

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
 Data File : VX044703.D
 Acq On : 23 Jan 2025 10:54
 Operator : JC/MD
 Sample : Q1145-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 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 03:15:24 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	28687	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	160245	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	140501	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.940	65	74886	27.040	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	90.133%#		
60) 4-Bromofluorobenzene	11.079	95	80502	29.499	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.333%		
63) Toluene-d8	8.641	98	235478	30.814	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.700%		
Target Compounds						
					Qvalue	
15) Acetone	2.380	58	6157	20.356	ug/l	98
16) Carbon Disulfide	2.508	76	1959	0.333	ug/l	99
30) 2-Butanone	4.587	43	5564m	3.634	ug/l	
58) 4-Methyl-2-Pentanone	8.574	43	4551	1.537	ug/l #	87
62) Toluene	8.714	91	297500	32.157	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	2572	0.335	ug/l	96
82) p-Isopropyltoluene	12.006	119	7853	1.023	ug/l	98
91) Naphthalene	13.780	128	2828	0.314	ug/l	97

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

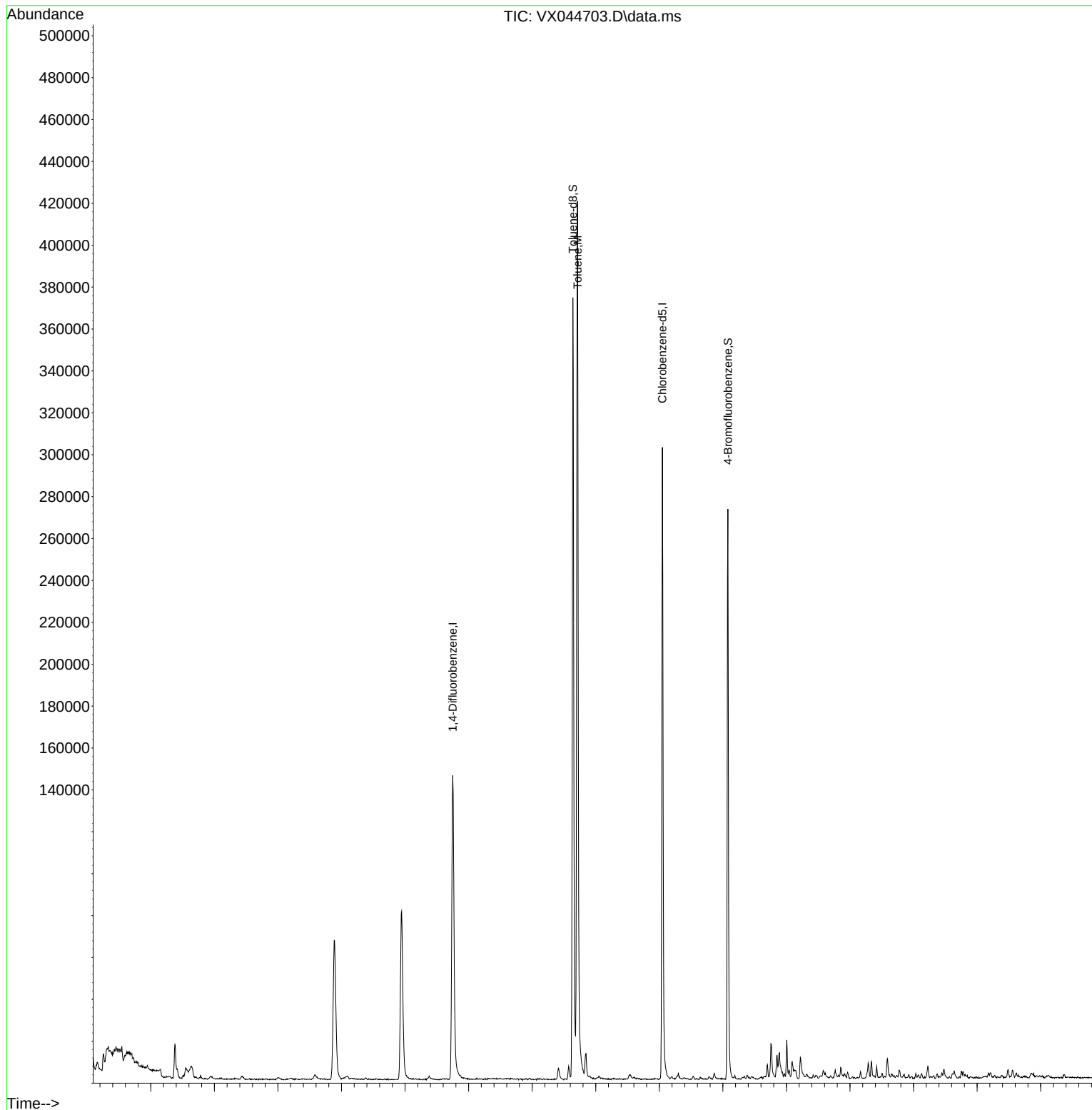
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
Data File : VX044703.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

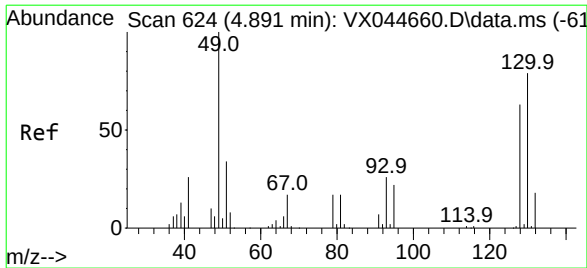
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)

Quant Time: Jan 24 03:15:24 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

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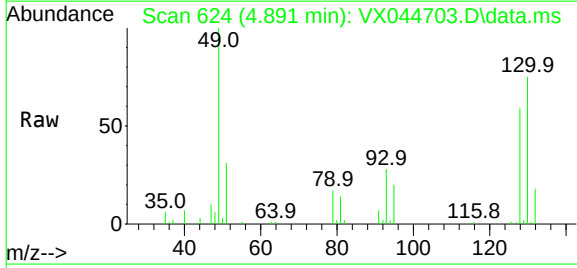
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044703.D
Acq: 23 Jan 2025 10:54

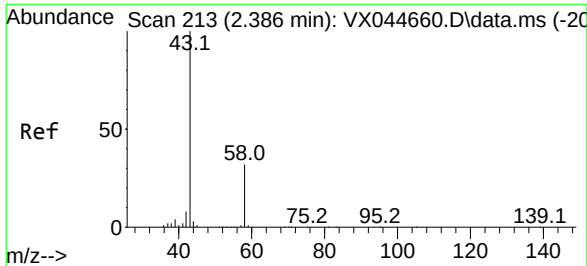
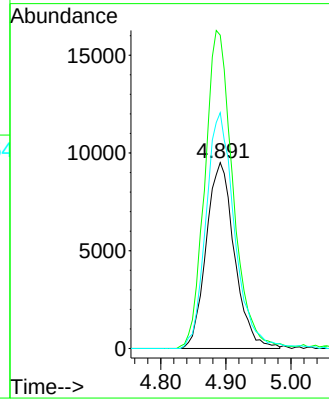
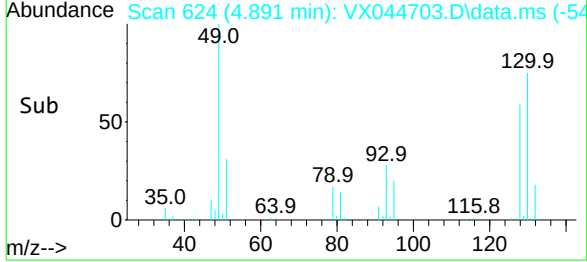
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)



Tgt Ion:128 Resp: 28687
Ion Ratio Lower Upper
128 100
49 170.0 0.0 411.5
130 126.7 0.0 324.3

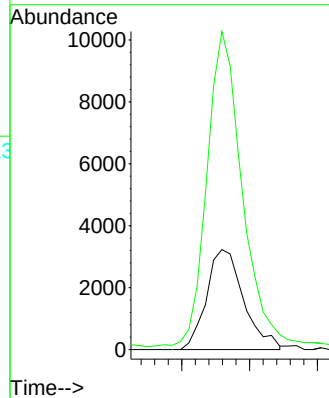
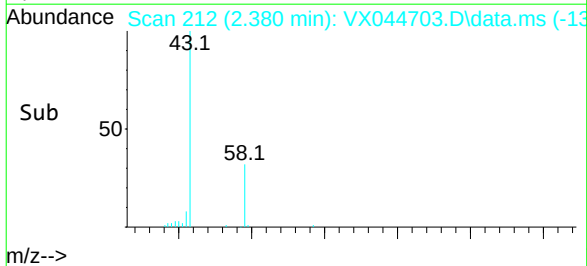
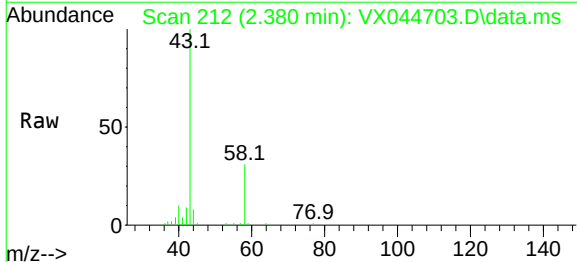
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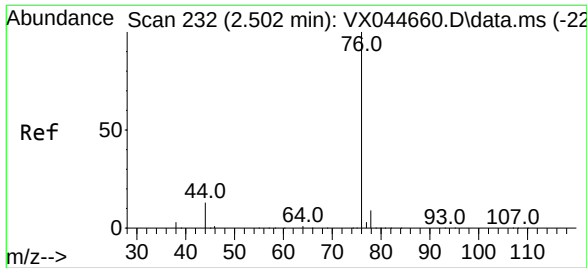
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#15
Acetone
Concen: 20.356 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044703.D
Acq: 23 Jan 2025 10:54

Tgt Ion: 58 Resp: 6157
Ion Ratio Lower Upper
58 100
43 309.7 251.0 376.4





#16

Carbon Disulfide

Concen: 0.333 ug/l

RT: 2.508 min Scan# 232

Delta R.T. 0.006 min

Lab File: VX044703.D

Acq: 23 Jan 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS PT BLVD(DEC)

Tgt Ion: 76 Resp: 1959

Ion Ratio Lower Upper

76 100

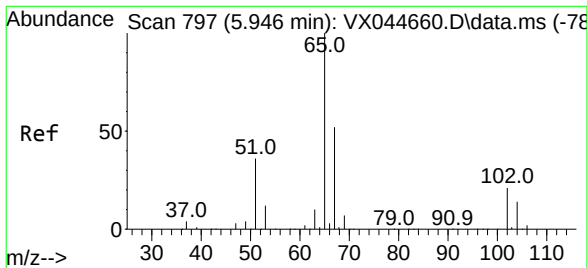
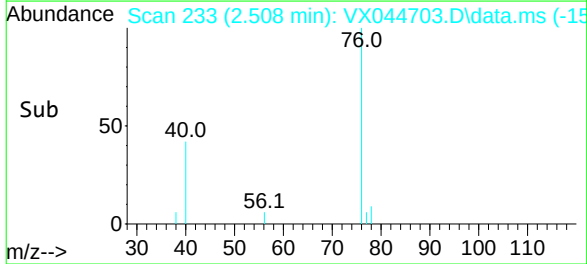
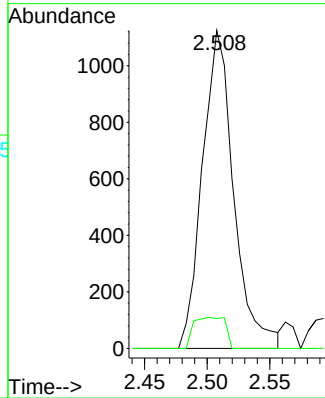
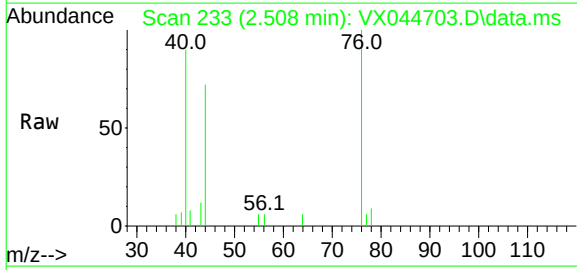
78 9.4 7.3 10.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/24/2025



#27

1,2-Dichloroethane-d4

Concen: 27.040 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX044703.D

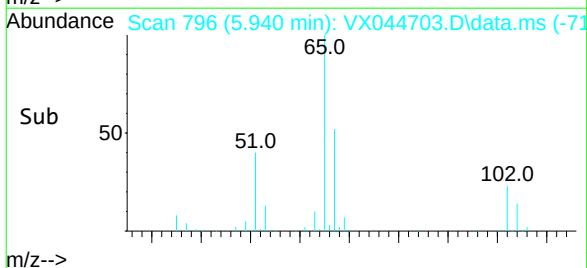
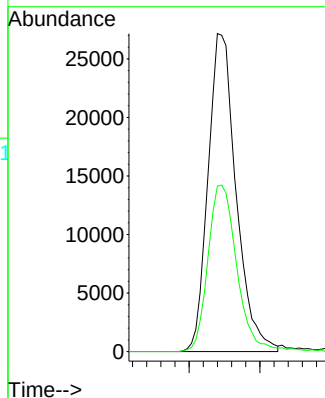
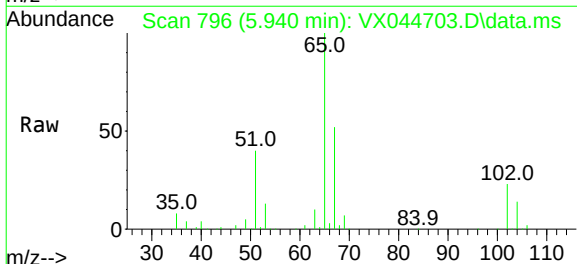
Acq: 23 Jan 2025 10:54

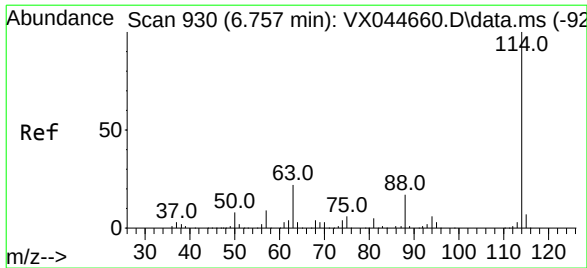
Tgt Ion: 65 Resp: 74886

Ion Ratio Lower Upper

65 100

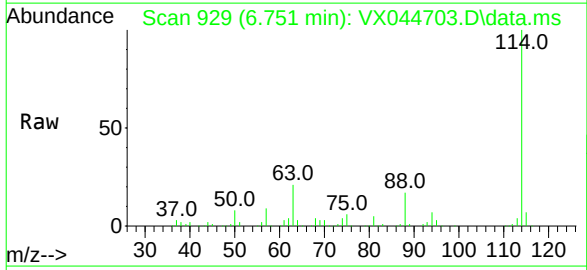
67 53.3 41.4 62.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 92
Delta R.T. -0.006 min
Lab File: VX044703.D
Acq: 23 Jan 2025 10:54

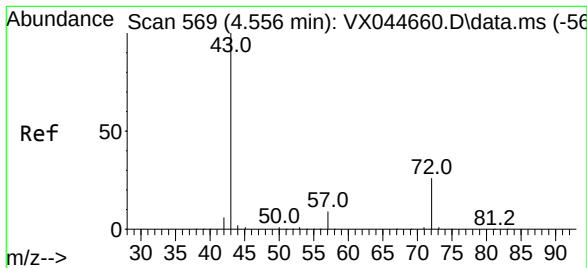
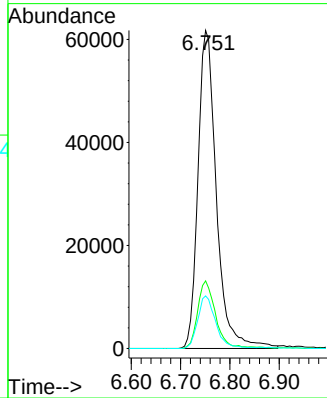
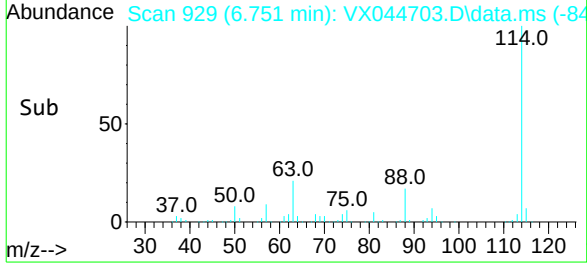
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)



Tgt Ion: 114 Resp: 160245
Ion Ratio Lower Upper
114 100
63 20.1 16.6 24.8
88 16.0 13.4 20.2

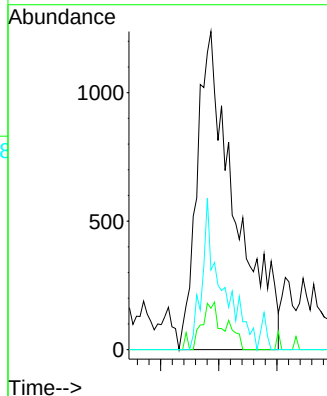
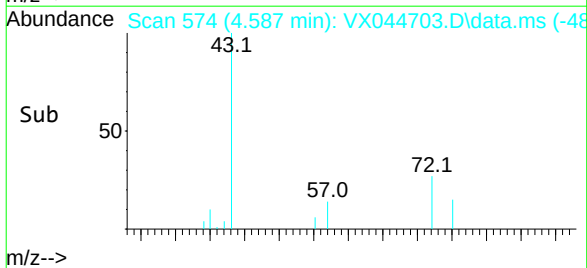
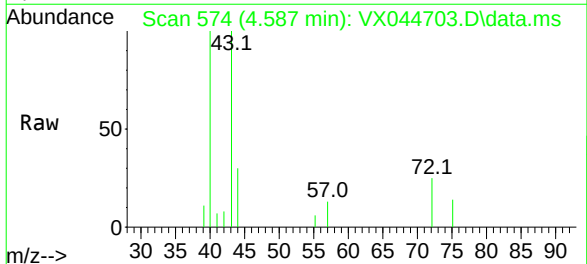
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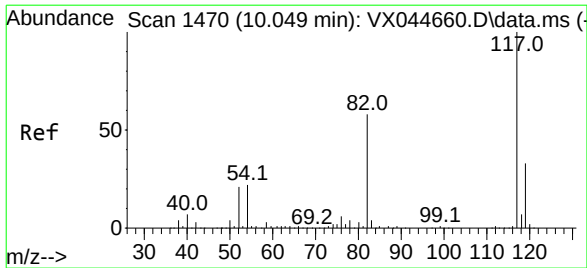
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#30
2-Butanone
Concen: 3.634 ug/l m
RT: 4.587 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX044703.D
Acq: 23 Jan 2025 10:54

Tgt Ion: 43 Resp: 5564
Ion Ratio Lower Upper
43 100
57 3.1 6.4 9.6#
72 16.2 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: VX044703.D

Acq: 23 Jan 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

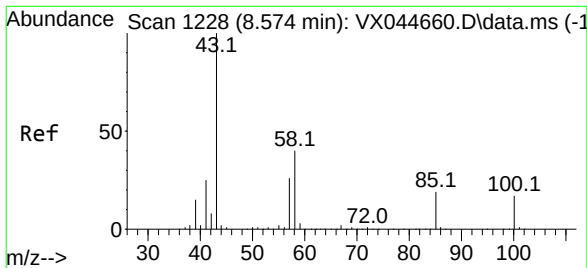
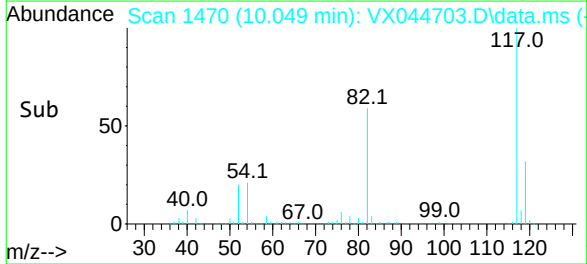
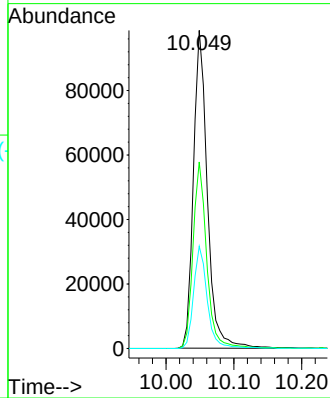
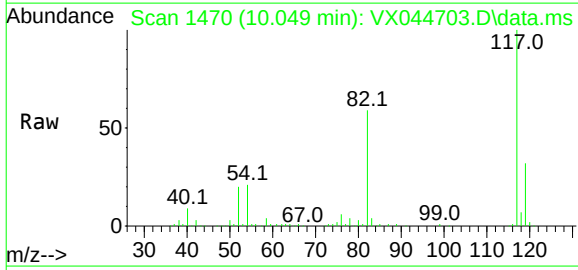
001-WILLETS PT BLVD(DEC)

Tgt Ion:	117	Resp:	140501
Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.8	68.6
119	31.4	25.8	38.6

Manual Integrations

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



#58

4-Methyl-2-Pentanone

Concen: 1.537 ug/l

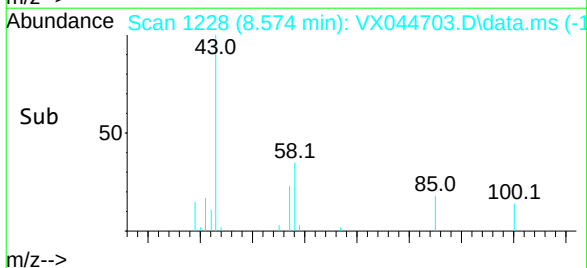
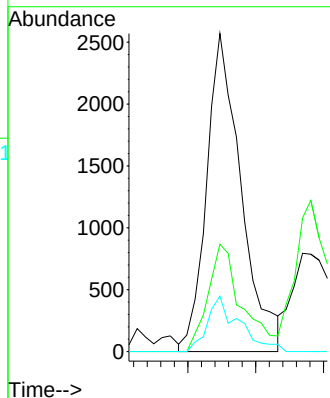
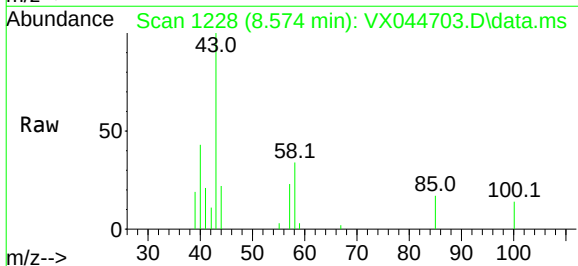
RT: 8.574 min Scan# 1228

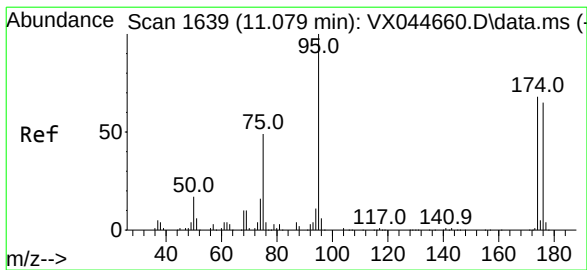
Delta R.T. -0.000 min

Lab File: VX044703.D

Acq: 23 Jan 2025 10:54

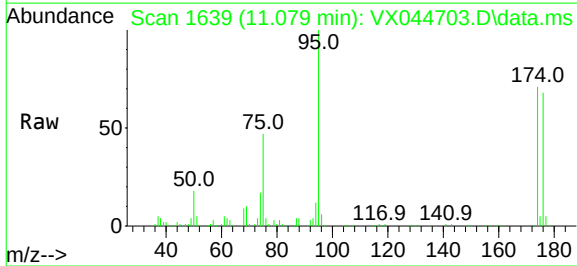
Tgt Ion:	43	Resp:	4551
Ion	Ratio	Lower	Upper
43	100		
58	33.4	31.7	47.5
85	9.8	15.0	22.6





#60
4-Bromofluorobenzene
Concen: 29.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044703.D
Acq: 23 Jan 2025 10:54

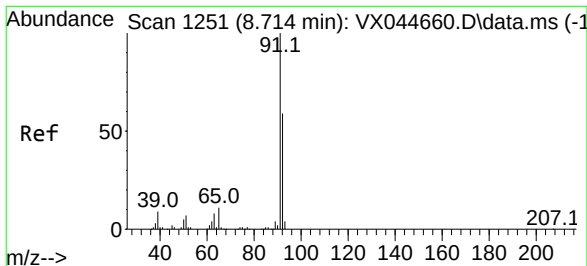
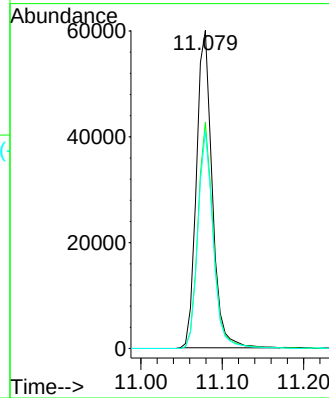
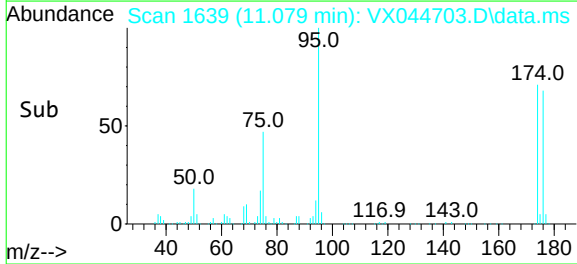
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS PT BLVD(DEC)



Tgt Ion: 95 Resp: 80502
Ion Ratio Lower Upper
95 100
174 69.5 54.6 81.8
176 66.5 52.8 79.2

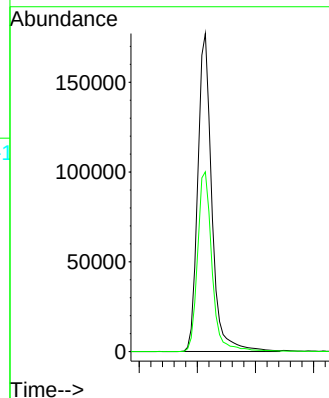
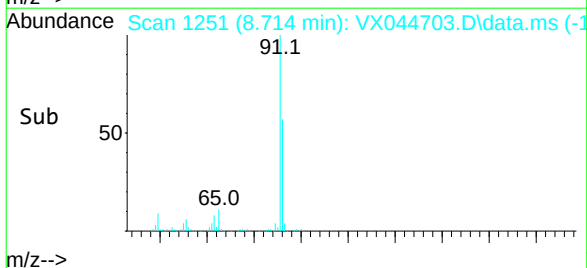
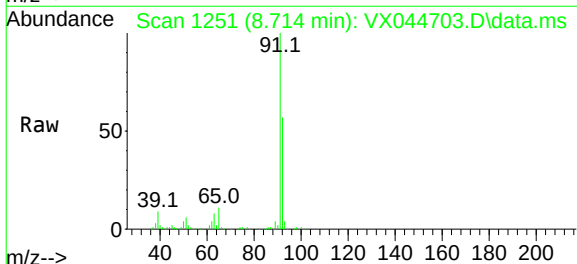
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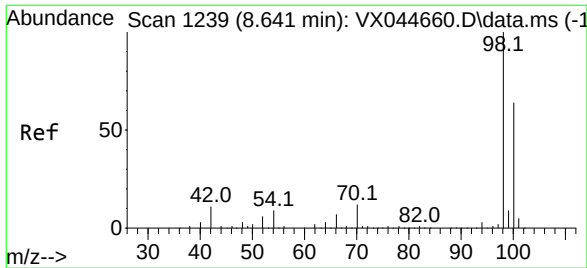
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#62
Toluene
Concen: 32.157 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044703.D
Acq: 23 Jan 2025 10:54

Tgt Ion: 91 Resp: 297500
Ion Ratio Lower Upper
91 100
92 57.0 47.3 70.9





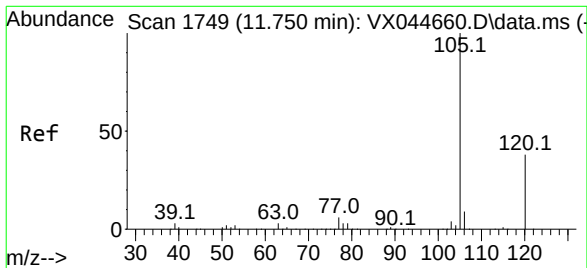
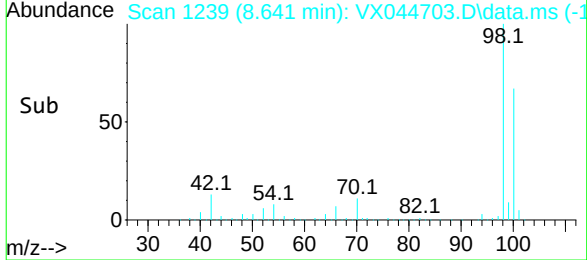
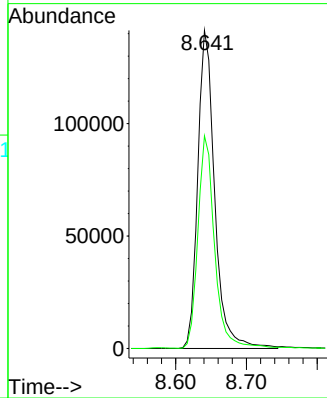
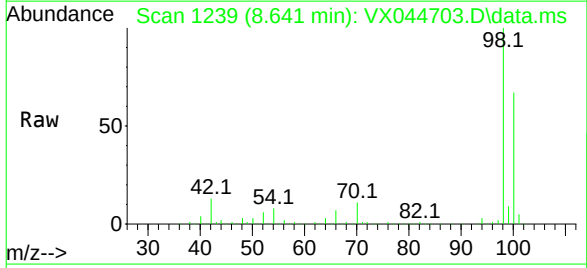
#63
Toluene-d8
Concen: 30.814 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX044703.D
Acq: 23 Jan 2025 10:54

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

Tgt Ion: 98 Resp: 235478
Ion Ratio Lower Upper
98 100
100 66.1 53.6 80.4

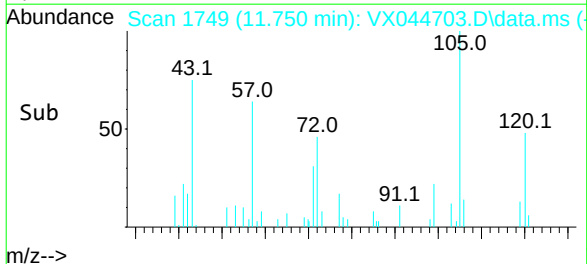
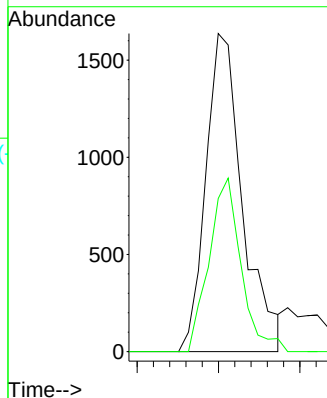
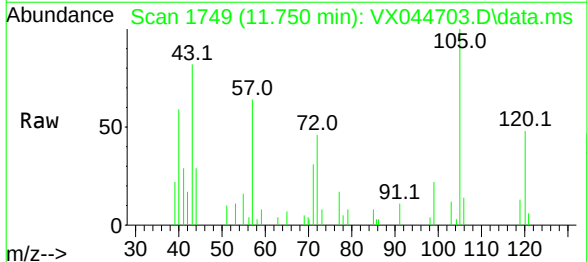
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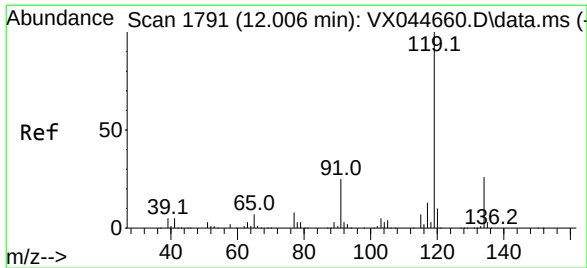
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 0.335 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044703.D
Acq: 23 Jan 2025 10:54

Tgt Ion:105 Resp: 2572
Ion Ratio Lower Upper
105 100
120 46.5 0.0 88.4





#82

p-Isopropyltoluene

Concen: 1.023 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044703.D

Acq: 23 Jan 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

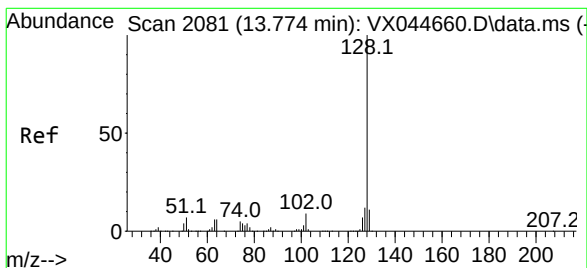
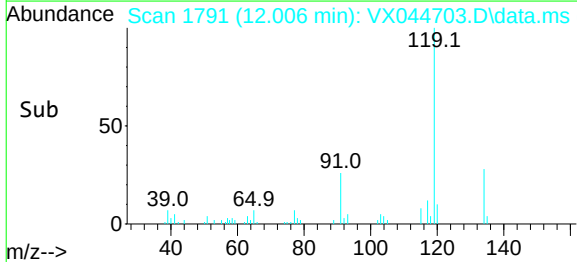
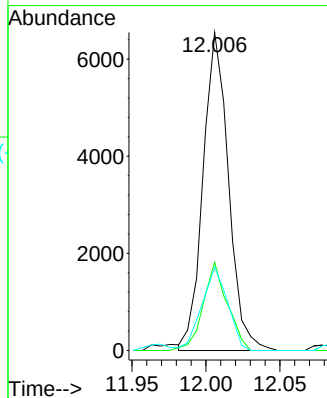
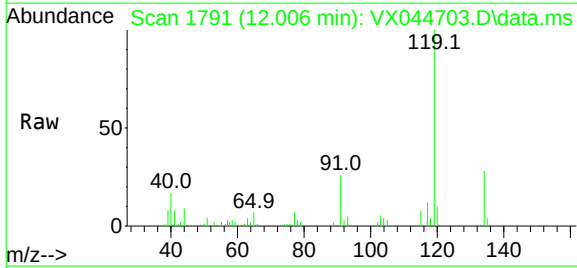
001-WILLETS PT BLVD(DEC)

Tgt Ion:	119	Resp:	7853
Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	52.2
91	26.8	0.0	50.2

Manual Integrations

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



#91

Naphthalene

Concen: 0.314 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044703.D

Acq: 23 Jan 2025 10:54

Tgt Ion:	128	Resp:	2828
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.4
129	12.8	9.0	13.6

