

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
 Data File : VX040624.D
 Acq On : 08 Mar 2024 12:02
 Operator : JC/MD
 Sample : P1689-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(MARCH)

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/11/2024
 Supervised By :Semsettin Yesilyurt 03/11/2024

Quant Time: Mar 08 23:52:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	16658	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	93722	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	87993	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	49104	29.515	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.367%		
60) 4-Bromofluorobenzene	11.079	95	38626	25.591	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	85.300%		
63) Toluene-d8	8.647	98	114226	29.374	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.900%		
Target Compounds						
15) Acetone	2.373	58	15650	84.972	ug/l #	66
23) tert-Butyl Alcohol	2.953	59	5023m	16.500	ug/l	
30) 2-Butanone	4.568	43	9249	9.343	ug/l #	76
58) 4-Methyl-2-Pentanone	8.574	43	8706	4.443	ug/l	97
59) 2-Hexanone	9.439	43	1298	0.820	ug/l	88
62) Toluene	8.720	91	72240	14.906	ug/l	98
67) m/p-Xylenes	10.305	106	665	0.322	ug/l	97
80) 1,2,4-Trimethylbenzene	11.756	105	3135	0.673	ug/l	63
82) p-Isopropyltoluene	12.006	119	3326	0.698	ug/l	96
91) Naphthalene	13.774	128	1502	0.285	ug/l #	91

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

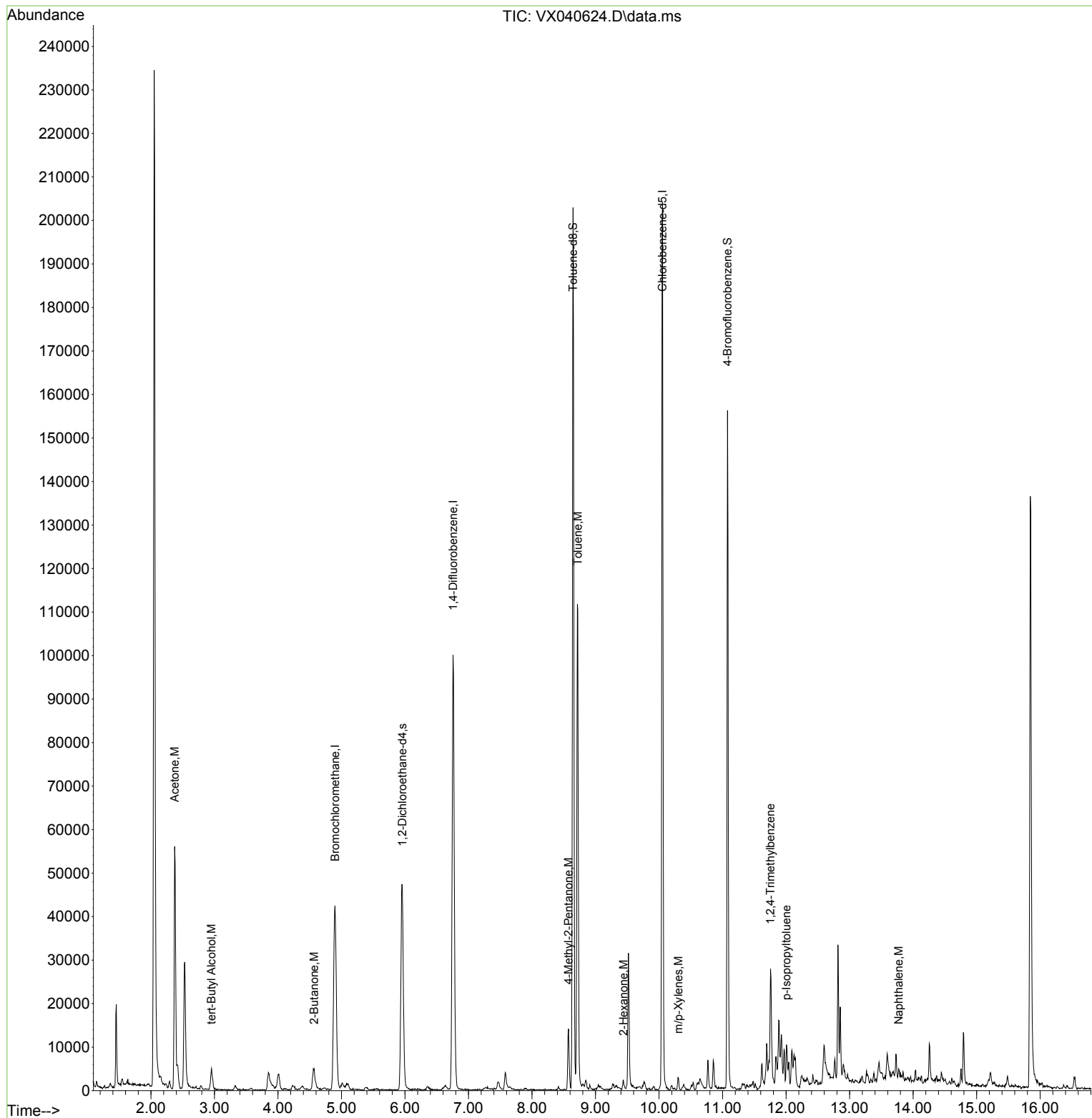
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
Data File : VX040624.D
Acq On : 08 Mar 2024 12:02
Operator : JC/MD
Sample : P1689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

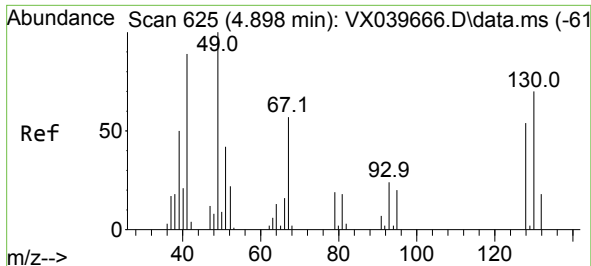
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(MARCH)

Quant Time: Mar 08 23:52:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Mar 05 13:21:29 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

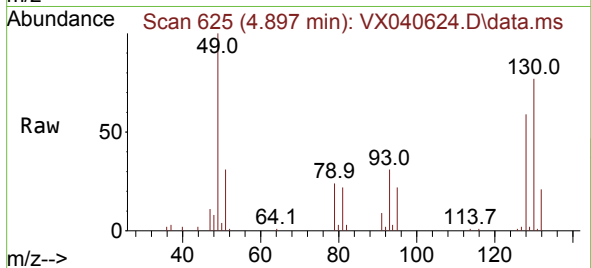
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

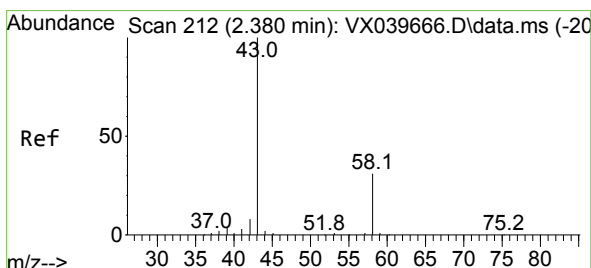
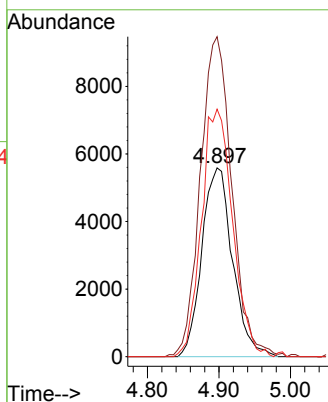
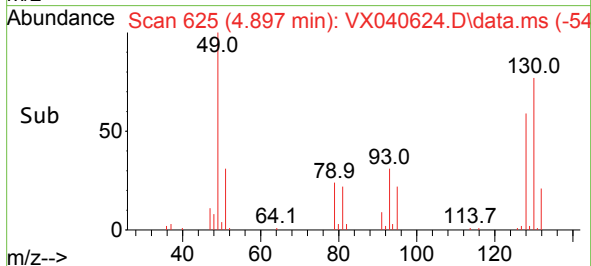
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(MARCH)



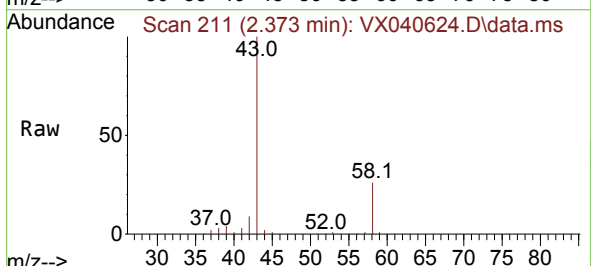
Tgt Ion:128 Resp: 16658
Ion Ratio Lower Upper
128 100
49 173.3 0.0 444.0
130 57.8 0.0 297.8

Manual Integrations
APPROVED

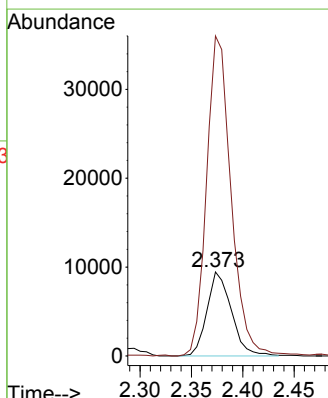
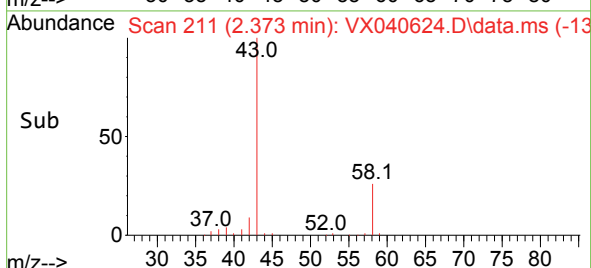
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024

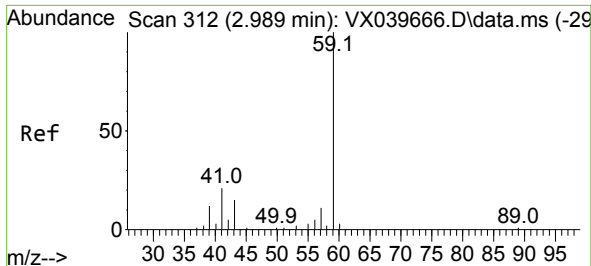


#15
Acetone
Concen: 84.972 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02



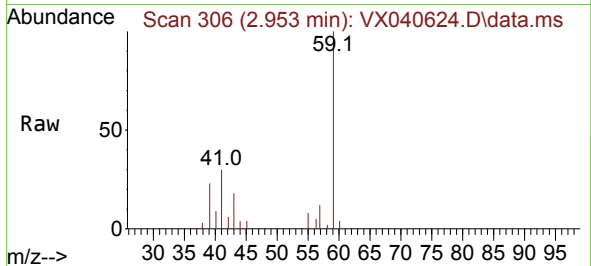
Tgt Ion: 58 Resp: 15650
Ion Ratio Lower Upper
58 100
43 381.2 249.9 374.9#





#23
tert-Butyl Alcohol
Concen: 16.500 ug/l m
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

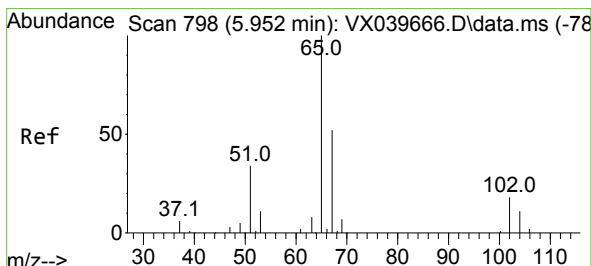
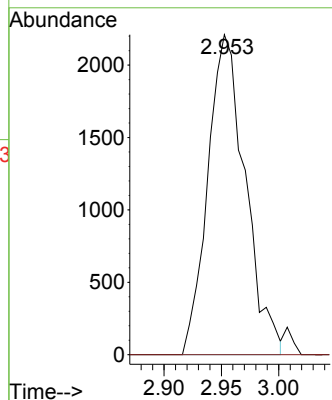
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(MARCH)



Tgt Ion: 59 Resp: 502
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

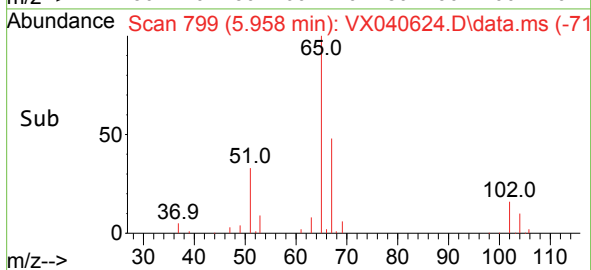
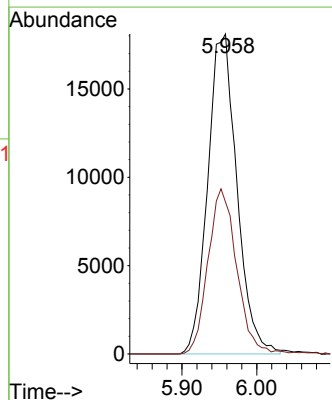
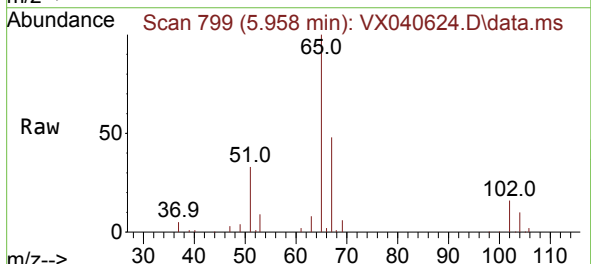
Manual Integrations
APPROVED

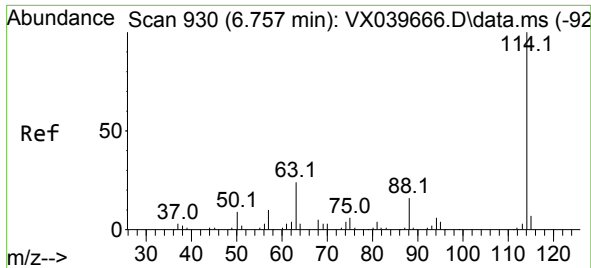
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#27
1,2-Dichloroethane-d4
Concen: 29.515 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

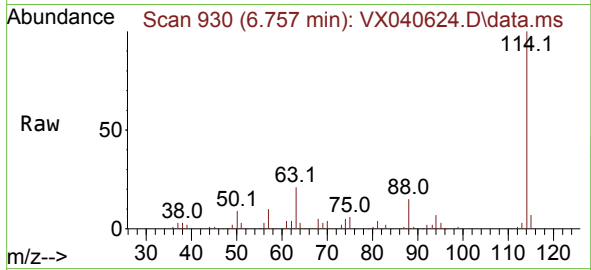
Tgt Ion: 65 Resp: 49104
Ion Ratio Lower Upper
65 100
67 50.3 42.5 63.7





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

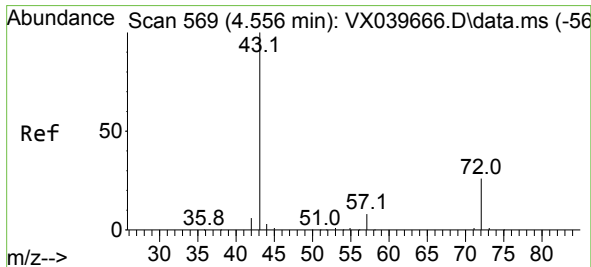
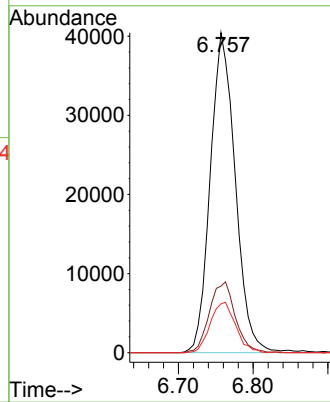
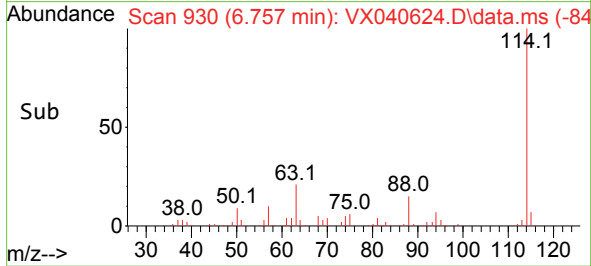
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(MARCH)



Tgt Ion:114 Resp: 9372
Ion Ratio Lower Upper
114 100
63 22.9 17.0 25.4
88 16.0 12.7 19.1

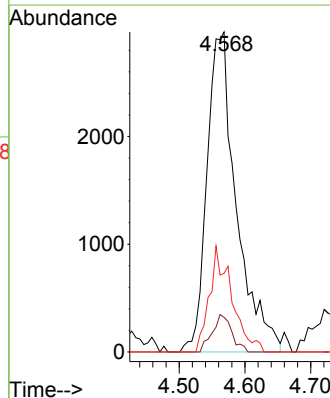
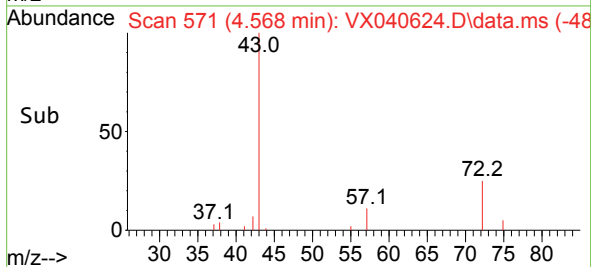
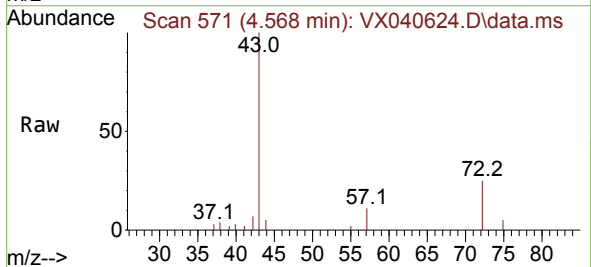
Manual Integrations
APPROVED

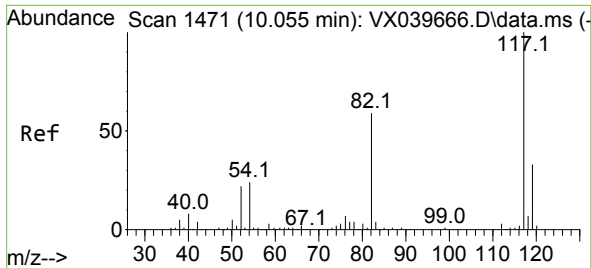
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#30
2-Butanone
Concen: 9.343 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

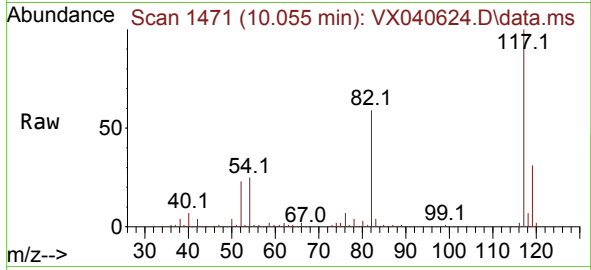
Tgt Ion: 43 Resp: 9249
Ion Ratio Lower Upper
43 100
57 7.2 6.6 10.0
72 10.1 20.6 31.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

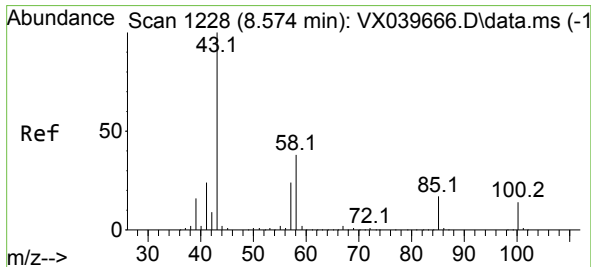
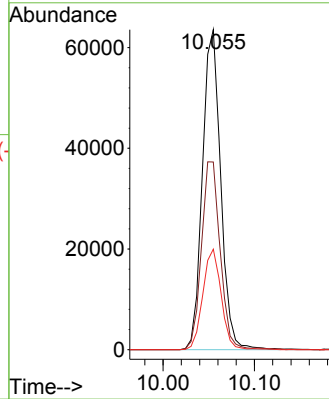
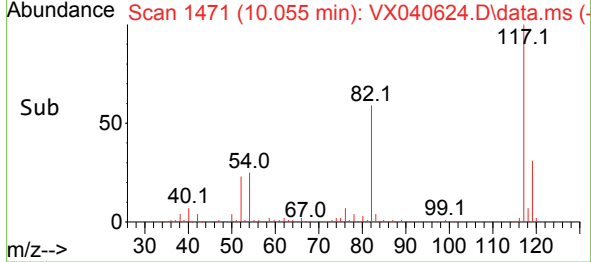
Instrument : MSVOA_X
ClientSampleId : 001-WILLETS-PT-BLVD(MARCH)



Tgt Ion: 117 Resp: 87993
Ion Ratio Lower Upper
117 100
82 60.0 47.0 70.6
119 31.4 25.2 37.8

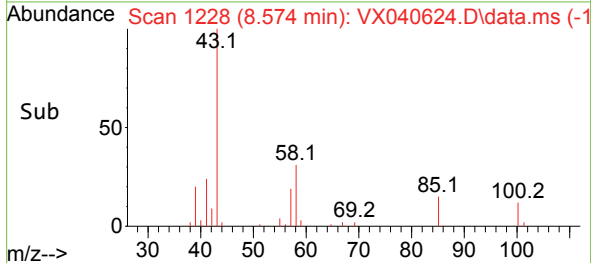
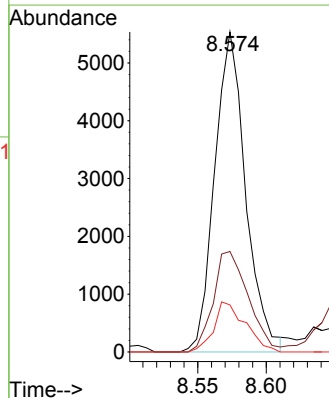
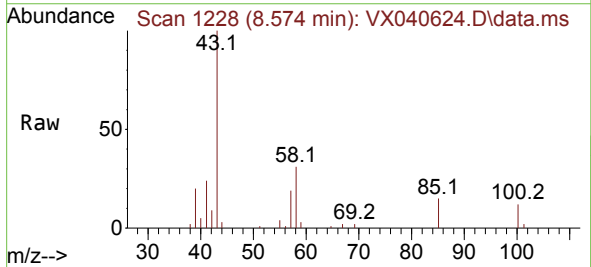
Manual Integrations
APPROVED

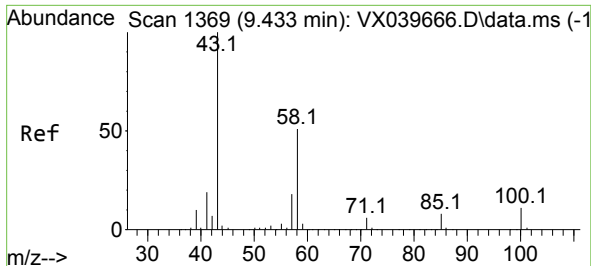
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#58
4-Methyl-2-Pentanone
Concen: 4.443 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

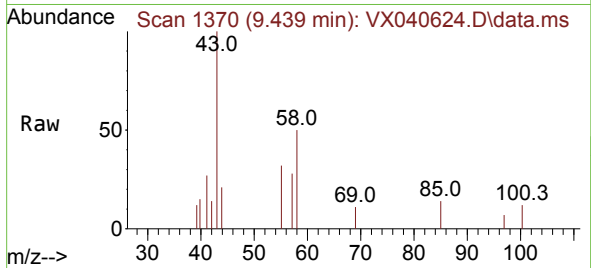
Tgt Ion: 43 Resp: 8706
Ion Ratio Lower Upper
43 100
58 35.6 30.1 45.1
85 15.9 13.9 20.9





#59
2-Hexanone
Concen: 0.820 ug/l
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

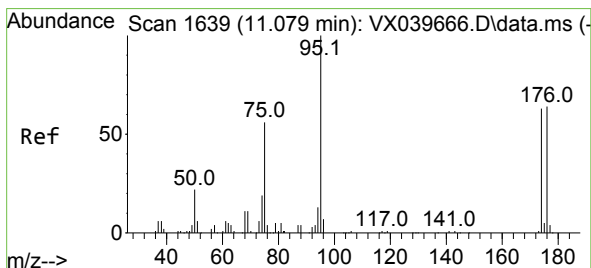
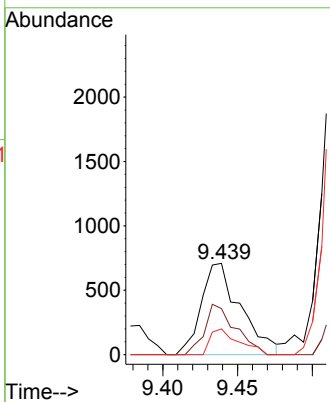
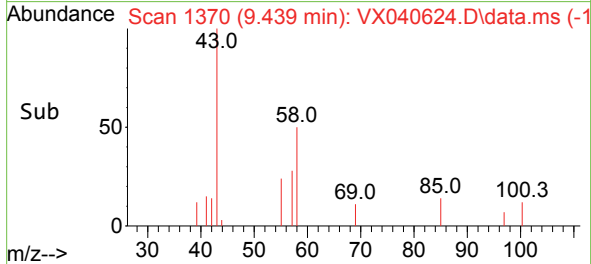
Instrument : MSVOA_X
ClientSampleId : 001-WILLETS-PT-BLVD(MARCH)



Tgt Ion: 43 Resp: 1298
Ion Ratio Lower Upper
43 100
58 43.2 42.7 64.1
57 20.5 14.8 22.2

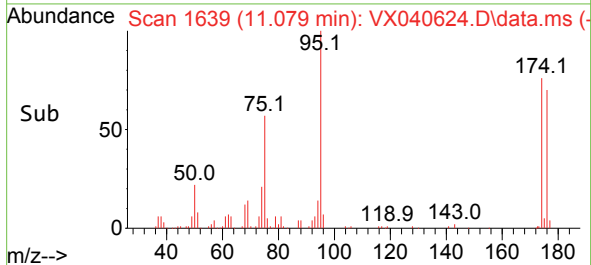
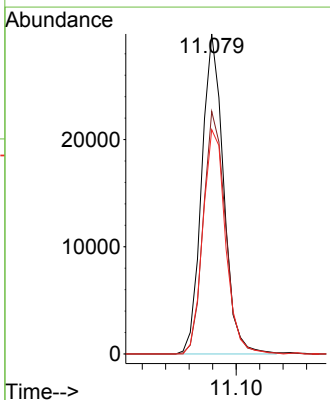
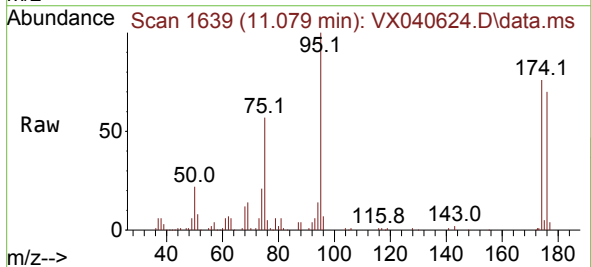
Manual Integrations
APPROVED

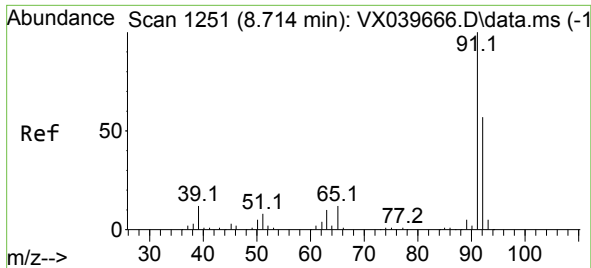
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#60
4-Bromofluorobenzene
Concen: 25.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

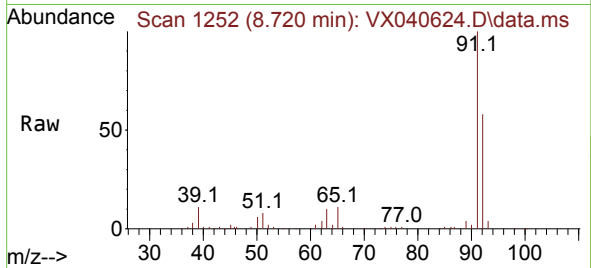
Tgt Ion: 95 Resp: 38626
Ion Ratio Lower Upper
95 100
174 76.6 55.4 83.2
176 72.8 52.6 78.8





#62
Toluene
Concen: 14.906 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

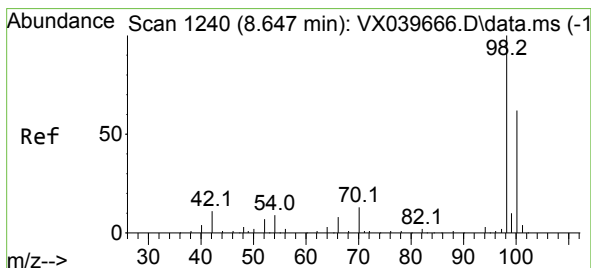
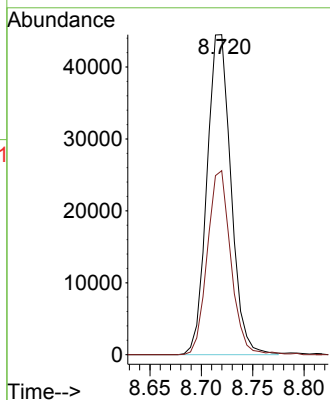
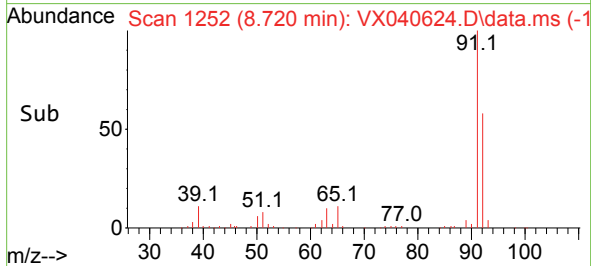
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(MARCH)



Tgt Ion: 91 Resp: 72240
Ion Ratio Lower Upper
91 100
92 56.0 45.9 68.9

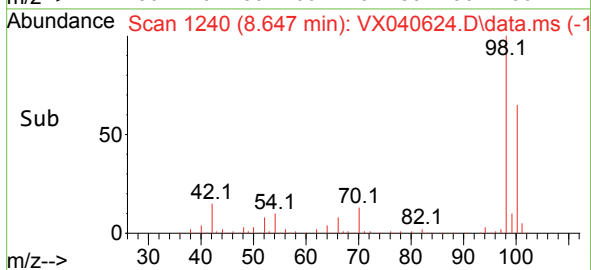
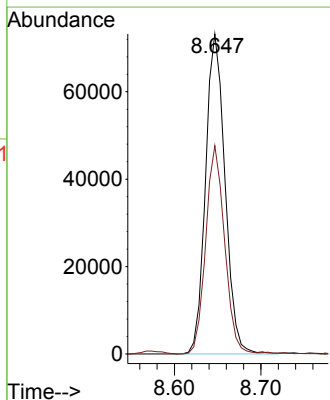
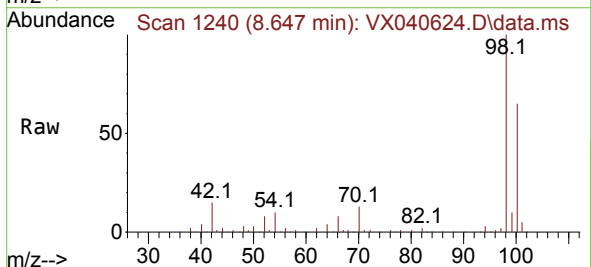
Manual Integrations
APPROVED

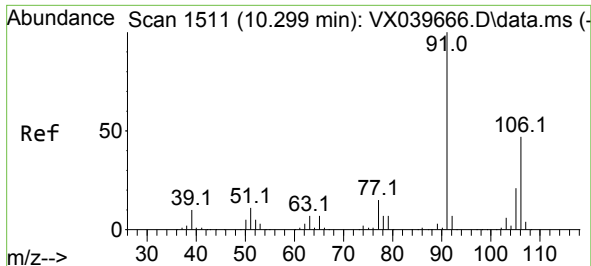
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#63
Toluene-d8
Concen: 29.374 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

Tgt Ion: 98 Resp: 114226
Ion Ratio Lower Upper
98 100
100 63.1 51.0 76.4





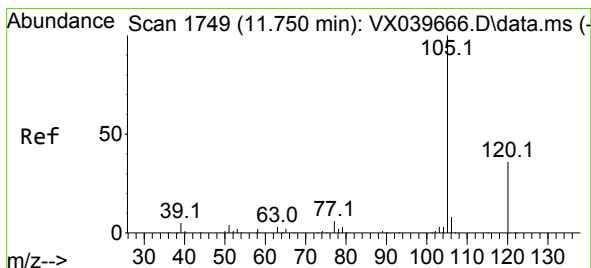
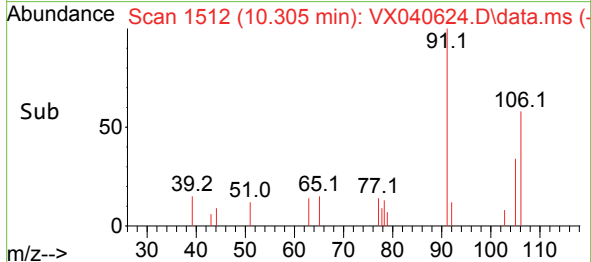
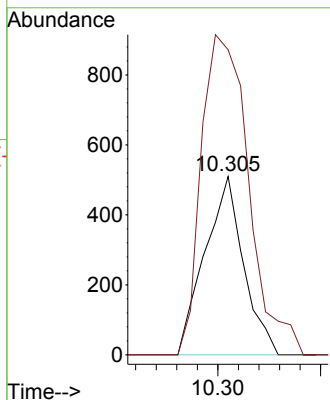
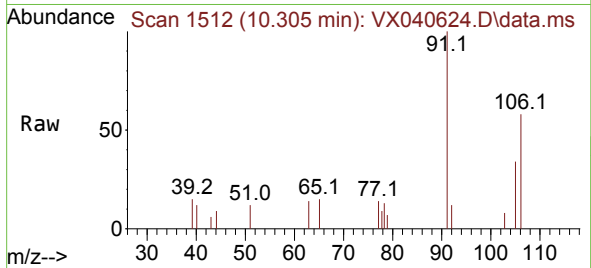
#67
m/p-Xylenes
Concen: 0.322 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(MARCH)

Tgt Ion:106 Resp: 66
Ion Ratio Lower Upper
106 100
91 215.8 169.4 254.0

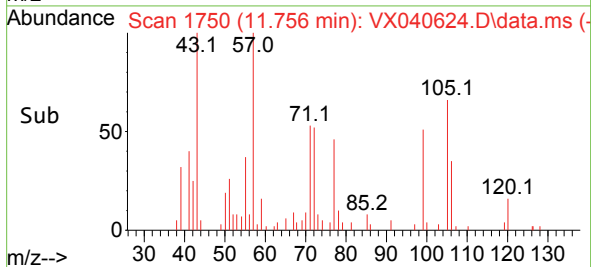
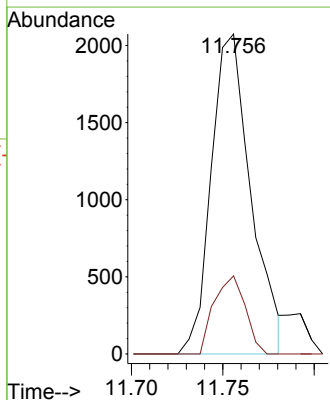
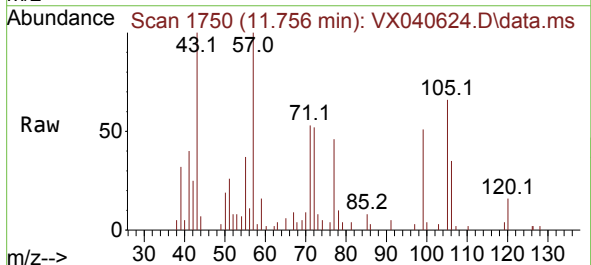
Manual Integrations
APPROVED

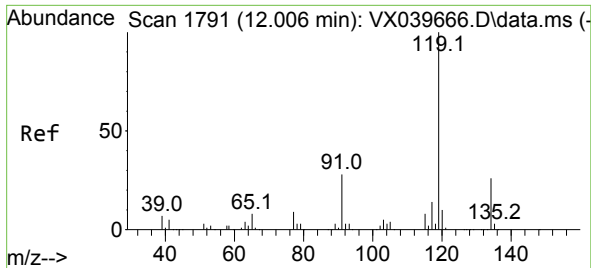
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#80
1,2,4-Trimethylbenzene
Concen: 0.673 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

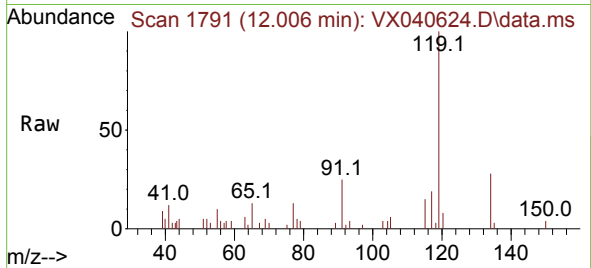
Tgt Ion:105 Resp: 3135
Ion Ratio Lower Upper
105 100
120 19.2 0.0 86.4





#82
p-Isopropyltoluene
Concen: 0.698 ug/l
RT: 12.006 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02

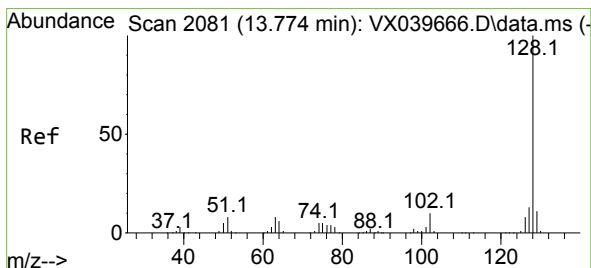
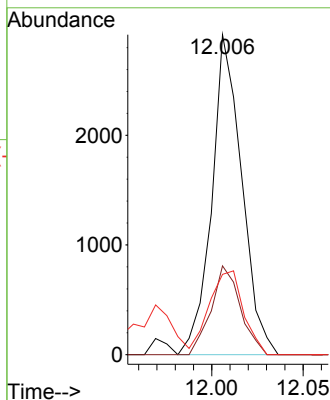
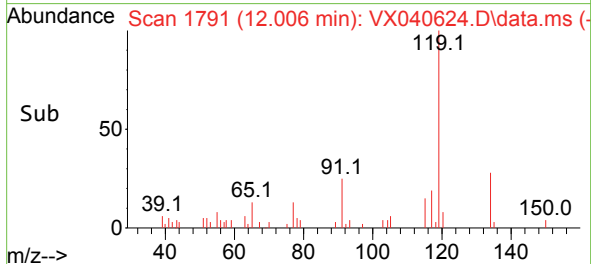
Instrument : MSVOA_X
ClientSampleId : 001-WILLETS-PT-BLVD(MARCH)



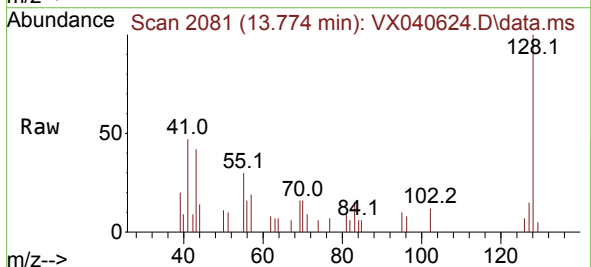
Tgt Ion:119 Resp: 3320
Ion Ratio Lower Upper
119 100
134 27.1 0.0 52.6
91 29.9 0.0 54.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#91
Naphthalene
Concen: 0.285 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040624.D
Acq: 08 Mar 2024 12:02



Tgt Ion:128 Resp: 1502
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 3.5 8.6 12.8#

