

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033663.D
 Acq On : 09 Jan 2023 15:14
 Operator : JC/MD
 Sample : 01059-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jan 10 00:47:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2023
 Supervised By :Mahesh Dadoda 01/11/2023

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

Internal Standards						
1) Bromochloromethane	4.898	128	8297	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	58820	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	95958	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	24002	35.727	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 119.100%#			
60) 4-Bromofluorobenzene	11.079	95	51802	29.952	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.833%			
63) Toluene-d8	8.647	98	63586	20.705	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 69.033%#			
Target Compounds						
					Qvalue	
15) Acetone	2.398	58	45064	455.050	ug/l	96
16) Carbon Disulfide	2.514	76	2465	1.336	ug/l	96
25) Chloroform	5.093	83	808m	0.499	ug/l	
30) 2-Butanone	4.568	43	7786	11.726	ug/l #	96
58) 4-Methyl-2-Pentanone	8.574	43	4948	2.596	ug/l	96
62) Toluene	8.720	91	21563	3.570	ug/l	100
67) m/p-Xylenes	10.305	106	1240	0.466	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	2618	0.472	ug/l	99
82) p-Isopropyltoluene	12.006	119	2292	0.381	ug/l	94

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

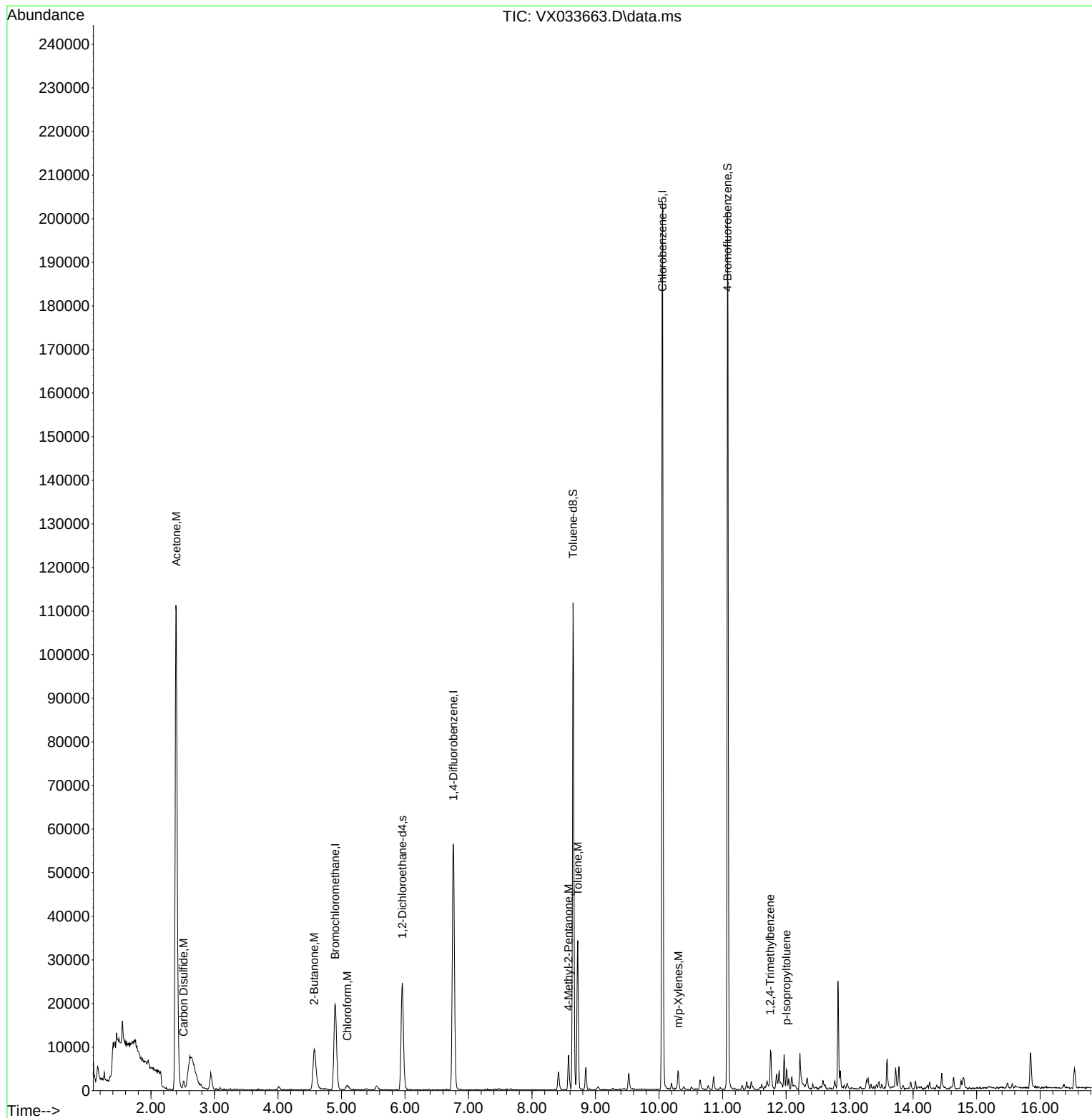
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
Data File : VX033663.D
Acq On : 09 Jan 2023 15:14
Operator : JC/MD
Sample : 01059-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

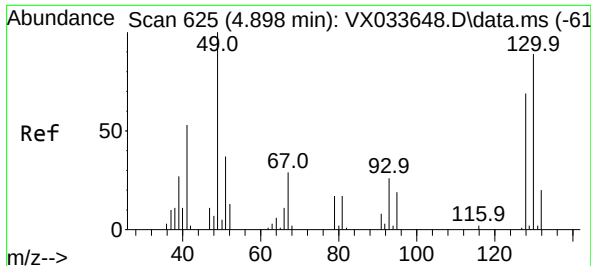
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)

Quant Time: Jan 10 00:47:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
Response via : Initial Calibration

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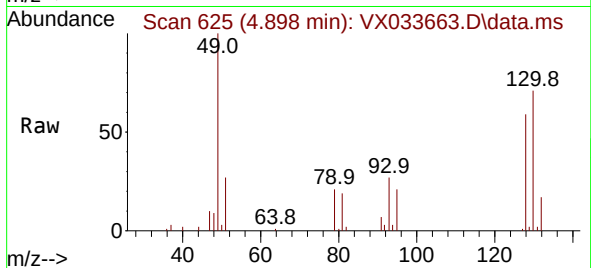
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033663.D
Acq: 09 Jan 2023 15:14

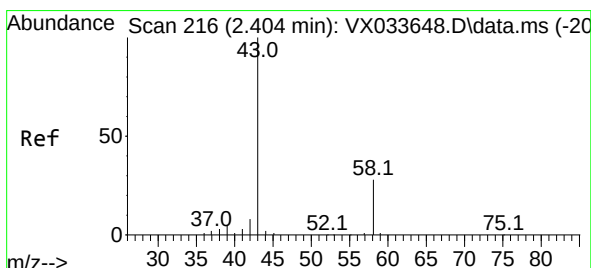
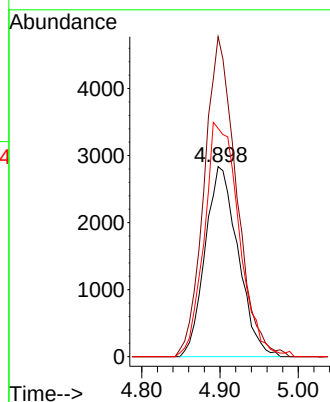
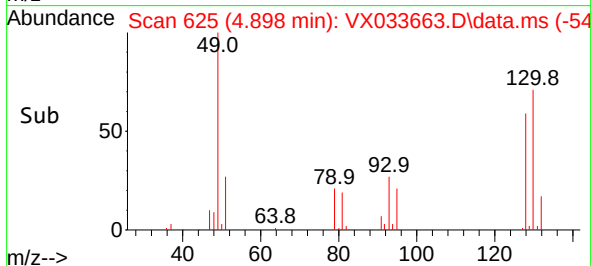
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)



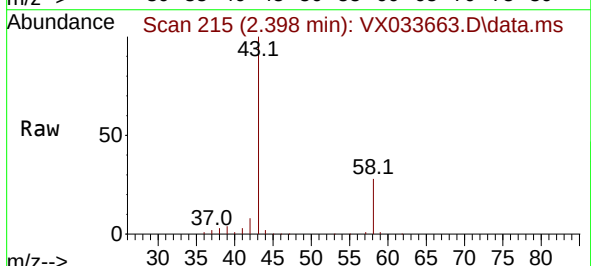
Tgt Ion:128 Resp: 829
Ion Ratio Lower Upper
128 100
49 164.3 0.0 398.5
130 129.4 0.0 329.0

Manual Integrations
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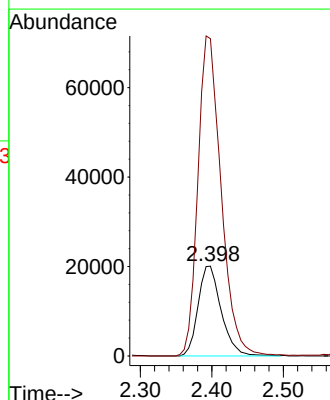
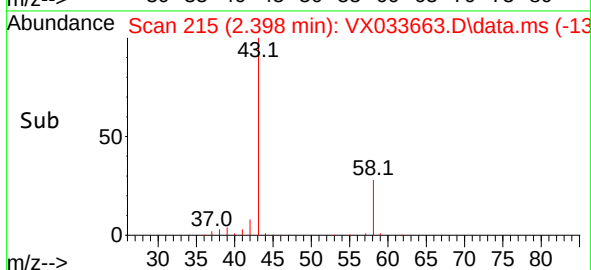
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023

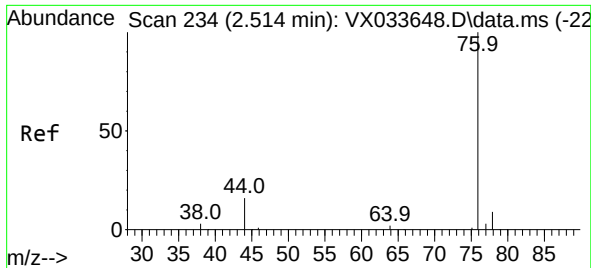


#15
Acetone
Concen: 455.050 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033663.D
Acq: 09 Jan 2023 15:14



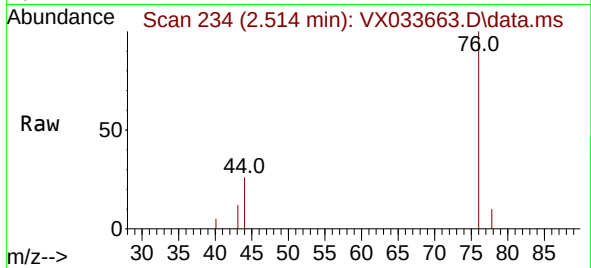
Tgt Ion: 58 Resp: 45064
Ion Ratio Lower Upper
58 100
43 351.9 288.3 432.5





#16
Carbon Disulfide
Concen: 1.336 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033663.D
Acq: 09 Jan 2023 15:14

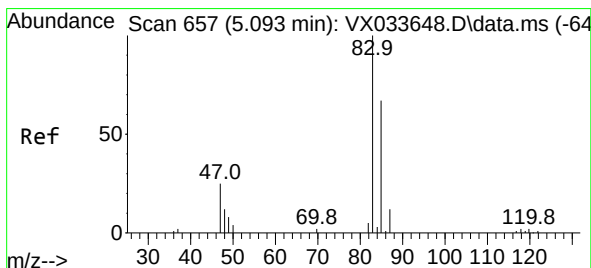
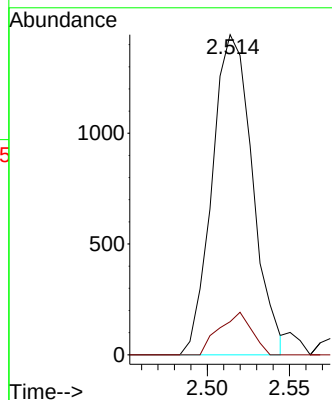
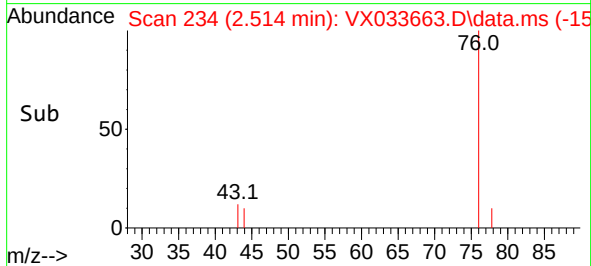
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)



Tgt Ion: 76 Resp: 246
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.4

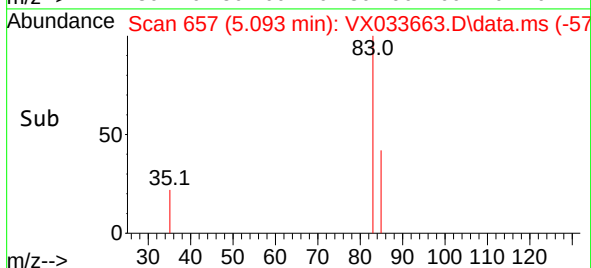
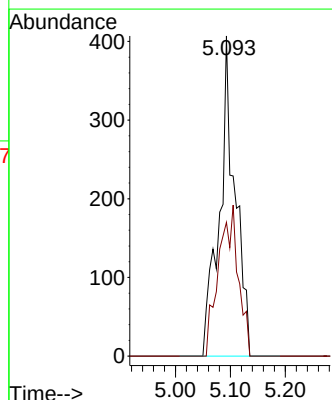
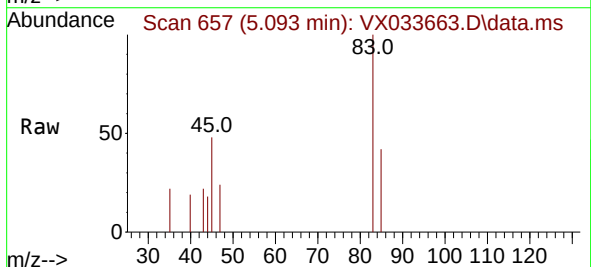
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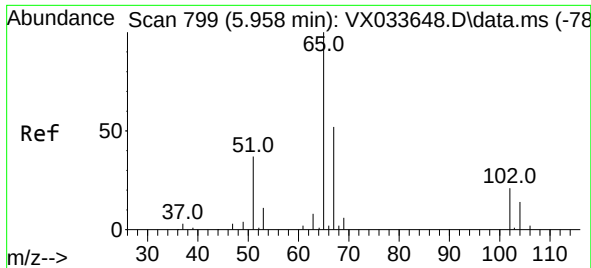
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#25
Chloroform
Concen: 0.499 ug/l m
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX033663.D
Acq: 09 Jan 2023 15:14

Tgt Ion: 83 Resp: 808
Ion Ratio Lower Upper
83 100
85 41.8 53.9 80.9#





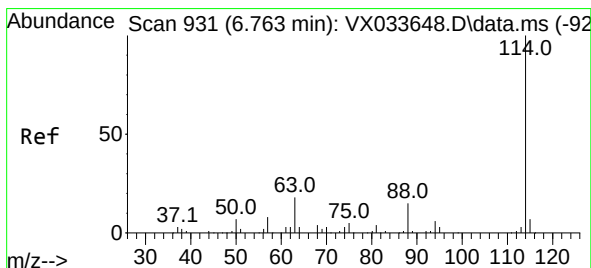
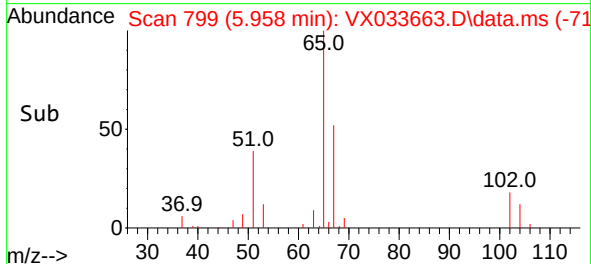
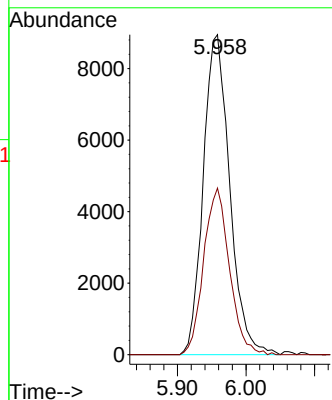
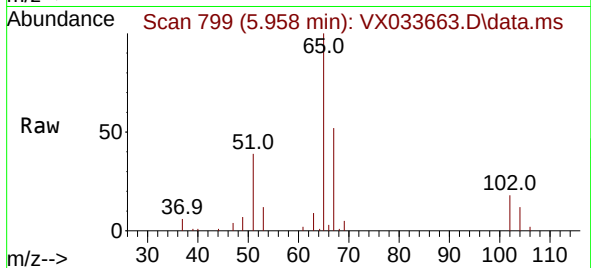
#27
1,2-Dichloroethane-d4
Concen: 35.727 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033663.D
Acq: 09 Jan 2023 15:14

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

Tgt Ion: 65 Resp: 2400
Ion Ratio Lower Upper
65 100
67 50.5 40.4 60.6

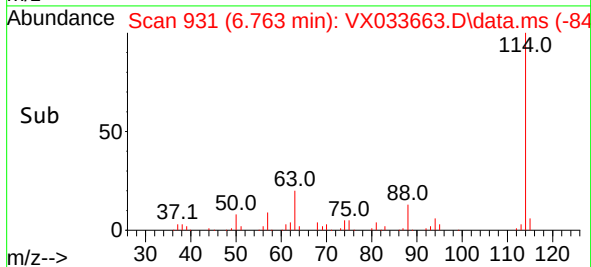
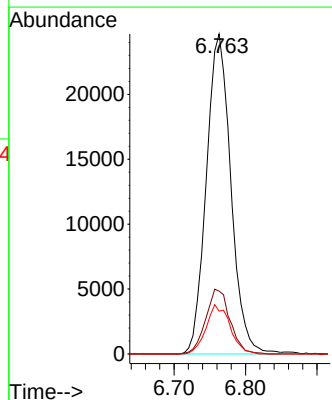
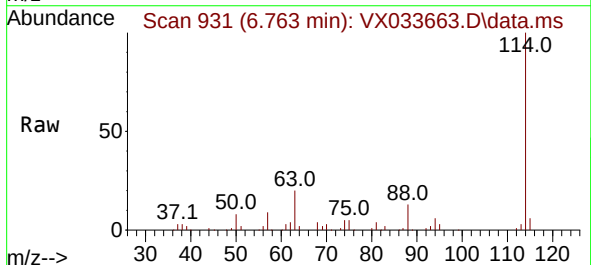
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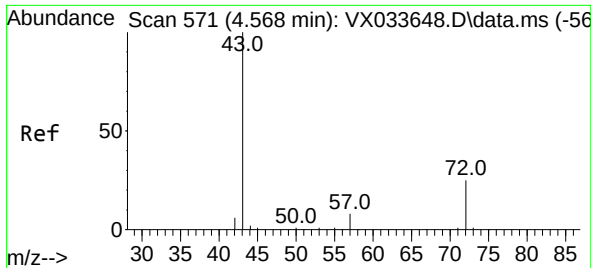
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033663.D
Acq: 09 Jan 2023 15:14

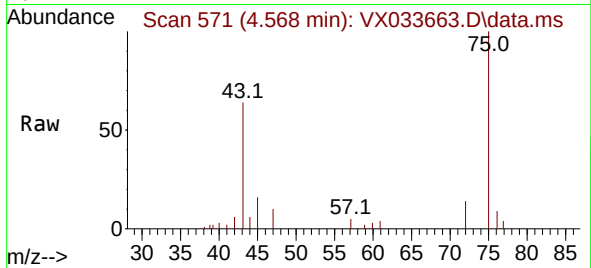
Tgt Ion:114 Resp: 58820
Ion Ratio Lower Upper
114 100
63 19.9 15.5 23.3
88 15.0 12.4 18.6





#30
2-Butanone
Concen: 11.726 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX033663.D
Acq: 09 Jan 2023 15:14

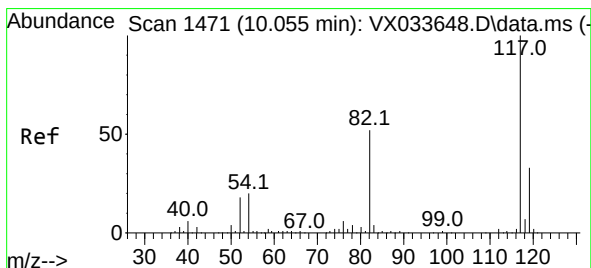
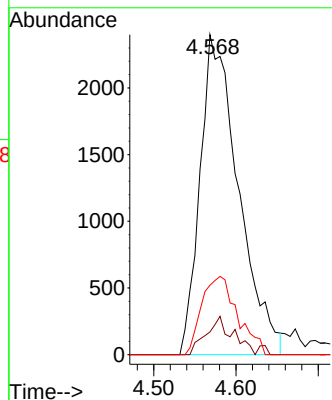
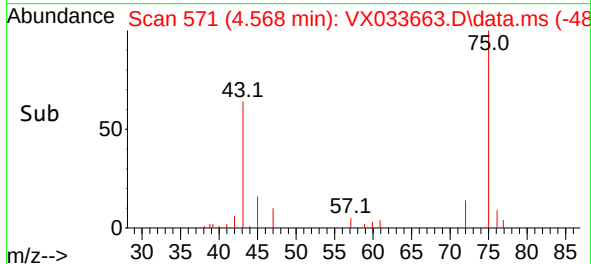
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)



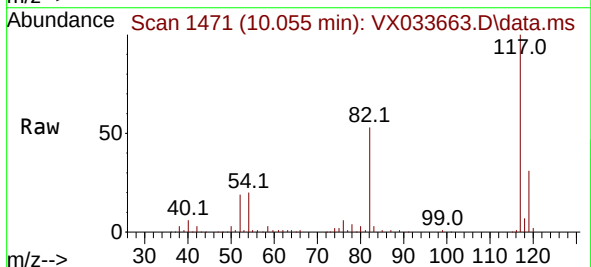
Tgt Ion: 43 Resp: 7780
Ion Ratio Lower Upper
43 100
57 6.2 3.4 5.2
72 22.9 19.8 29.6

Manual Integrations
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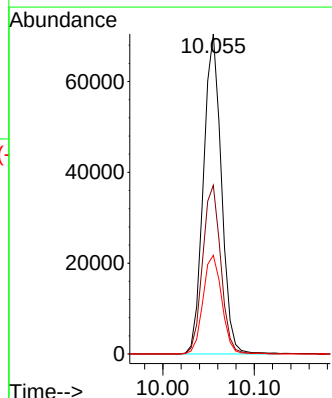
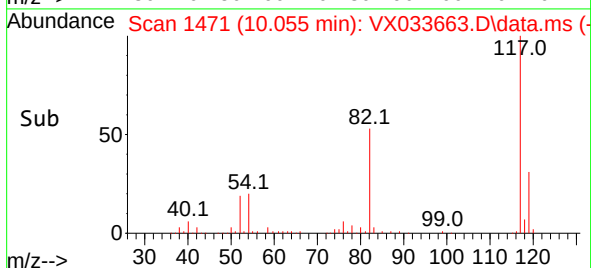
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023

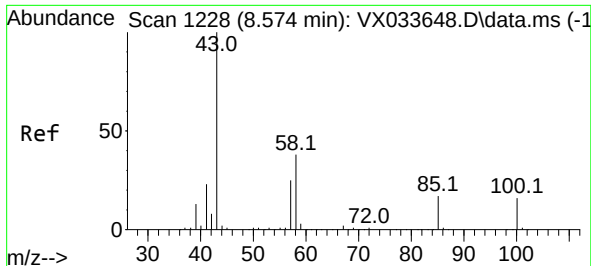


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033663.D
Acq: 09 Jan 2023 15:14



Tgt Ion:117 Resp: 95958
Ion Ratio Lower Upper
117 100
82 53.2 41.9 62.9
119 32.2 25.6 38.4





#58

4-Methyl-2-Pentanone

Concen: 2.596 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033663.D

Acq: 09 Jan 2023 15:14

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JAN)

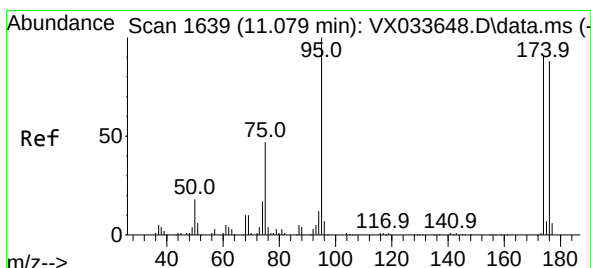
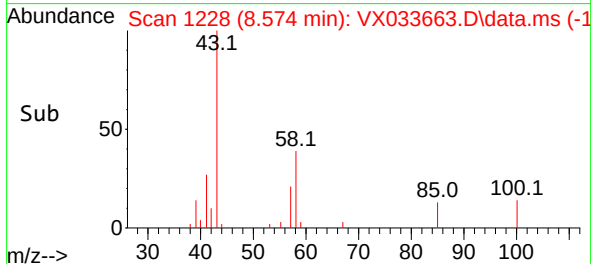
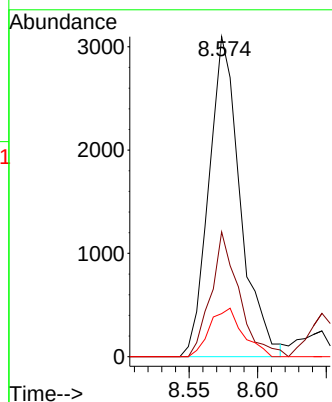
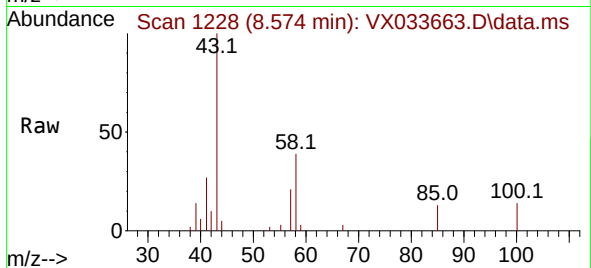
Tgt Ion: 43 Resp: 4948

Ion	Ratio	Lower	Upper
43	100		
58	34.9	30.2	45.4
85	15.9	13.8	20.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#60

4-Bromofluorobenzene

Concen: 29.952 ug/l

RT: 11.079 min Scan# 1639

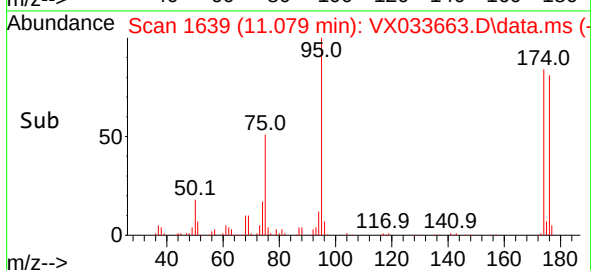
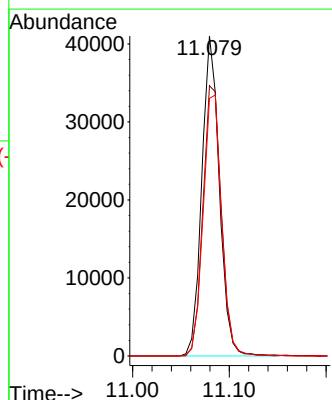
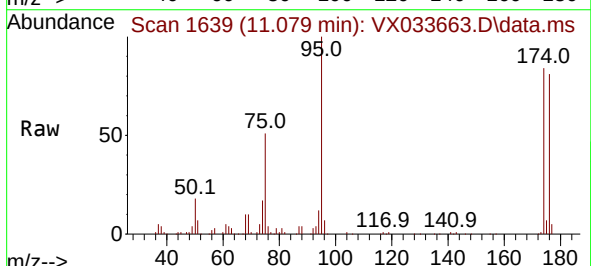
Delta R.T. 0.000 min

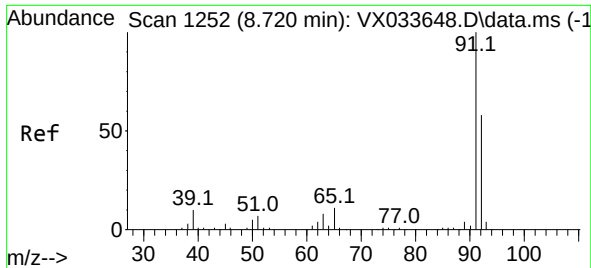
Lab File: VX033663.D

Acq: 09 Jan 2023 15:14

Tgt Ion: 95 Resp: 51802

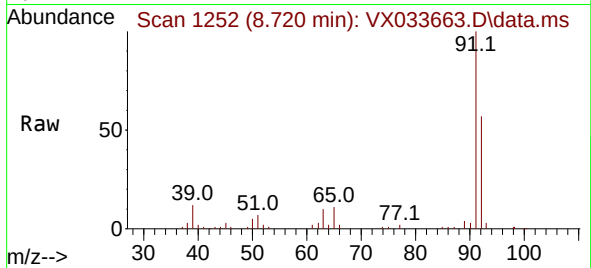
Ion	Ratio	Lower	Upper
95	100		
174	88.7	73.7	110.5
176	86.2	71.0	106.4





#62
Toluene
Concen: 3.570 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033663.D
Acq: 09 Jan 2023 15:14

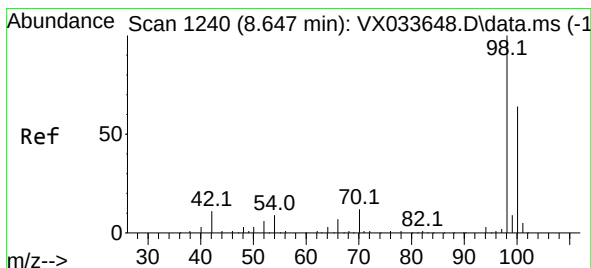
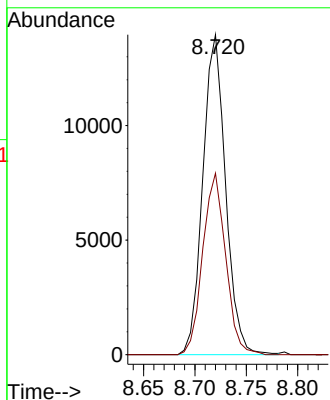
Instrument : MSVOA_X
ClientSampleId : 001-WILLETS-PT-BLVD(JAN)



Tgt Ion: 91 Resp: 2156
Ion Ratio Lower Upper
91 100
92 57.0 45.8 68.8

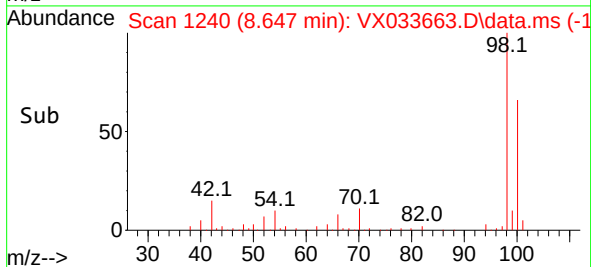
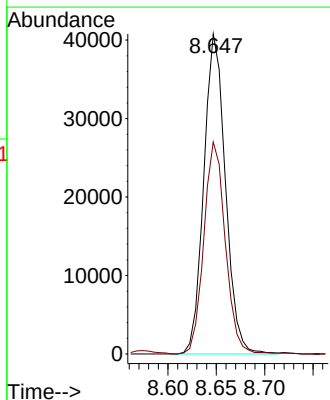
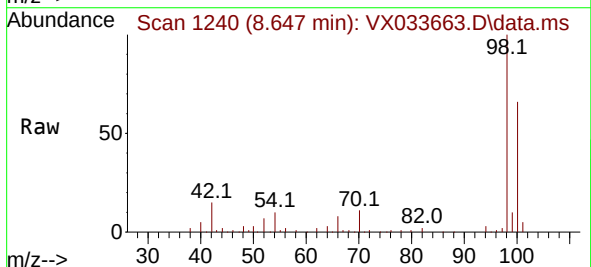
Manual Integrations
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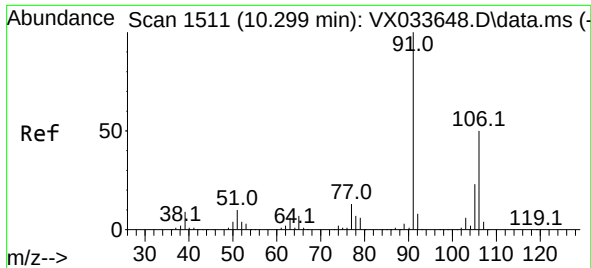
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#63
Toluene-d8
Concen: 20.705 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033663.D
Acq: 09 Jan 2023 15:14

Tgt Ion: 98 Resp: 63586
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7





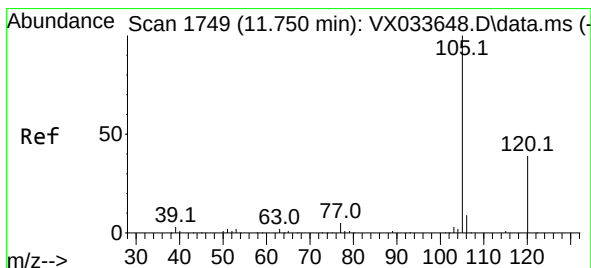
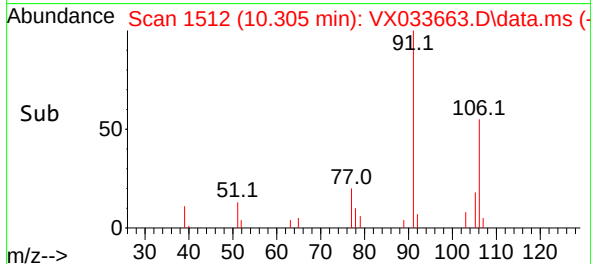
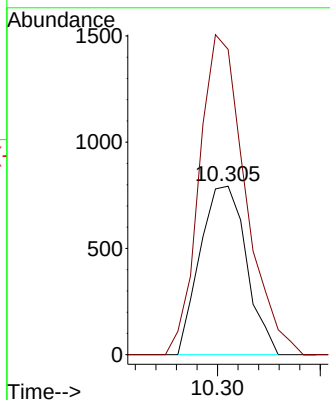
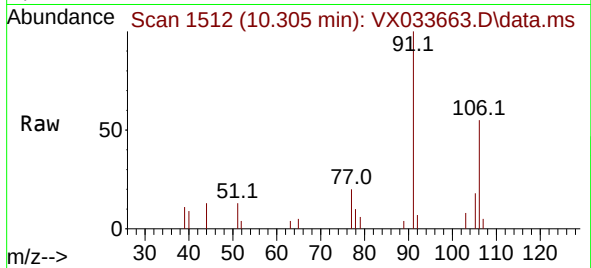
#67
m/p-Xylenes
Concen: 0.466 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX033663.D
Acq: 09 Jan 2023 15:14

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

Tgt Ion:106 Resp: 1240
Ion Ratio Lower Upper
106 100
91 189.4 157.3 235.9

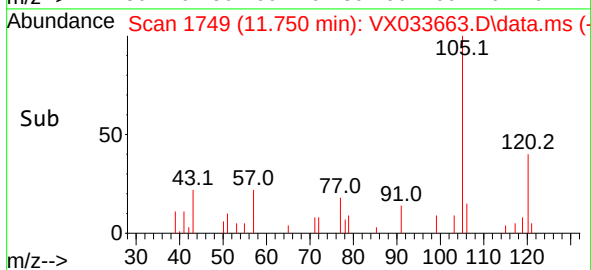
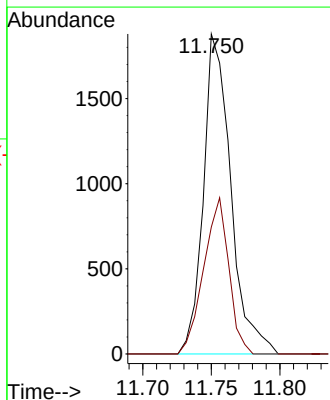
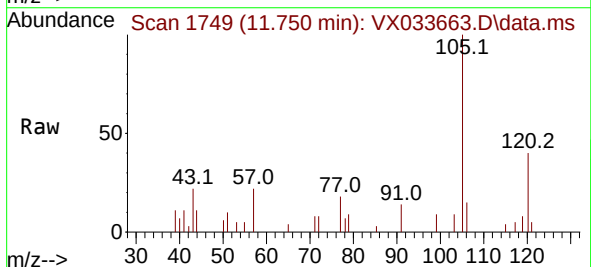
Manual Integrations
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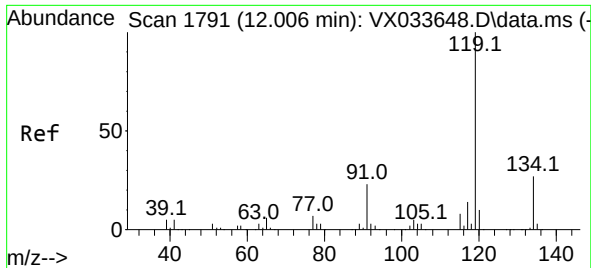
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#80
1,2,4-Trimethylbenzene
Concen: 0.472 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033663.D
Acq: 09 Jan 2023 15:14

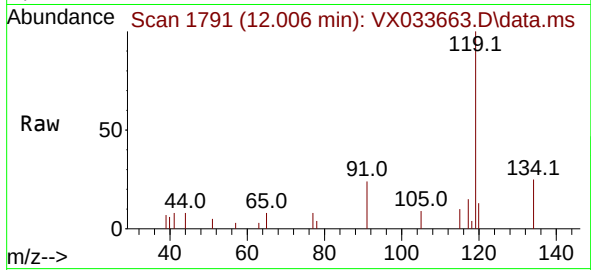
Tgt Ion:105 Resp: 2618
Ion Ratio Lower Upper
105 100
120 44.8 0.0 91.2





#82
 p-Isopropyltoluene
 Concen: 0.381 ug/l
 RT: 12.006 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VX033663.D
 Acq: 09 Jan 2023 15:14

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



Tgt Ion:119 Resp: 229

Ion	Ratio	Lower	Upper
119	100		
134	28.0	0.0	54.4
91	27.7	0.0	45.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2023
 Supervised By :Mahesh Dadoda 01/11/2023

