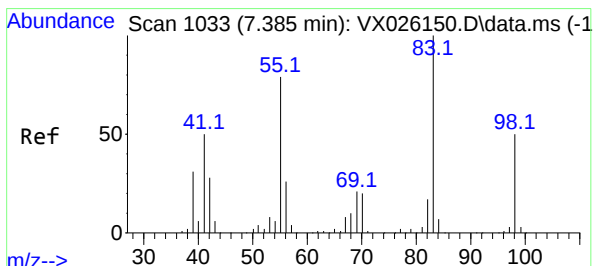
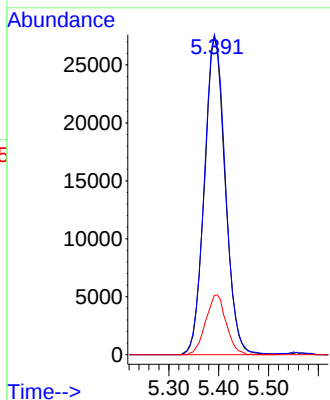
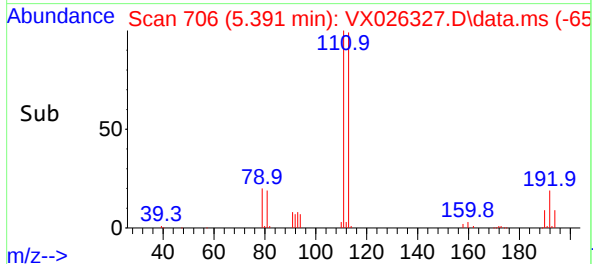
Instrument :
MSVOA_X
ClientSampleId :
WANA-SBDL



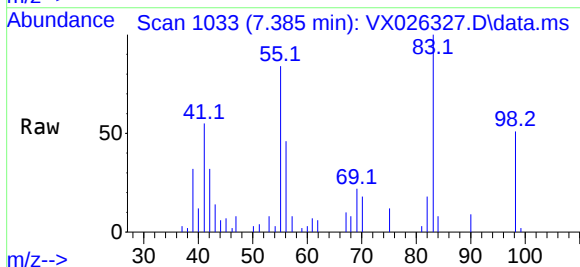
Tgt Ion: 113 Resp: 7926
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 18.5 15.0 22.4

Manual Integrations
APPROVED

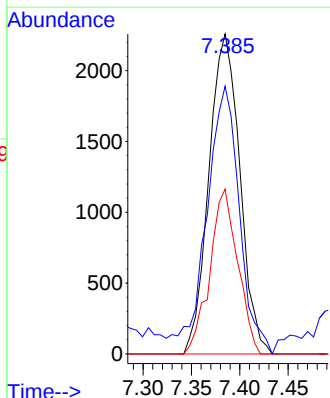
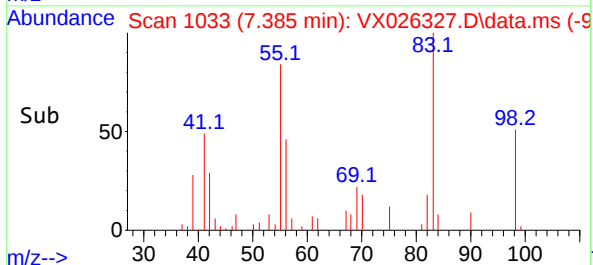
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

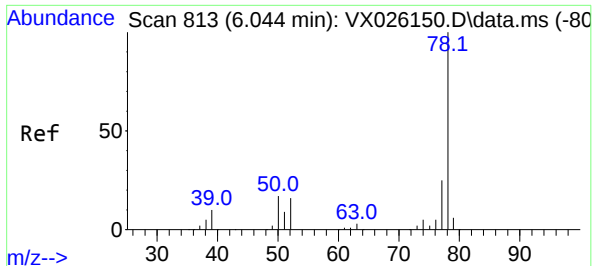


#39
Methylcyclohexane
Concen: 1.719 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10



Tgt Ion: 83 Resp: 5017
Ion Ratio Lower Upper
83 100
55 79.3 57.8 86.8
98 51.5 40.5 60.7





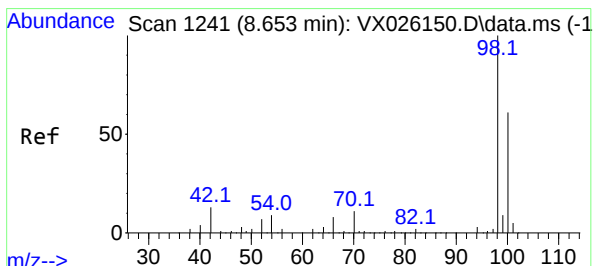
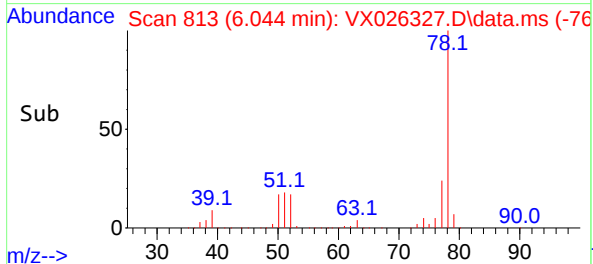
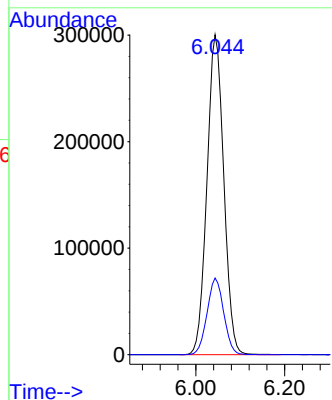
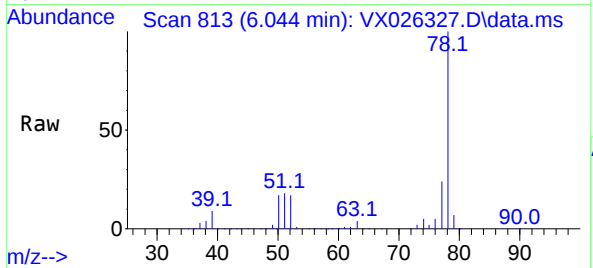
#40
Benzene
Concen: 107.091 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10

Instrument :
MSVOA_X
ClientSampleId :
WANA-SBDL

Tgt Ion: 78 Resp: 790812
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8

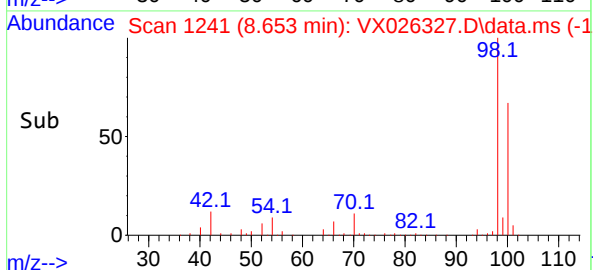
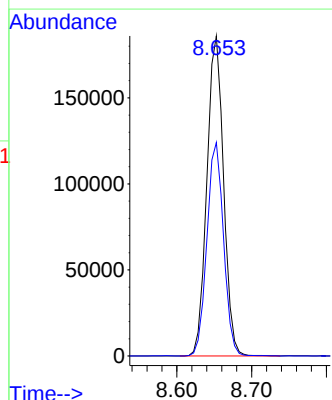
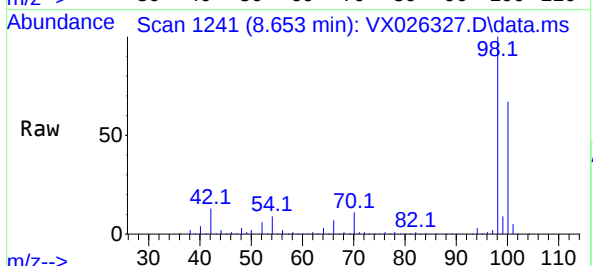
Manual Integrations
APPROVED

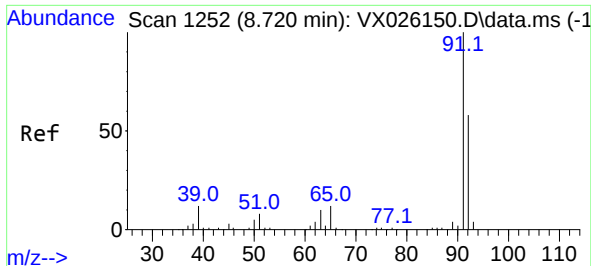
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022



#50
Toluene-d8
Concen: 48.210 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10

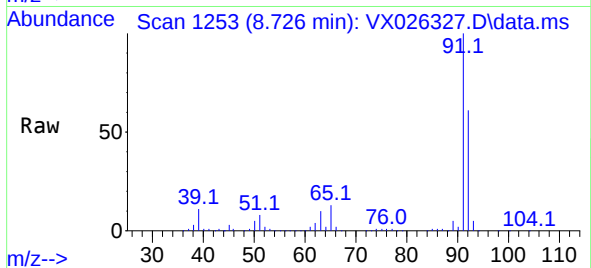
Tgt Ion: 98 Resp: 287673
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8





#52
Toluene
Concen: 406.502 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10

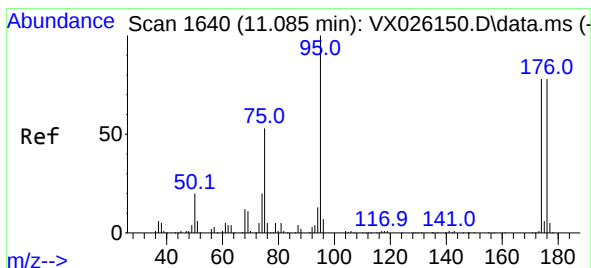
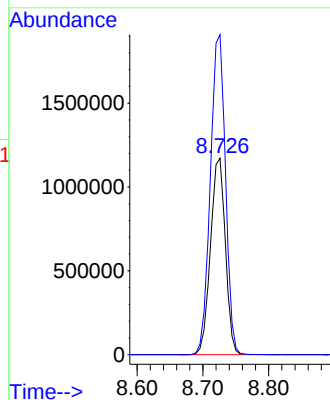
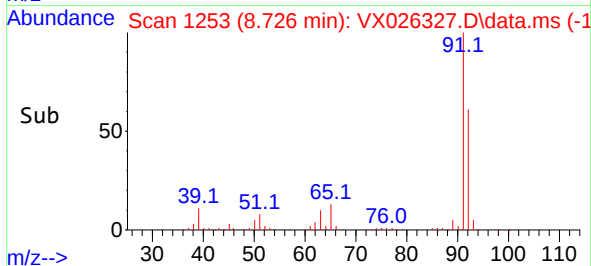
Instrument :
MSVOA_X
ClientSampleId :
WANA-SBDL



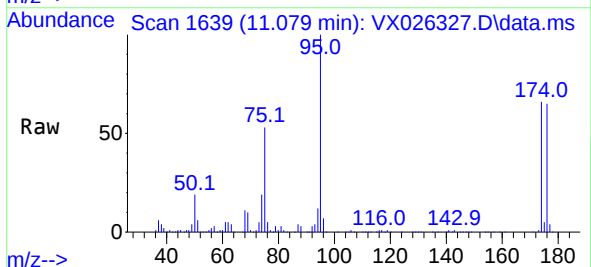
Tgt Ion: 92 Resp: 184799
Ion Ratio Lower Upper
92 100
91 165.5 136.0 204.0

Manual Integrations
APPROVED

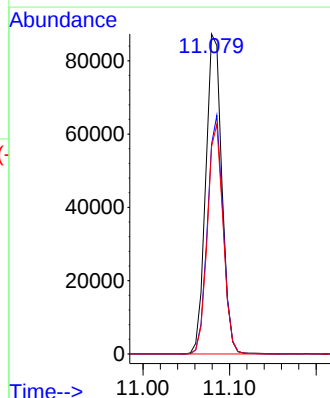
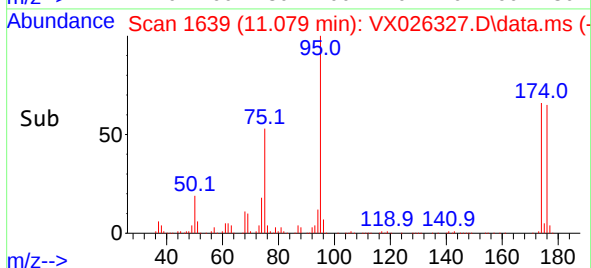
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

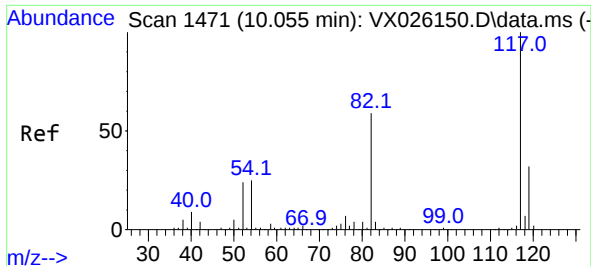


#62
4-Bromofluorobenzene
Concen: 53.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10



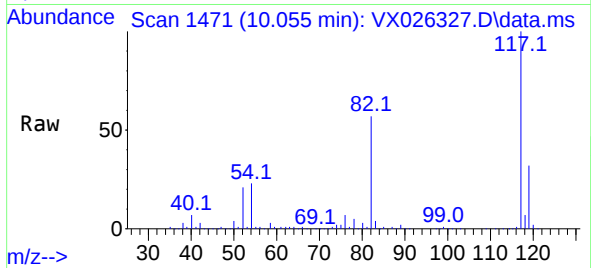
Tgt Ion: 95 Resp: 112804
Ion Ratio Lower Upper
95 100
174 72.3 0.0 157.4
176 69.7 0.0 154.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10

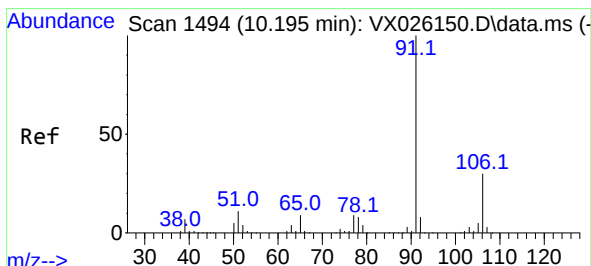
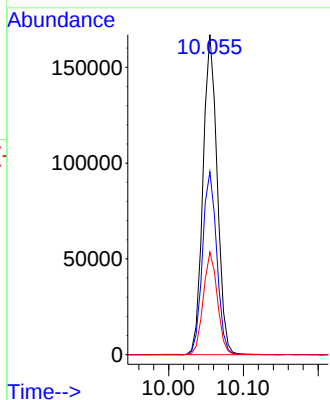
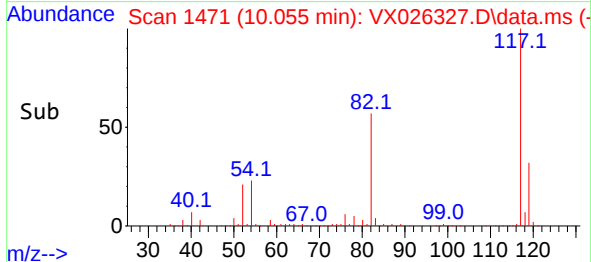
Instrument :
MSVOA_X
ClientSampleId :
WANA-SBDL



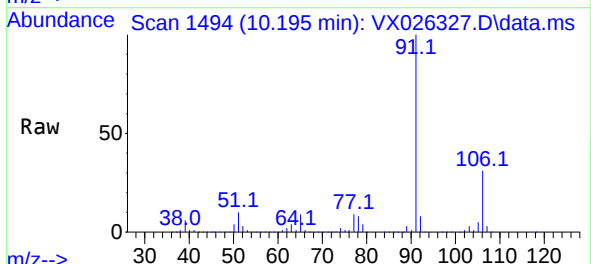
Tgt Ion:117 Resp: 220235
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.6
119 32.0 25.2 37.8

Manual Integrations
APPROVED

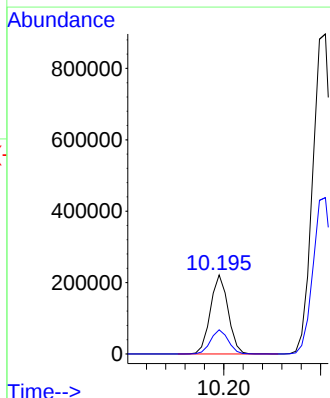
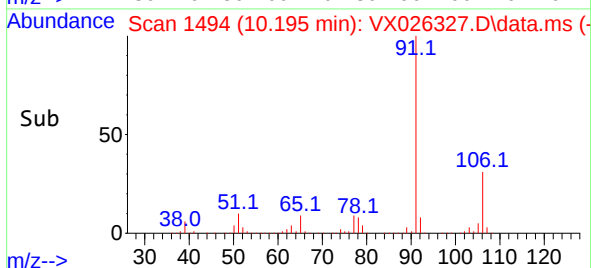
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

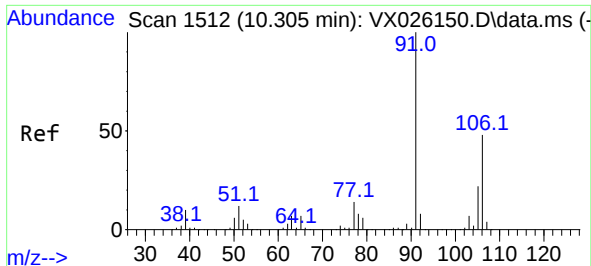


#67
Ethyl Benzene
Concen: 32.572 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10



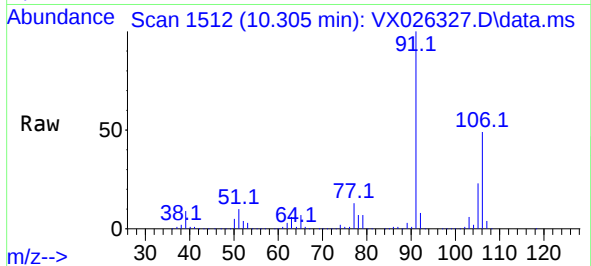
Tgt Ion: 91 Resp: 281772
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5





#68
m/p-Xylenes
Concen: 187.916 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10

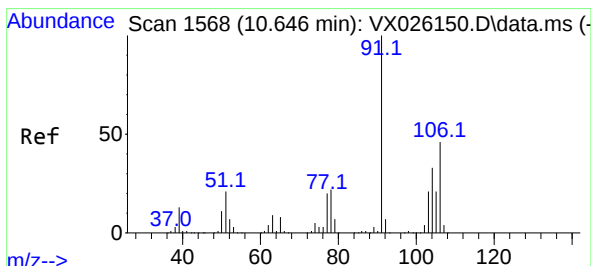
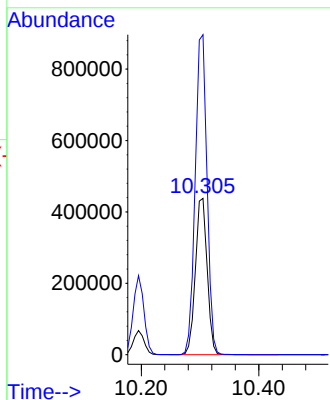
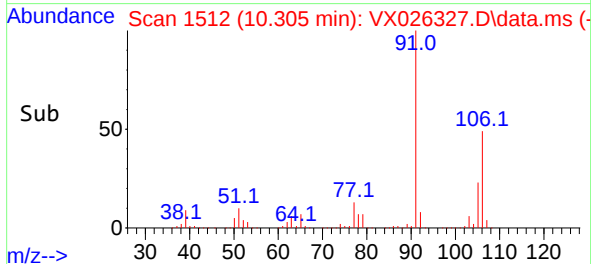
Instrument :
MSVOA_X
ClientSampleId :
WANA-SBDL



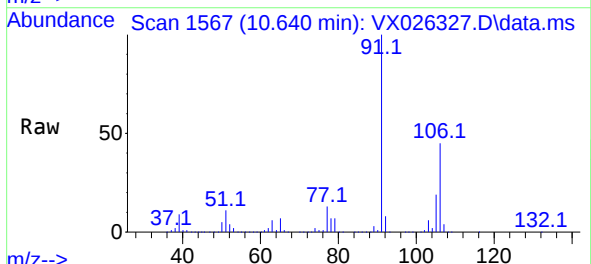
Tgt Ion:106 Resp: 60697
Ion Ratio Lower Upper
106 100
91 205.9 158.6 238.0

Manual Integrations
APPROVED

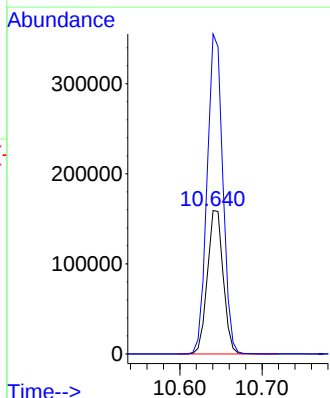
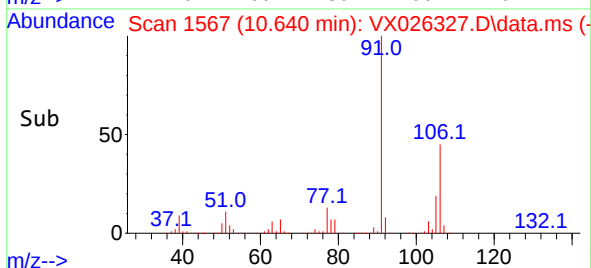
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

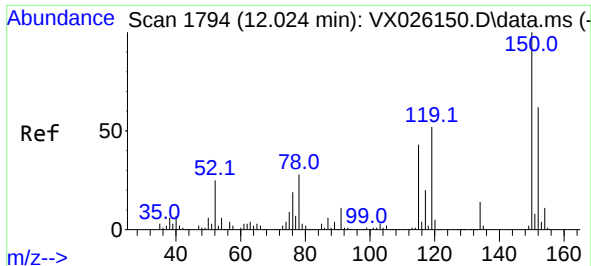


#69
o-Xylene
Concen: 67.202 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10



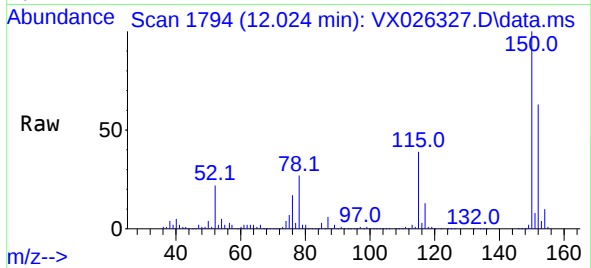
Tgt Ion:106 Resp: 212382
Ion Ratio Lower Upper
106 100
91 221.4 105.5 316.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10

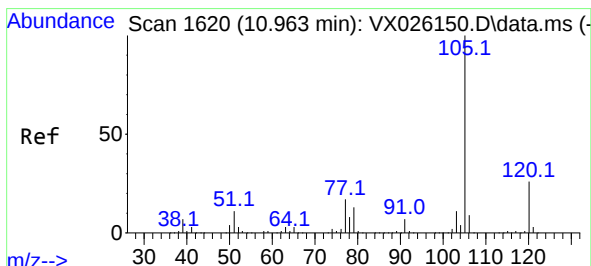
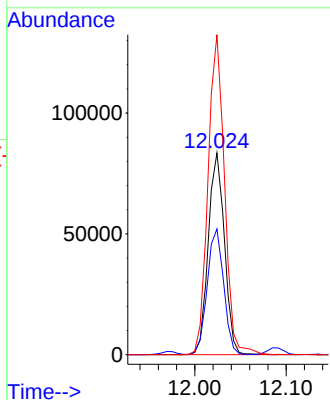
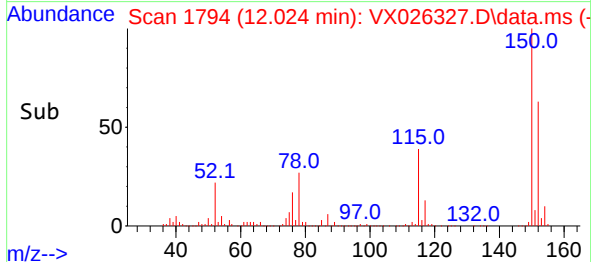
Instrument :
MSVOA_X
ClientSampleId :
WANA-SBDL



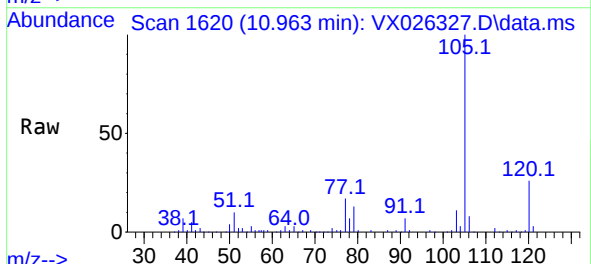
Tgt Ion:152 Resp: 10258
Ion Ratio Lower Upper
152 100
115 63.2 41.3 123.9
150 161.4 0.0 351.8

Manual Integrations
APPROVED

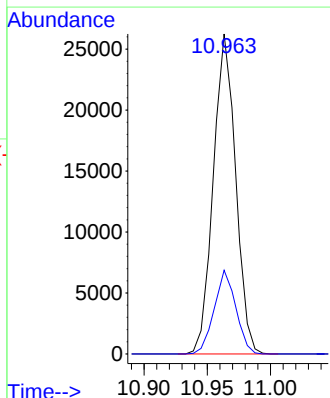
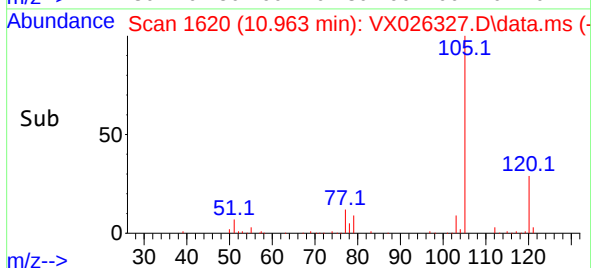
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

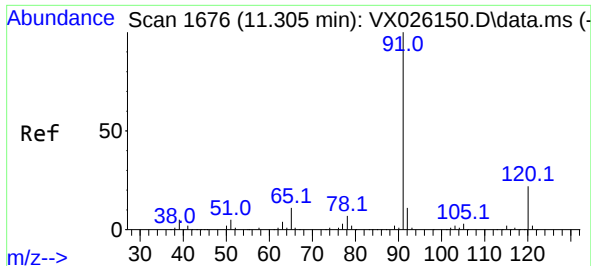


#73
Isopropylbenzene
Concen: 4.039 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10



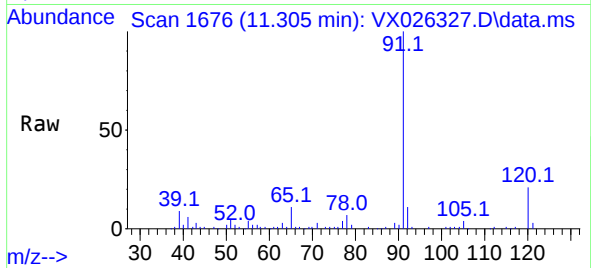
Tgt Ion:105 Resp: 32205
Ion Ratio Lower Upper
105 100
120 25.3 13.6 40.7





#78
n-propylbenzene
Concen: 2.435 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10

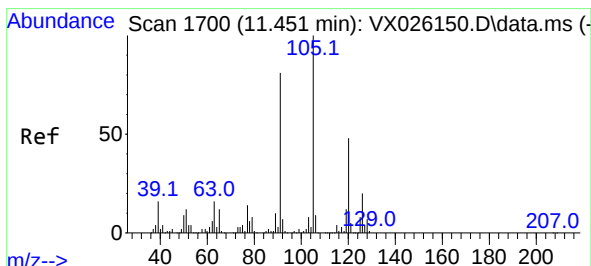
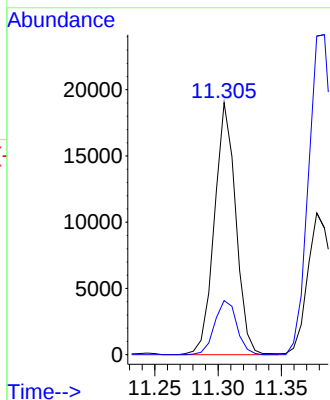
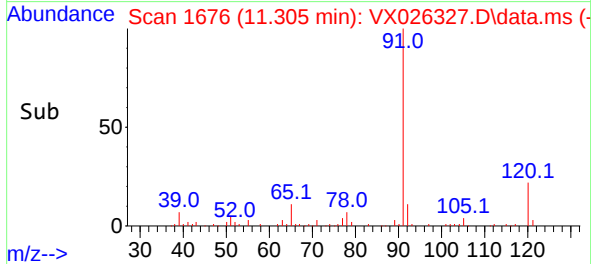
Instrument :
MSVOA_X
ClientSampleId :
WANA-SBDL



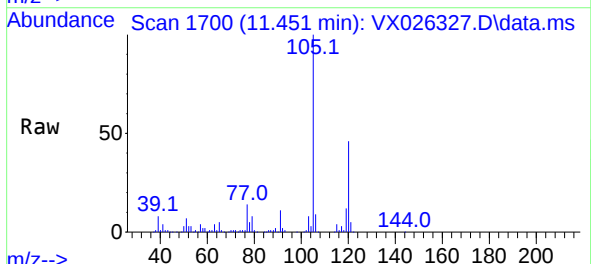
Tgt Ion: 91 Resp: 2232
Ion Ratio Lower Upper
91 100
120 22.2 12.0 36.1

Manual Integrations
APPROVED

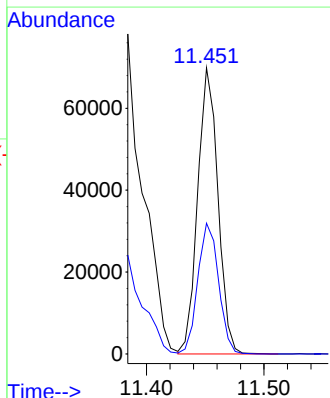
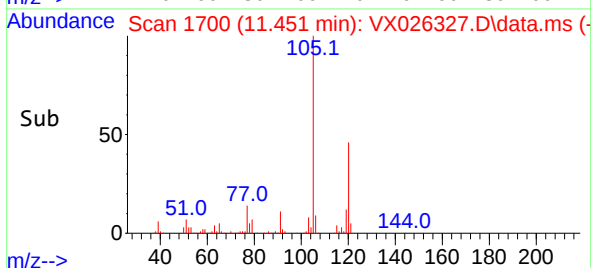
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

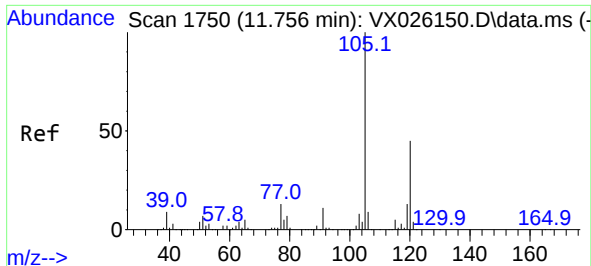


#80
1,3,5-Trimethylbenzene
Concen: 12.633 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10



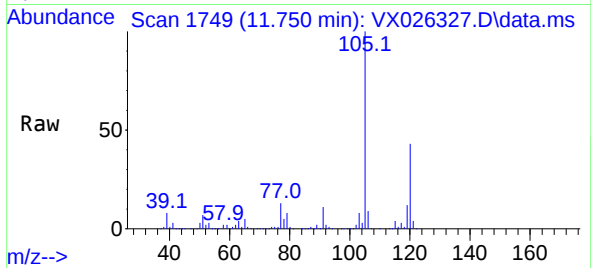
Tgt Ion:105 Resp: 83596
Ion Ratio Lower Upper
105 100
120 46.9 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 29.632 ug/l
RT: 11.750 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10

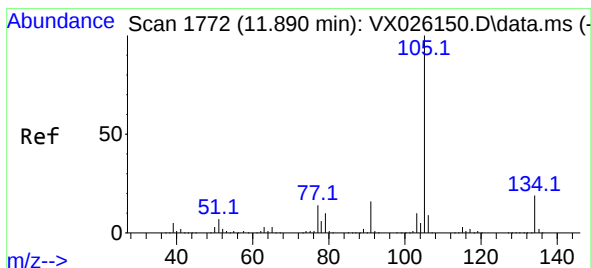
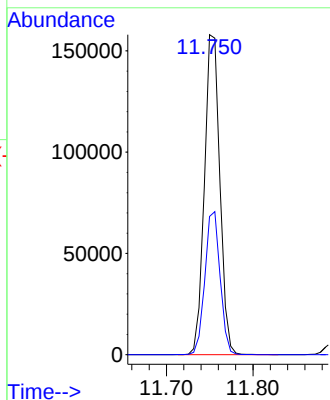
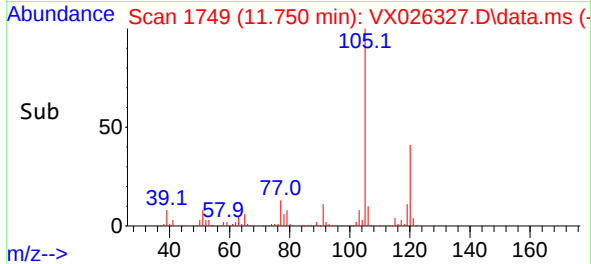
Instrument :
MSVOA_X
ClientSampleId :
WANA-SBDL



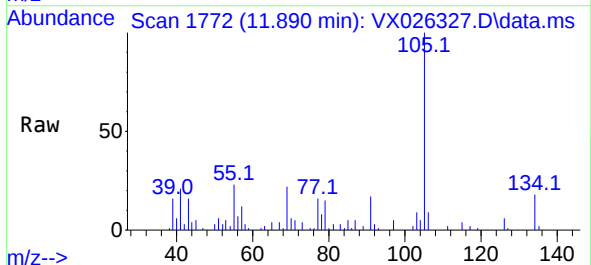
Tgt Ion:105 Resp: 195925
Ion Ratio Lower Upper
105 100
120 44.1 22.9 68.7

Manual Integrations
APPROVED

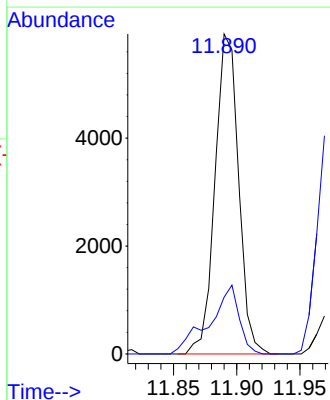
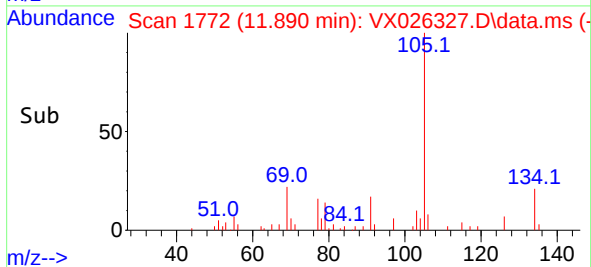
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

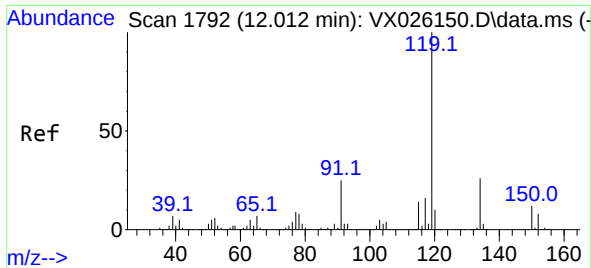


#85
sec-Butylbenzene
Concen: 0.957 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX026327.D
Acq: 05 Jan 2022 17:10



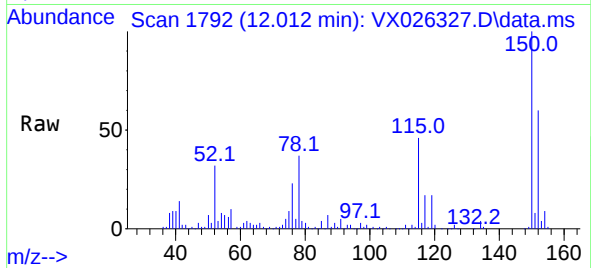
Tgt Ion:105 Resp: 7669
Ion Ratio Lower Upper
105 100
134 27.2 10.4 31.1





#86
 p-Isopropyltoluene
 Concen: 1.463 ug/l m
 RT: 12.012 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026327.D
 Acq: 05 Jan 2022 17:10

Instrument :
 MSVOA_X
 ClientSampleId :
 WANA-SBDL



Tgt Ion:119 Resp: 9775

Ion	Ratio	Lower	Upper
119	100		
134	19.4	13.2	39.6
91	20.8	11.9	35.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/07/2022

