

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031600.D
 Acq On : 27 Jan 2025 18:06
 Operator : SY/MD
 Sample : Q1190-11
 Misc : 4.77g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44T0

Quant Time: Jan 28 00:27:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025

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

Internal Standards							
1) 1,4-Difluorobenzene		8.837	114	456379	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.629	117	195427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.550	152	29839	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.363	65	282925	39.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 158.040%#		
7) Chloroethane-d5		2.899	69	213112	41.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 166.680%#		
11) 1,1-Dichloroethene-d2		4.015	65	112662	35.358	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 141.440%#		
21) 2-Butanone-d5		7.081	46	156913	136.303	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 272.600%#		
24) Chloroform-d		7.648	84	446417	37.796	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 151.200%#		
26) 1,2-Dichloroethane-d4		8.301	65	223276	38.407	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 153.640%#		
32) Benzene-d6		8.270	84	781169	63.636	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 254.560%#		
36) 1,2-Dichloropropane-d6		9.270	67	251510	69.393	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 277.560%#		
41) Toluene-d8		10.319	98	463009	41.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 167.120%#		
43) trans-1,3-Dichloroprop...		10.575	79	52482	35.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 141.040%#		
47) 2-Hexanone-d5		10.922	63	59096	159.774	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 319.540%#		
56) 1,1,2,2-Tetrachloroeth...		12.690	84	108945	49.153	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 196.600%#		
66) 1,2-Dichlorobenzene-d4		13.848	152	32375	30.934	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 123.720%#		
Target Compounds							Qvalue
13) Acetone		4.149	43	73746	83.235	ug/L	94
22) 2-Butanone		7.191	43	10818m	7.149	ug/L	
33) Benzene		8.319	78	403216	30.147	ug/L	100
42) Toluene		10.386	91	141616	10.129	ug/L	95
46) Tetrachloroethene		10.855	164	4179	1.619	ug/L	93
52) Ethylbenzene		11.727	91	19150	1.194	ug/L	99
53) m,p-Xylene		11.830	106	7956	1.301	ug/L	91
54) o-Xylene		12.160	106	3583	0.630	ug/L	92

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

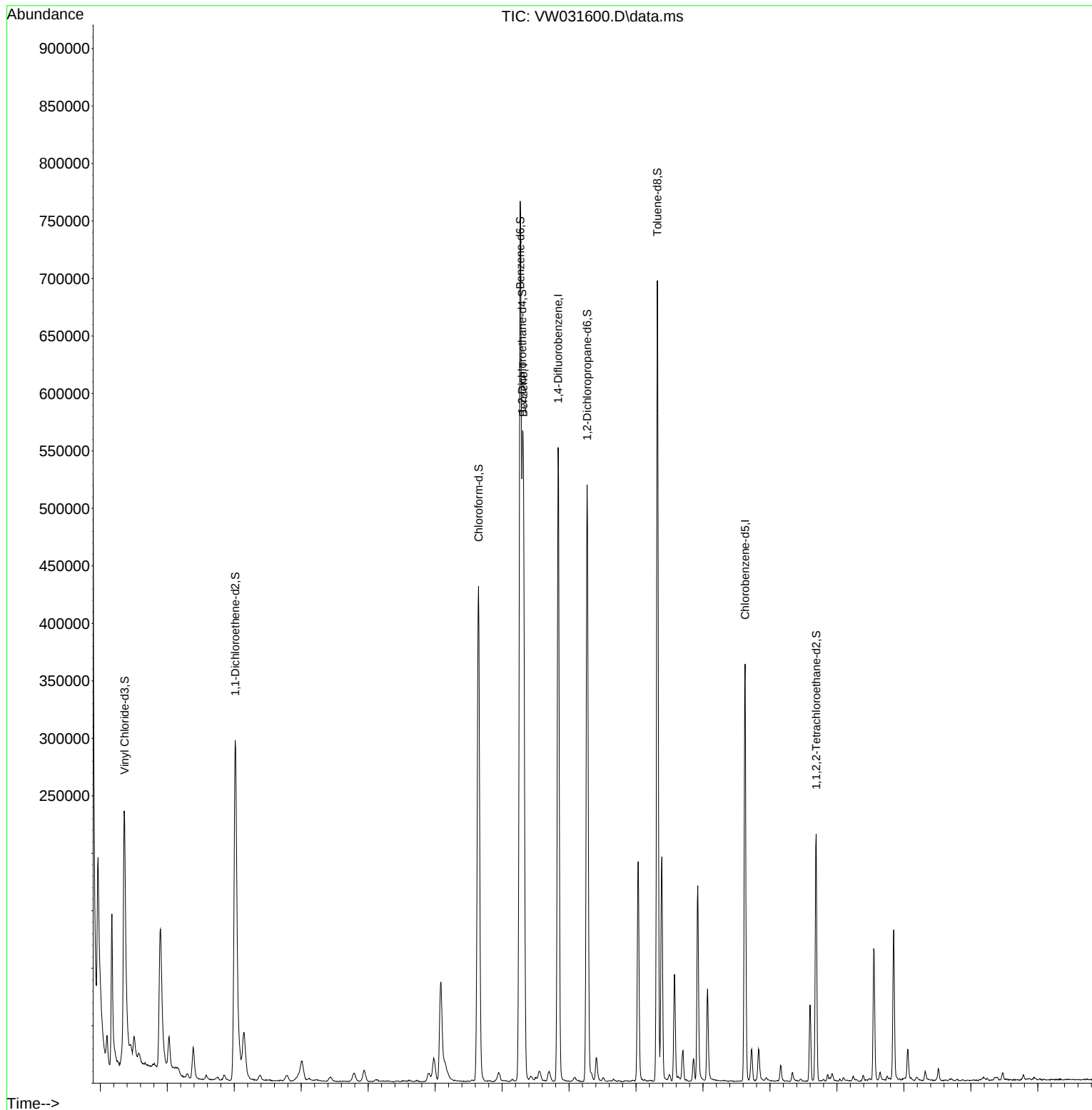
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
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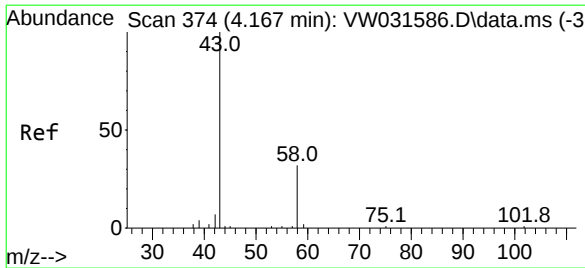
Instrument :
MSVOA_W
ClientSampleId :
A44T0

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jan 28 00:17:29 2025
Response via : Initial Calibration





#13

Acetone

Concen: 83.235 ug/L

RT: 4.149 min Scan# 37

Delta R.T. -0.018 min

Lab File: VW031600.D

Acq: 27 Jan 2025 18:06

Instrument :

MSVOA_W

ClientSampleId :

A44T0

Tgt Ion: 43 Resp: 73746

Ion Ratio Lower Upper

43 100

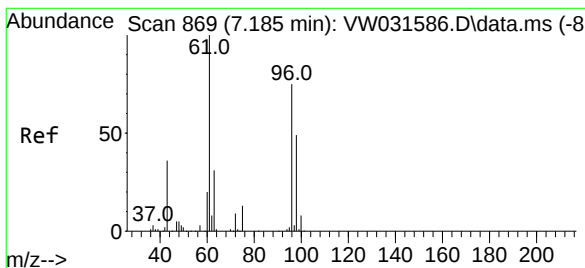
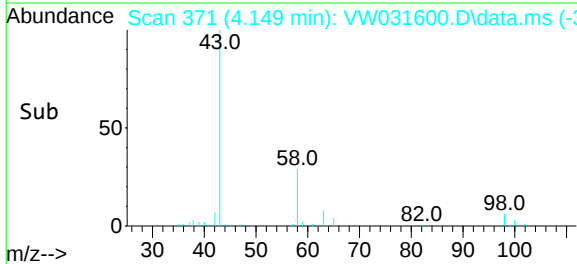
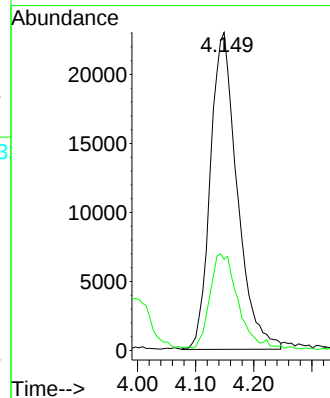
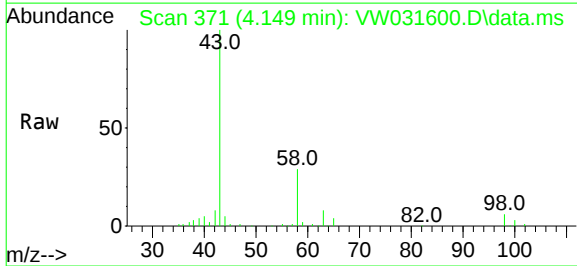
58 16.5 0.0 28.2

Manual Integrations

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#22

2-Butanone

Concen: 7.149 ug/L m

RT: 7.191 min Scan# 870

Delta R.T. 0.006 min

Lab File: VW031600.D

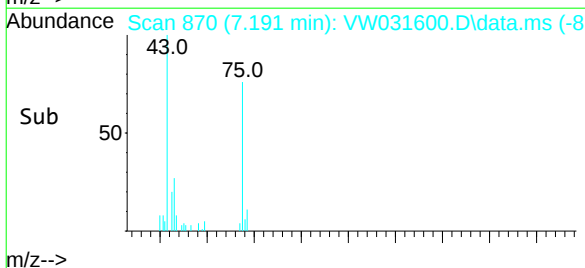
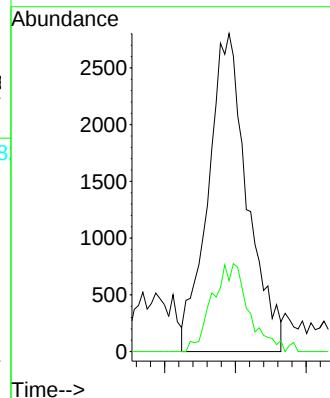
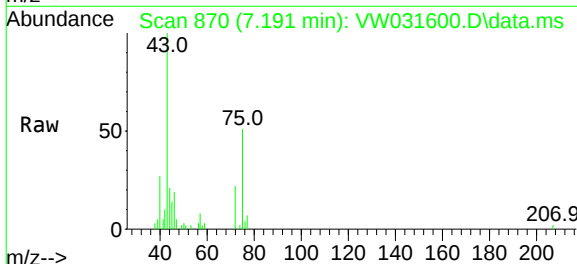
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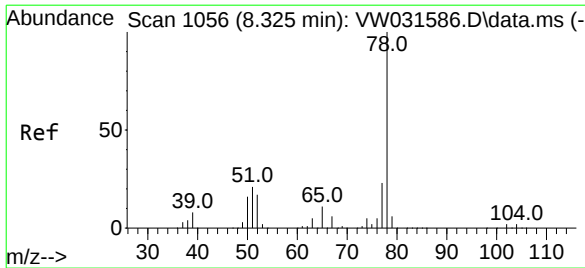
Tgt Ion: 43 Resp: 10818

Ion Ratio Lower Upper

43 100

72 12.6 13.2 39.5#





#33

Benzene

Concen: 30.147 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW031600.D

Acq: 27 Jan 2025 18:06

Instrument :

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ClientSampleId :

A44T0

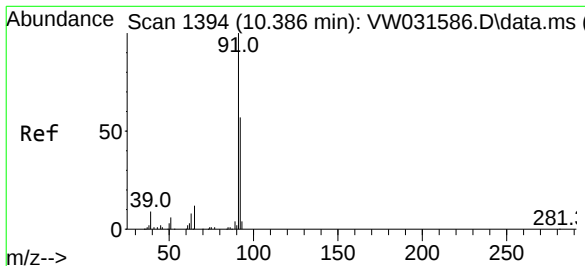
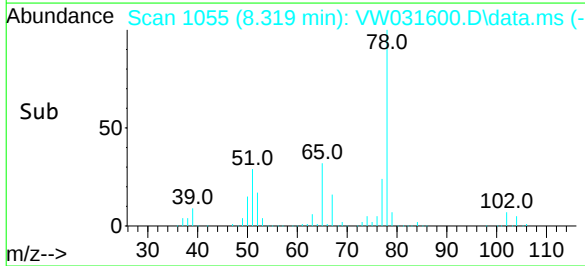
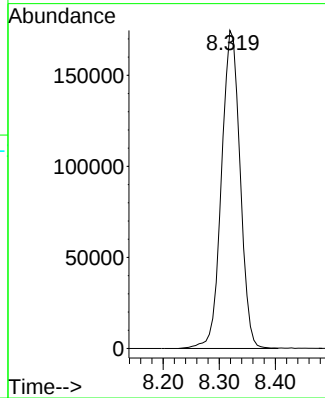
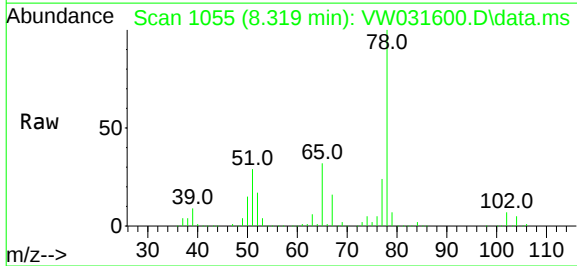
Tgt Ion: 78 Resp: 403216

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#42

Toluene

Concen: 10.129 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031600.D

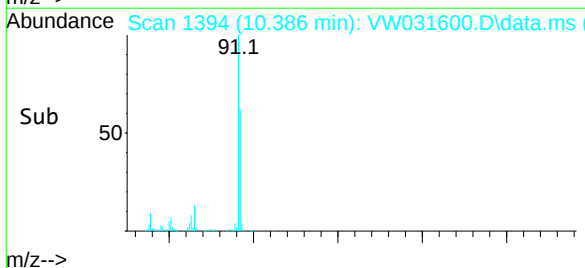
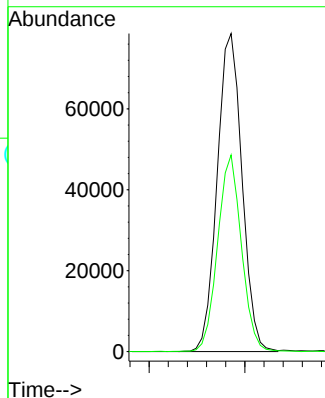
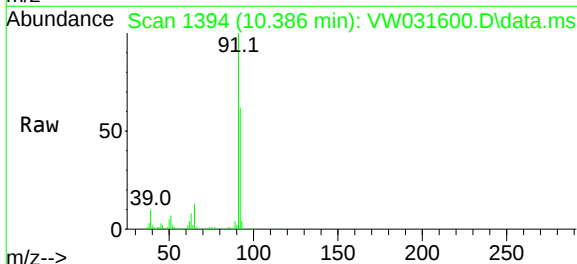
Acq: 27 Jan 2025 18:06

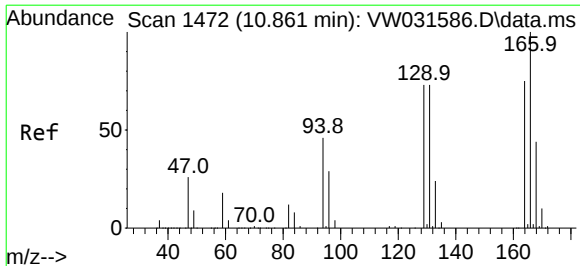
Tgt Ion: 91 Resp: 141616

Ion Ratio Lower Upper

91 100

92 61.8 40.6 75.4





#46

Tetrachloroethene

Concen: 1.619 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW031600.D

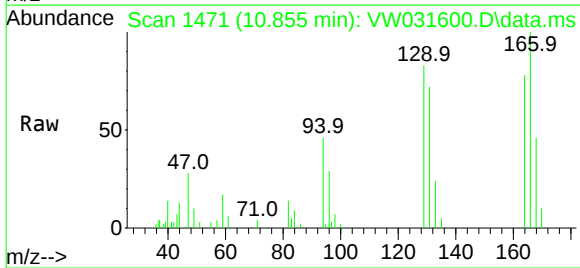
Acq: 27 Jan 2025 18:06

Instrument :

MSVOA_W

ClientSampleId :

A44T0

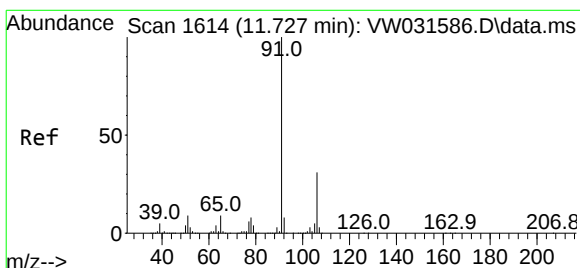
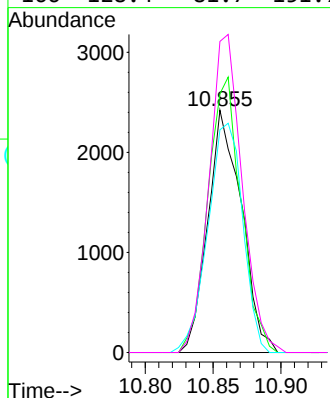
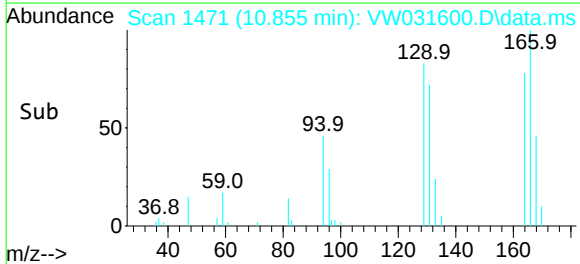


Tgt Ion	Ratio	Lower	Upper
164	100		
129	106.7	69.8	129.6
131	91.9	63.1	117.1
166	128.4	81.7	151.7

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#52

Ethylbenzene

Concen: 1.194 ug/L

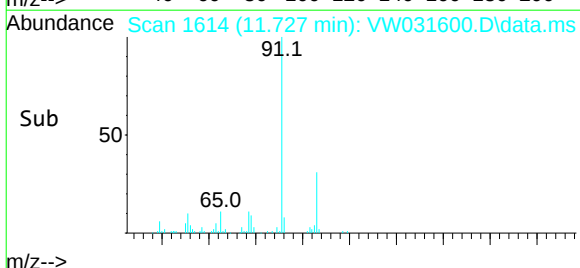
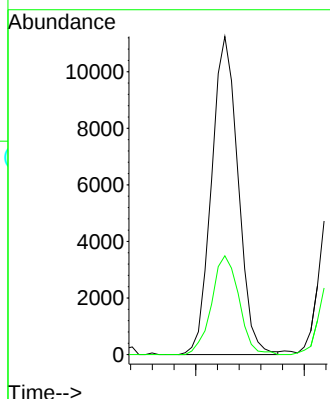
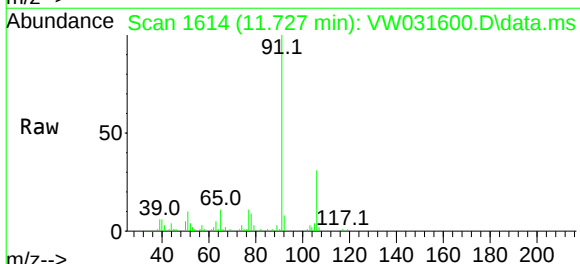
RT: 11.727 min Scan# 1614

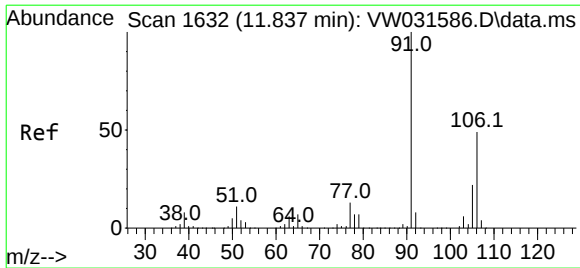
Delta R.T. -0.000 min

Lab File: VW031600.D

Acq: 27 Jan 2025 18:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	22.3	41.3





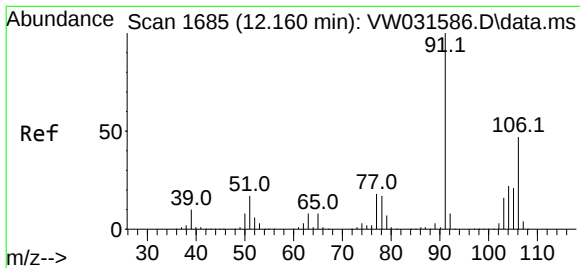
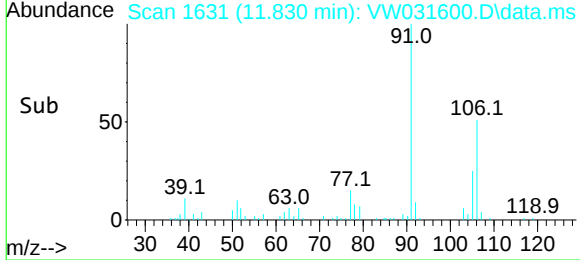
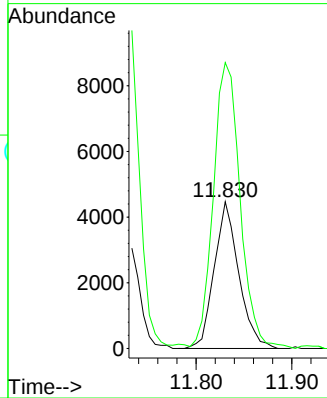
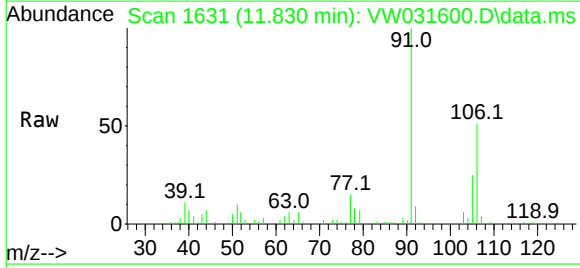
#53
m,p-Xylene
Concen: 1.301 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031600.D
Acq: 27 Jan 2025 18:06

Instrument :
MSVOA_W
ClientSampleId :
A44T0

Tgt Ion:106 Resp: 7956
Ion Ratio Lower Upper
106 100
91 194.8 145.9 270.9

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#54
o-Xylene
Concen: 0.630 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031600.D
Acq: 27 Jan 2025 18:06

Tgt Ion:106 Resp: 3583
Ion Ratio Lower Upper
106 100
91 231.2 152.9 284.1

