

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
 Data File : VX044705.D
 Acq On : 23 Jan 2025 11:39
 Operator : JC/MD
 Sample : Q1145-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025

Quant Time: Jan 24 03:16:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	29592	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	163912	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	147341	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	79087	27.684	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	92.267%		
60) 4-Bromofluorobenzene	11.079	95	83262	29.094	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.967%		
63) Toluene-d8	8.641	98	247255	30.853	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.833%		
Target Compounds						
15) Acetone	2.374	58	6884	22.063	ug/l	90
16) Carbon Disulfide	2.508	76	1738	0.286	ug/l	96
30) 2-Butanone	4.587	43	6450m	4.118	ug/l	
58) 4-Methyl-2-Pentanone	8.580	43	4622	1.488	ug/l	96
62) Toluene	8.714	91	311642	32.122	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	2730	0.339	ug/l	97
82) p-Isopropyltoluene	12.006	119	8221	1.021	ug/l	95
91) Naphthalene	13.780	128	2313	0.245	ug/l	99

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

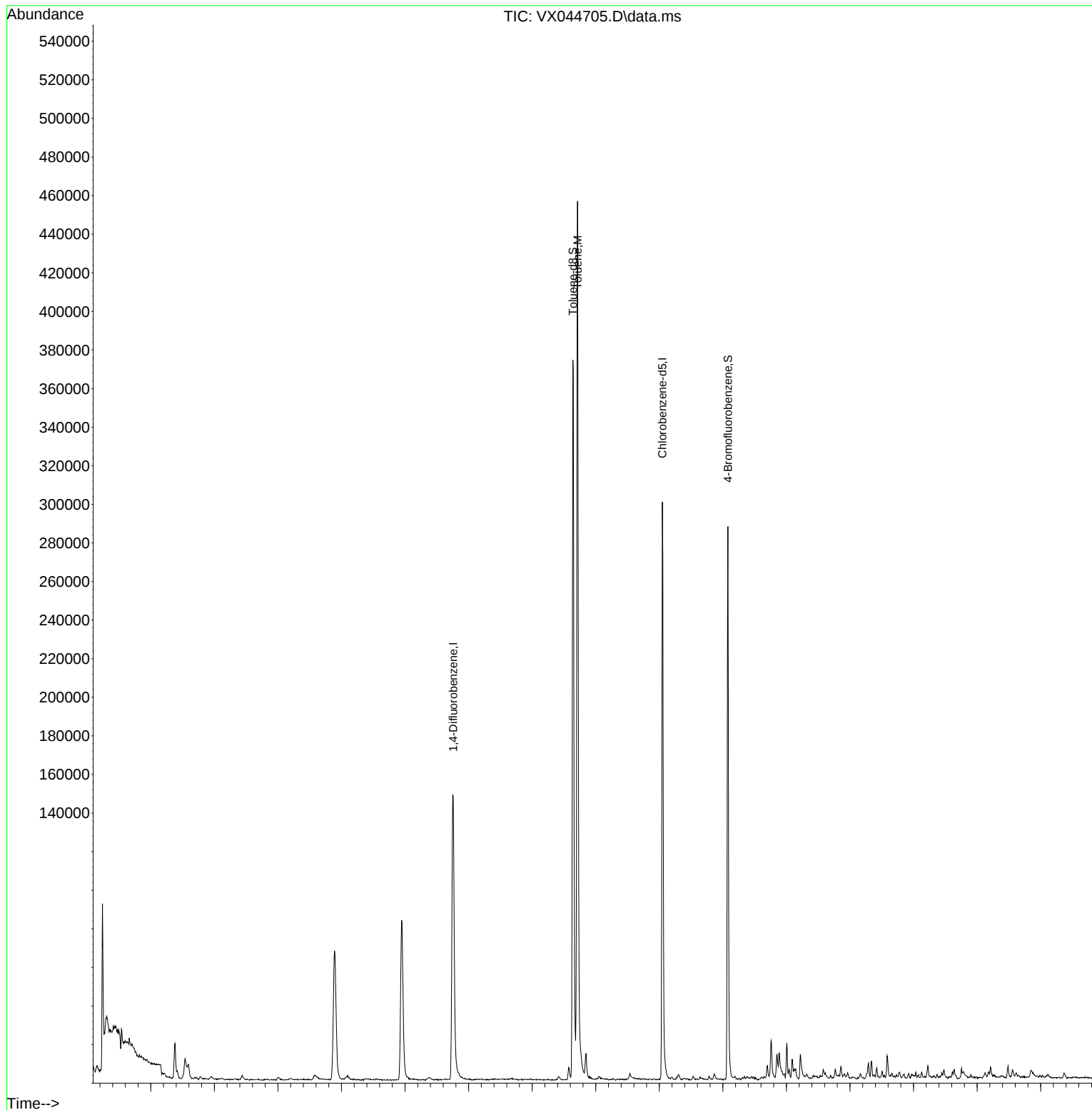
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044705.D
Acq On : 23 Jan 2025 11:39
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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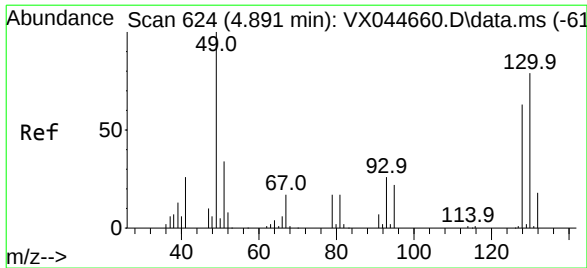
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)

Quant Time: Jan 24 03:16:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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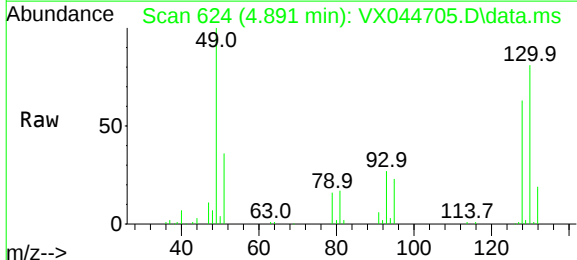
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

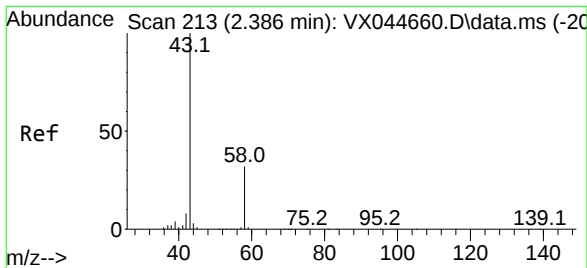
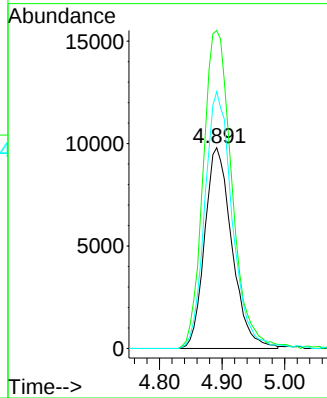
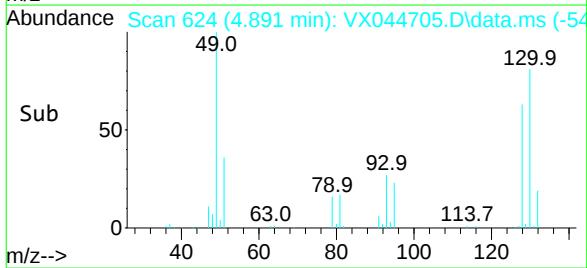
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)



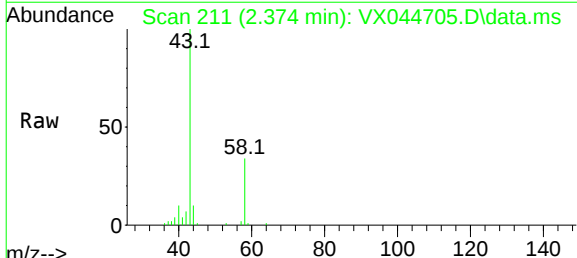
Tgt Ion:128 Resp: 29592
Ion Ratio Lower Upper
128 100
49 165.4 0.0 411.5
130 128.7 0.0 324.3

Manual Integrations
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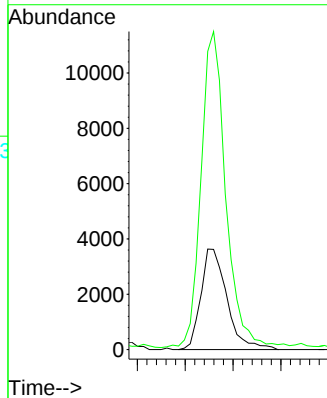
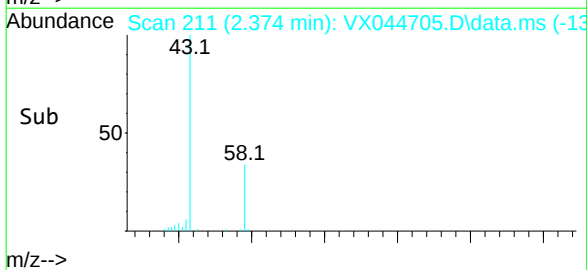
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

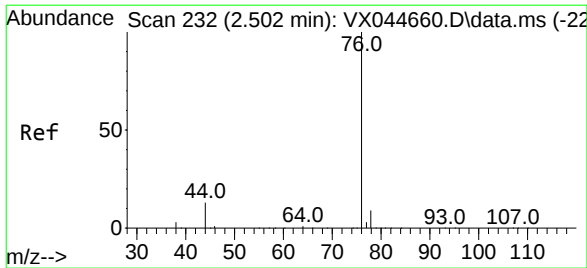


#15
Acetone
Concen: 22.063 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39



Tgt Ion: 58 Resp: 6884
Ion Ratio Lower Upper
58 100
43 293.1 251.0 376.4





#16

Carbon Disulfide

Concen: 0.286 ug/l

RT: 2.508 min Scan# 23

Delta R.T. 0.006 min

Lab File: VX044705.D

Acq: 23 Jan 2025 11:39

Instrument :

MSVOA_X

ClientSampleId :

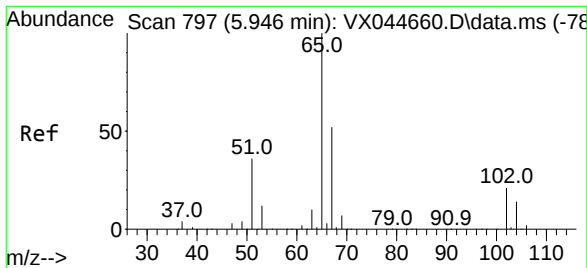
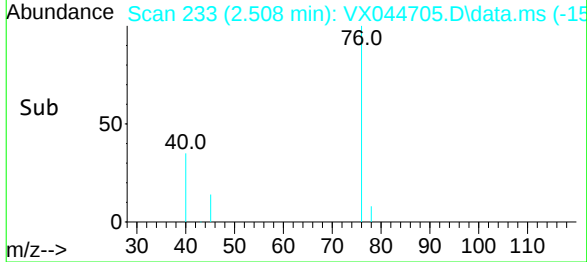
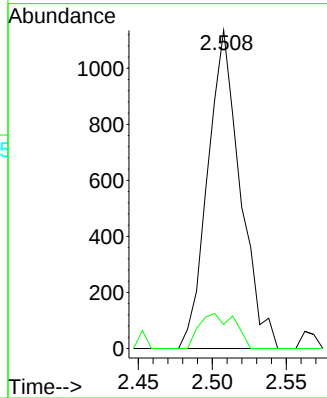
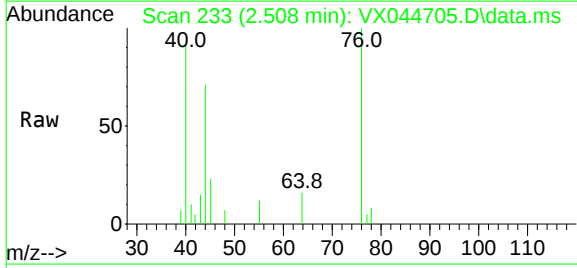
001-WILLETS PT BLVD(DEC)

Tgt Ion:	76	Resp:	1738
Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.3	10.9

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#27

1,2-Dichloroethane-d4

Concen: 27.684 ug/l

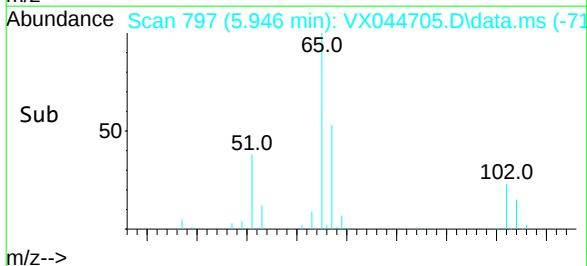
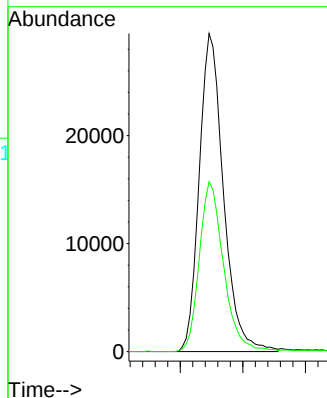
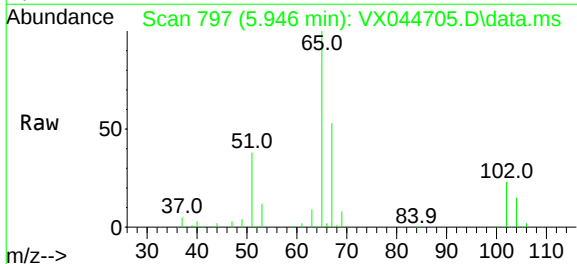
RT: 5.946 min Scan# 797

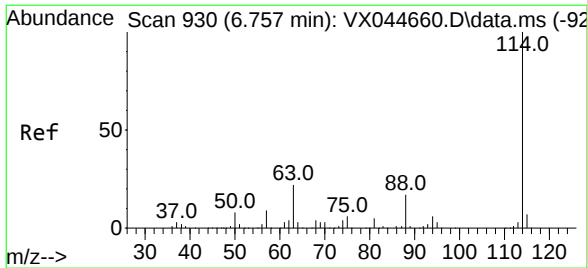
Delta R.T. 0.000 min

Lab File: VX044705.D

Acq: 23 Jan 2025 11:39

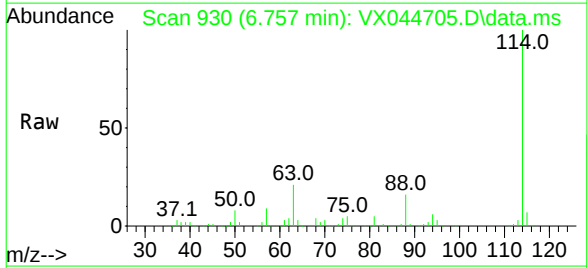
Tgt Ion:	65	Resp:	79087
Ion	Ratio	Lower	Upper
65	100		
67	53.0	41.4	62.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

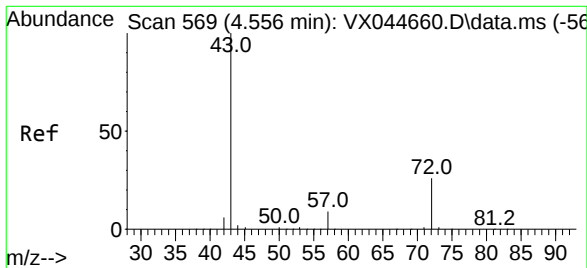
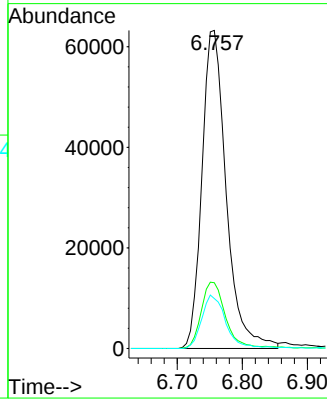
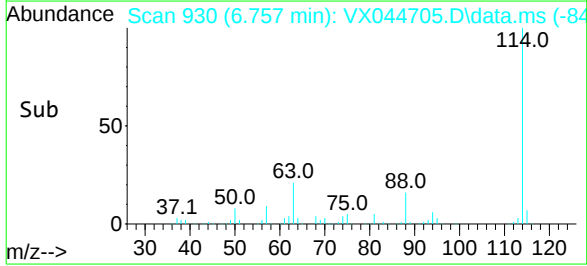
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)



Tgt Ion:114 Resp: 163912
Ion Ratio Lower Upper
114 100
63 20.6 16.6 24.8
88 16.4 13.4 20.2

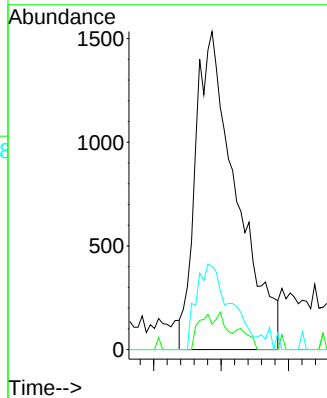
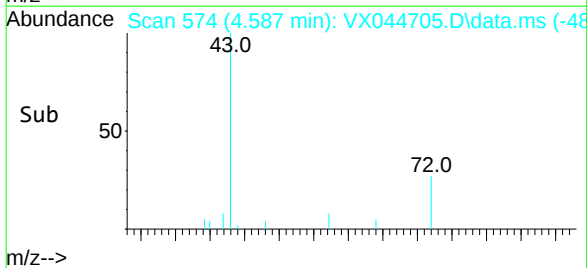
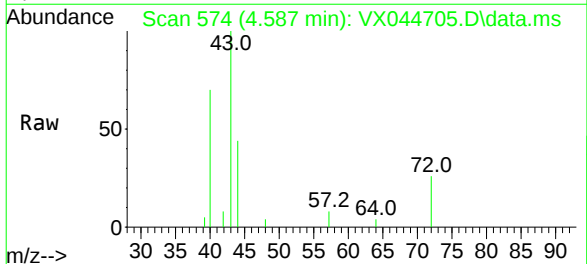
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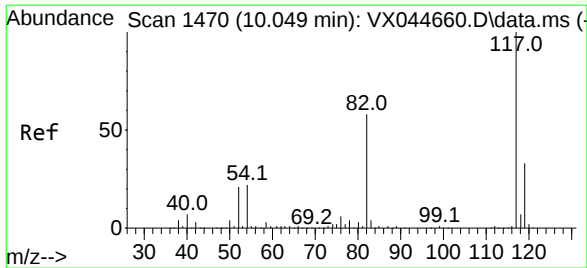
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#30
2-Butanone
Concen: 4.118 ug/l m
RT: 4.587 min Scan# 574
Delta R.T. 0.031 min
Lab File: VX044705.D
Acq: 23 Jan 2025 11:39

Tgt Ion: 43 Resp: 6450
Ion Ratio Lower Upper
43 100
57 0.0 6.4 9.6#
72 0.0 21.5 32.3#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044705.D

Acq: 23 Jan 2025 11:39

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS PT BLVD(DEC)

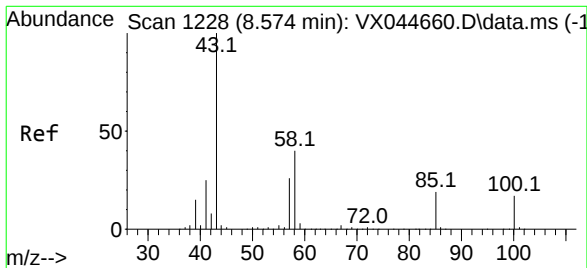
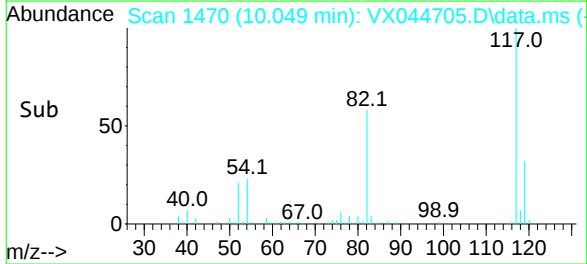
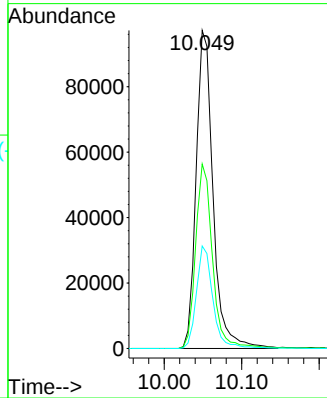
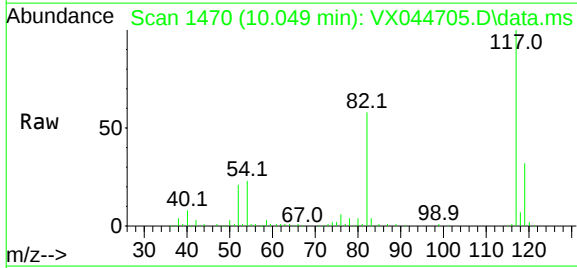
Tgt Ion:	117	Resp:	147341
Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.8	68.6
119	31.2	25.8	38.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/24/2025



#58

4-Methyl-2-Pentanone

Concen: 1.488 ug/l

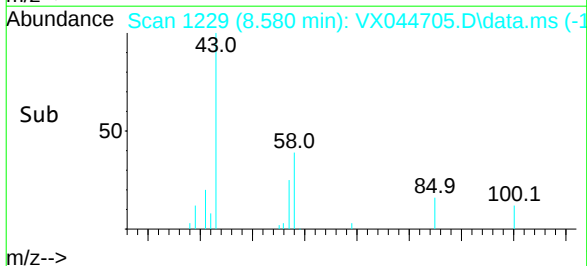
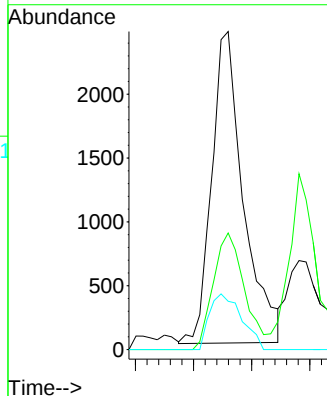
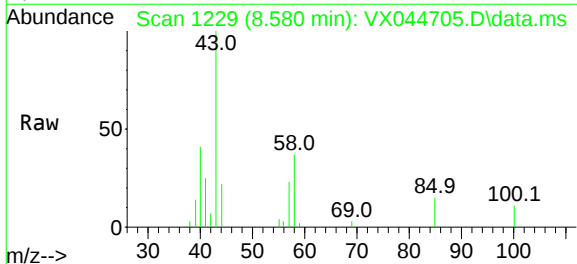
RT: 8.580 min Scan# 1229

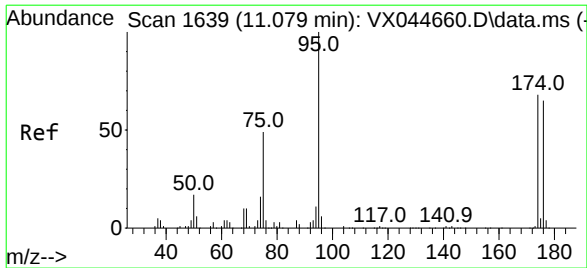
Delta R.T. 0.006 min

Lab File: VX044705.D

Acq: 23 Jan 2025 11:39

Tgt Ion:	43	Resp:	4622
Ion	Ratio	Lower	Upper
43	100		
58	36.5	31.7	47.5
85	18.2	15.0	22.6





#60

4-Bromofluorobenzene

Concen: 29.094 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044705.D

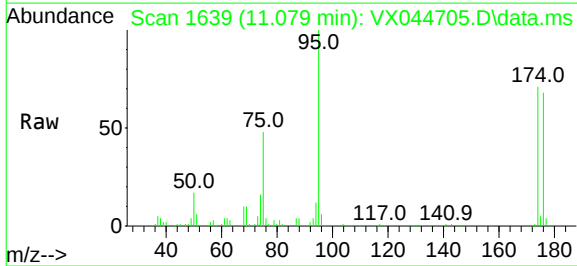
Acq: 23 Jan 2025 11:39

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS PT BLVD(DEC)



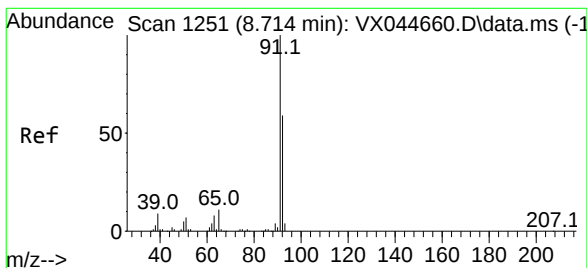
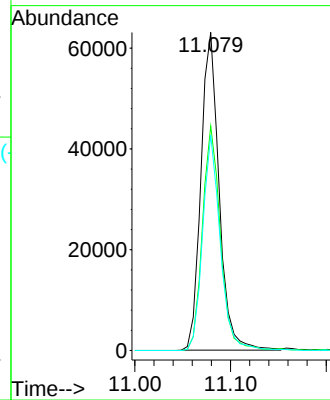
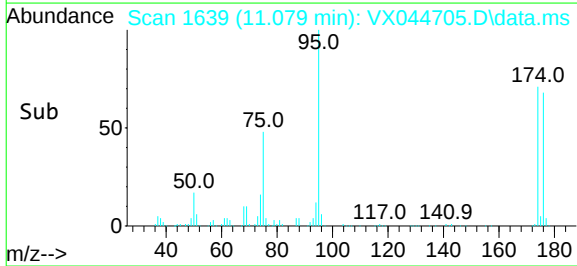
Tgt Ion:	95	Resp:	83262
Ion	Ratio	Lower	Upper
95	100		
174	69.6	54.6	81.8
176	65.7	52.8	79.2

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Supervised By :Semsettin Yesilyurt 01/24/2025



#62

Toluene

Concen: 32.122 ug/l

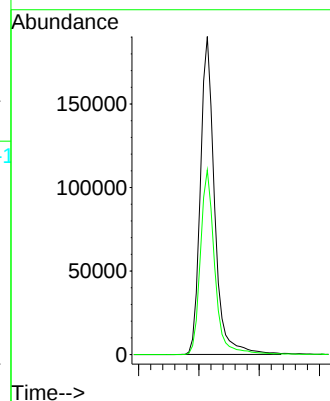
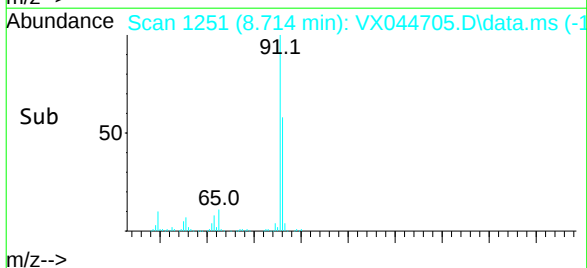
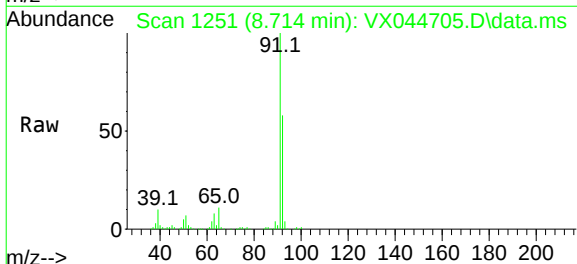
RT: 8.714 min Scan# 1251

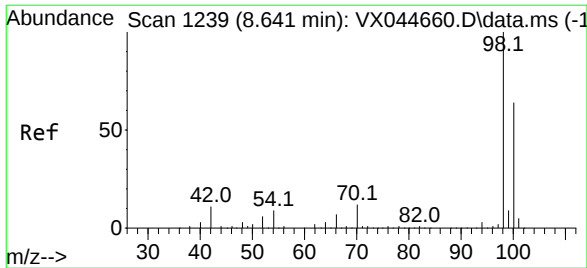
Delta R.T. 0.000 min

Lab File: VX044705.D

Acq: 23 Jan 2025 11:39

Tgt Ion:	91	Resp:	311642
Ion	Ratio	Lower	Upper
91	100		
92	58.5	47.3	70.9





#63

Toluene-d8

Concen: 30.853 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VX044705.D

Acq: 23 Jan 2025 11:39

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS PT BLVD(DEC)

Tgt Ion: 98 Resp: 247255

Ion Ratio Lower Upper

98 100

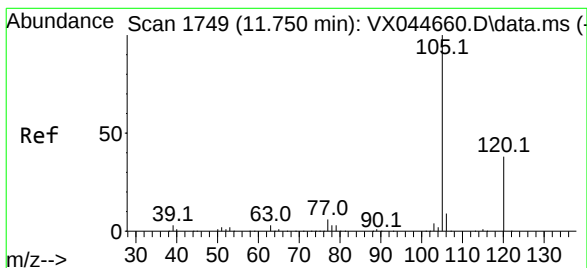
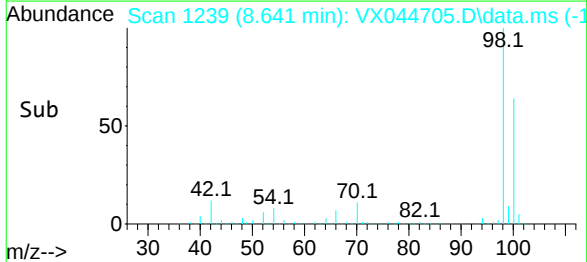
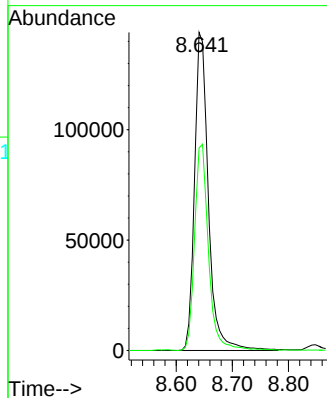
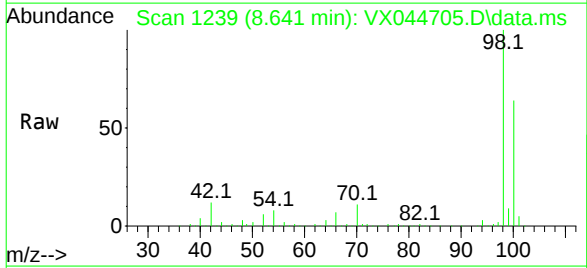
100 64.9 53.6 80.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/24/2025



#80

1,2,4-Trimethylbenzene

Concen: 0.339 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044705.D

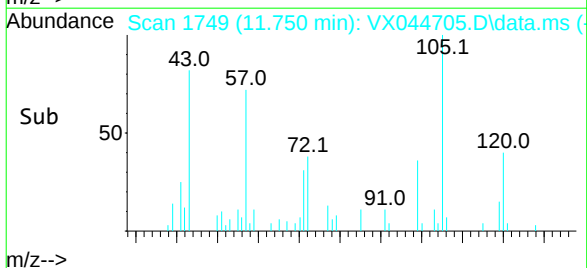
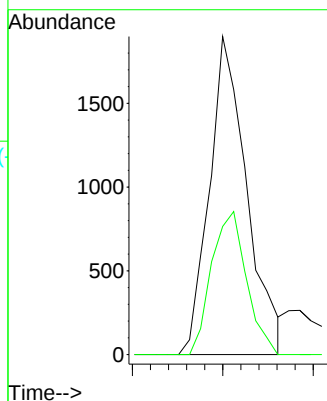
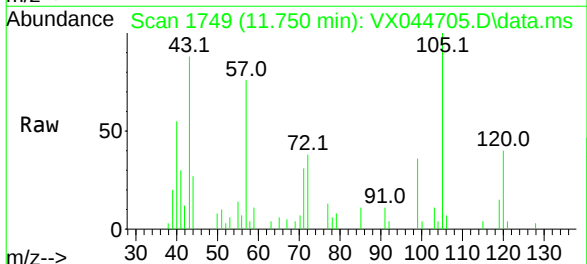
Acq: 23 Jan 2025 11:39

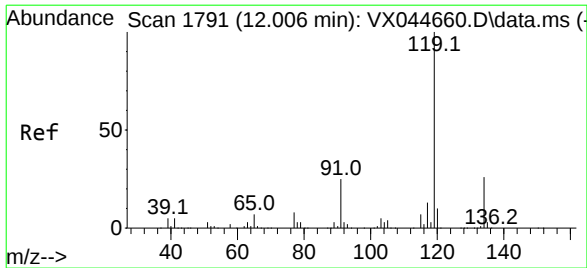
Tgt Ion:105 Resp: 2730

Ion Ratio Lower Upper

105 100

120 42.0 0.0 88.4





#82

p-Isopropyltoluene

Concen: 1.021 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044705.D

Acq: 23 Jan 2025 11:39

Instrument :

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ClientSampleId :

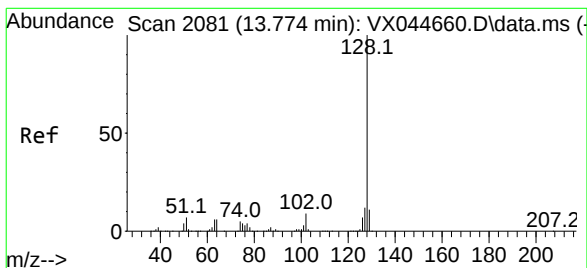
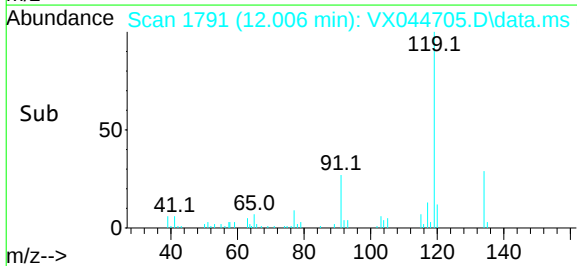
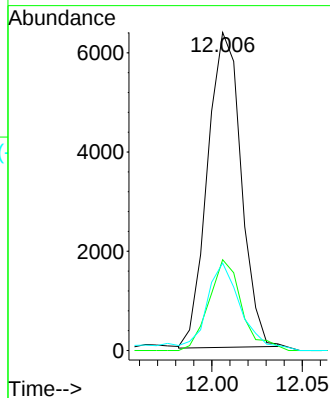
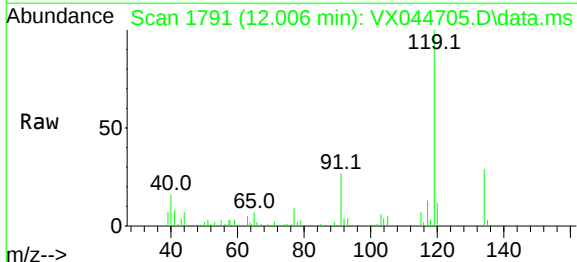
001-WILLETS PT BLVD(DEC)

Tgt	Ion:119	Resp:	8221
Ion	Ratio	Lower	Upper
119	100		
134	28.0	0.0	52.2
91	27.9	0.0	50.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/24/2025



#91

Naphthalene

Concen: 0.245 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044705.D

Acq: 23 Jan 2025 11:39

Tgt	Ion:128	Resp:	2313
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.8	9.0	13.6

