

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
 Data File : VU063085.D
 Acq On : 29 Jan 2025 11:35
 Operator : MD/SY
 Sample : Q1195-14DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2965DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/30/2025

Quant Time: Jan 30 07:34:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 30 07:33:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.296	114	90644	5.000	ug/L	0.06
28) Chlorobenzene-d5	9.422	117	82514	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.807	152	53988	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.637	65	10039	3.081	ug/L	0.04
Spiked Amount 5.000	Range 40 - 130		Recovery =	61.600%		
7) Chloroethane-d5	1.952	69	8558	3.459	ug/L	0.05
Spiked Amount 5.000	Range 65 - 130		Recovery =	69.200%		
11) 1,1-Dichloroethene-d2	2.608	65	5740	2.946	ug/L	0.05
Spiked Amount 5.000	Range 60 - 125		Recovery =	59.000%#		
20) 2-Butanone-d5	4.743	46	24589m	26.000	ug/L	0.13
Spiked Amount 50.000	Range 40 - 130		Recovery =	52.000%		
24) Chloroform-d	5.123	84	48784	3.769	ug/L	0.07
Spiked Amount 5.000	Range 70 - 125		Recovery =	75.400%		
26) 1,2-Dichloroethane-d4	5.769	65	28794	3.897	ug/L	0.08
Spiked Amount 5.000	Range 70 - 130		Recovery =	78.000%		
32) Benzene-d6	5.788	84	73226	3.884	ug/L	0.07
Spiked Amount 5.000	Range 70 - 125		Recovery =	77.600%		
36) 1,2-Dichloropropane-d6	6.727	67	18397	3.832	ug/L	0.05
Spiked Amount 5.000	Range 60 - 140		Recovery =	76.600%		
41) Toluene-d8	7.914	98	76372	4.097	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.000%		
43) trans-1,3-Dichloroprop...	8.197	79	12022	4.045	ug/L	0.03
Spiked Amount 5.000	Range 55 - 130		Recovery =	80.800%		
46) 2-Hexanone-d5	8.647	63	29509	39.790	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery =	79.580%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	18697	4.101	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	82.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	40115	4.151	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	83.000%		
Target Compounds						
13) Acetone	2.776	43	3138m	5.132	ug/L	
14) Carbon disulfide	2.833	76	16612	1.377	ug/L	97
19) 1,1-Dichloroethane	3.911	63	7666	0.878	ug/L #	93
40) 4-Methyl-2-pentanone	7.827	43	3206	1.478	ug/L #	66
42) Toluene	7.988	91	109682	4.616	ug/L	98
52) Ethylbenzene	9.573	91	51869	1.873	ug/L	98
53) m,p-Xylene	9.692	106	65623	6.136	ug/L	99
54) o-Xylene	10.100	106	43207	4.410	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	13481	0.475	ug/L	97

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

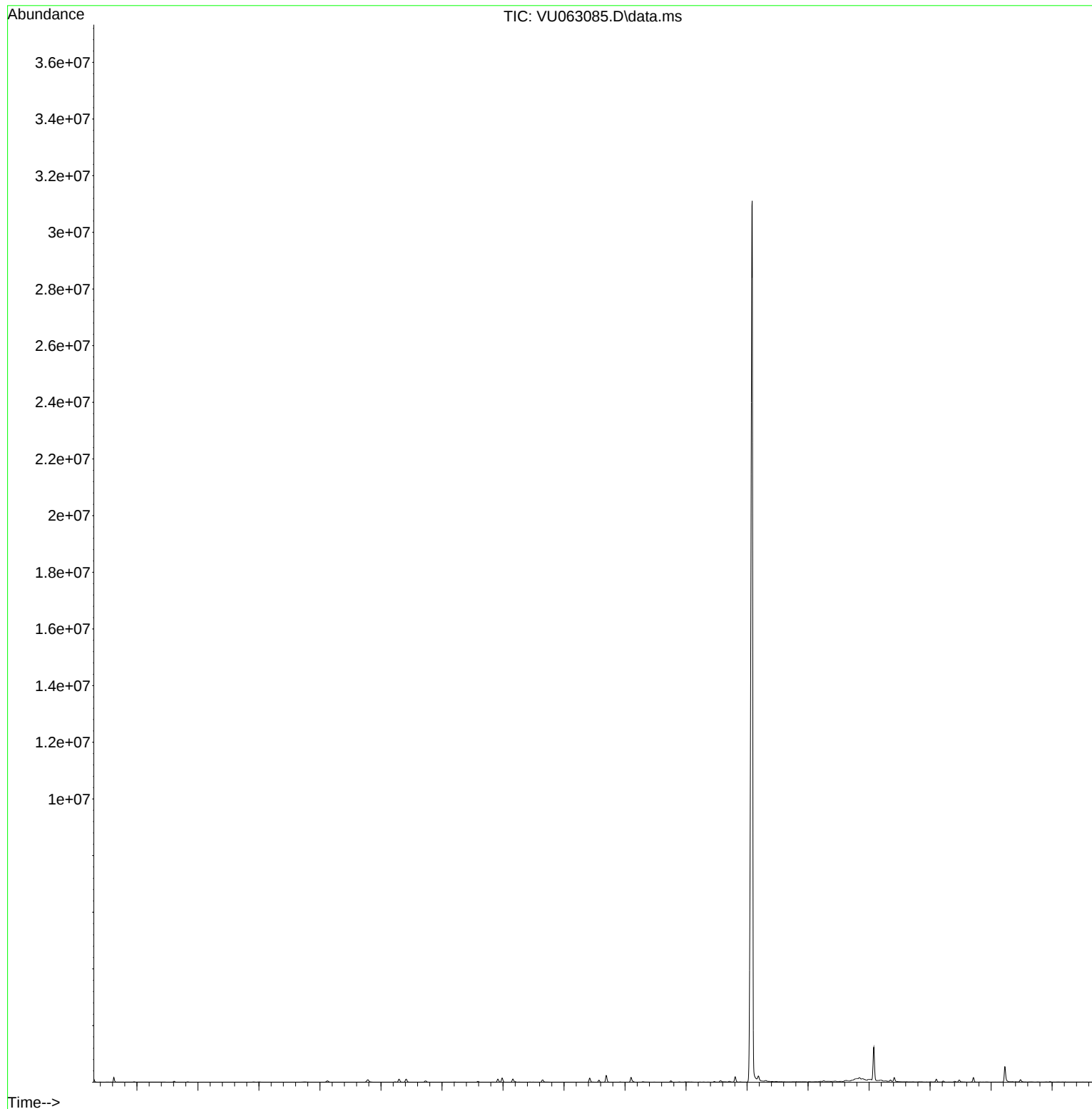
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
Data File : VU063085.D
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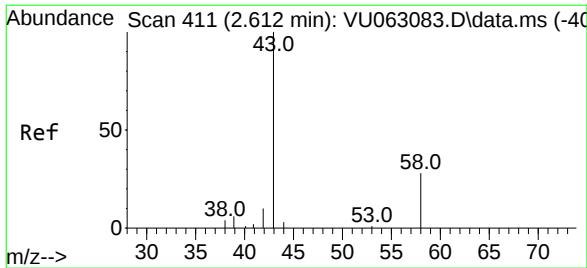
Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 30 07:33:13 2025
Response via : Initial Calibration





#13

Acetone

Concen: 5.132 ug/L m

RT: 2.776 min Scan# 46

Delta R.T. 0.164 min

Lab File: VU063085.D

Acq: 29 Jan 2025 11:35

Instrument :

MSVOA_U

ClientSampleId :

E2965DL

Tgt Ion: 43 Resp: 3138

Ion Ratio Lower Upper

43 100

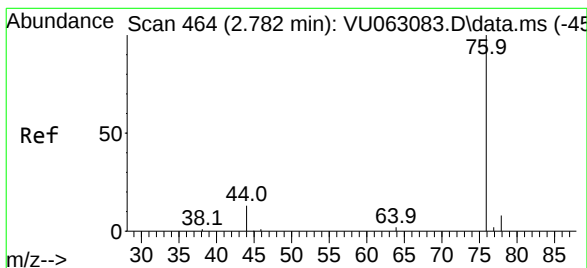
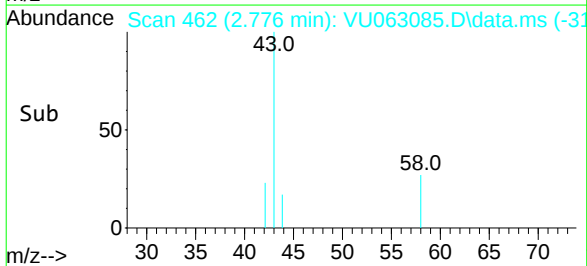
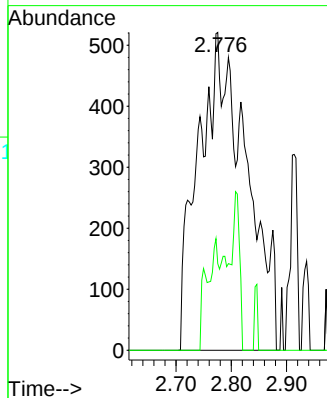
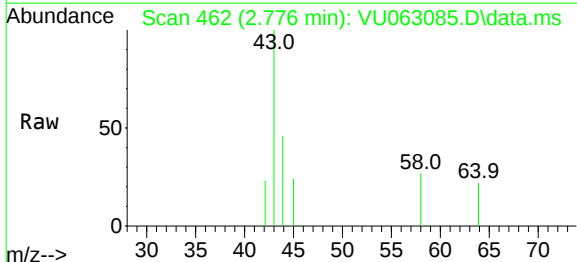
58 3.0 0.0 64.4

Manual Integrations

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#14

Carbon disulfide

Concen: 1.377 ug/L

RT: 2.833 min Scan# 480

Delta R.T. 0.051 min

Lab File: VU063085.D

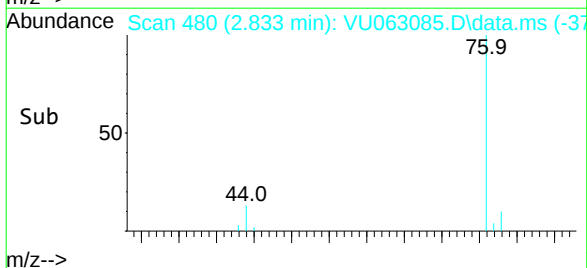
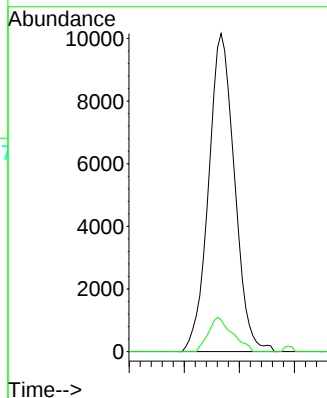
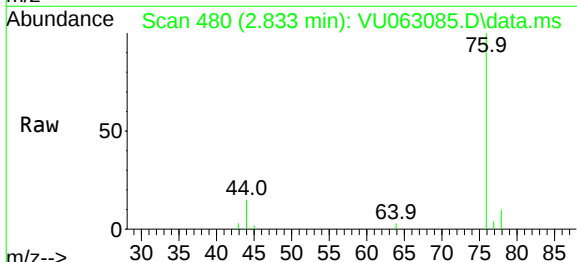
Acq: 29 Jan 2025 11:35

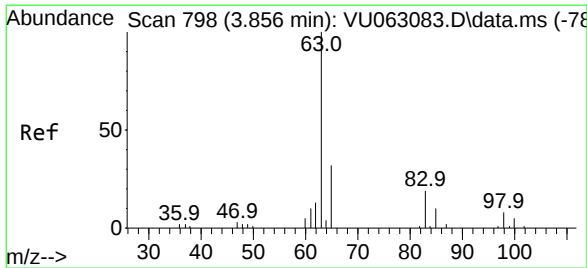
Tgt Ion: 76 Resp: 16612

Ion Ratio Lower Upper

76 100

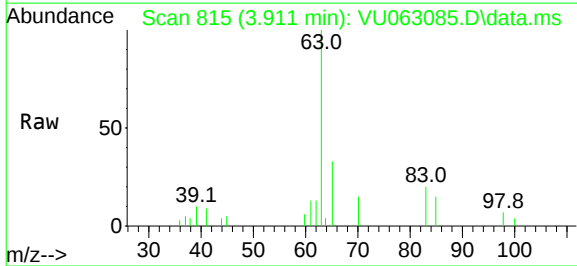
78 10.0 7.0 10.6





#19
1,1-Dichloroethane
Concen: 0.878 ug/L
RT: 3.911 min Scan# 811
Delta R.T. 0.055 min
Lab File: VU063085.D
Acq: 29 Jan 2025 11:35

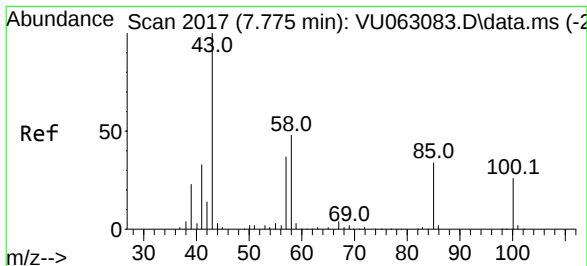
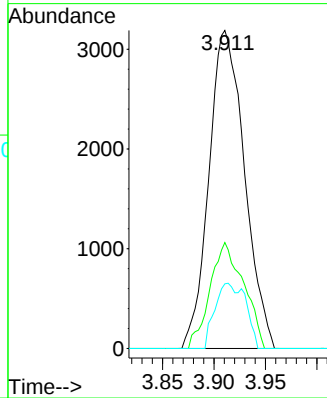
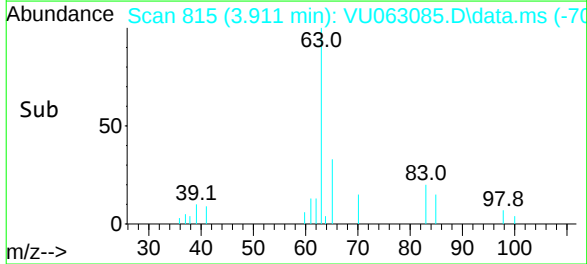
Instrument :
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ClientSampleId :
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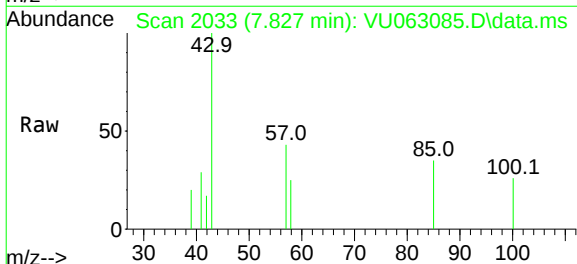
Tgt Ion: 63 Resp: 7666
Ion Ratio Lower Upper
63 100
65 32.0 20.7 38.5
83 19.5 10.5 19.5#

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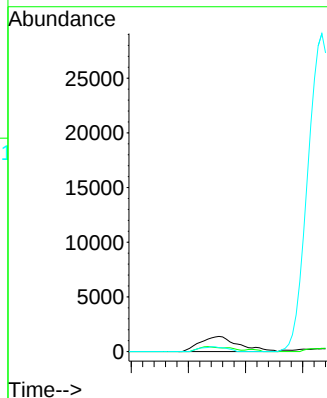
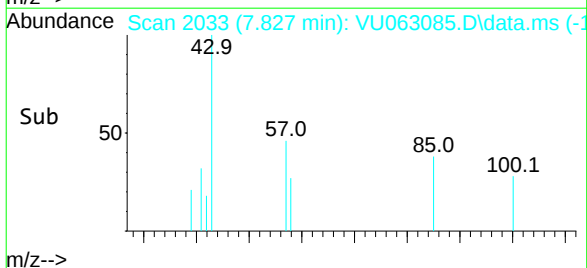
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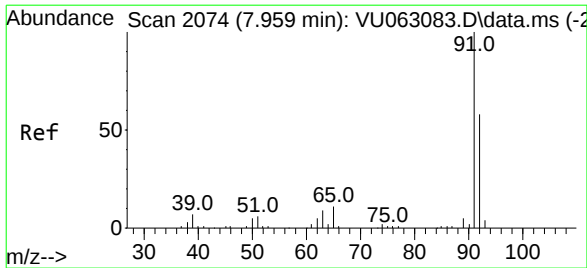


#40
4-Methyl-2-pentanone
Concen: 1.478 ug/L
RT: 7.827 min Scan# 2033
Delta R.T. 0.051 min
Lab File: VU063085.D
Acq: 29 Jan 2025 11:35



Tgt Ion: 43 Resp: 3206
Ion Ratio Lower Upper
43 100
58 26.0 35.8 53.8#
100 0.0 16.8 25.2#





#42

Toluene

Concen: 4.616 ug/L

RT: 7.988 min Scan# 2074

Delta R.T. 0.029 min

Lab File: VU063085.D

Acq: 29 Jan 2025 11:35

Instrument :

MSVOA_U

ClientSampleId :

E2965DL

Tgt Ion: 91 Resp: 109682

Ion Ratio Lower Upper

91 100

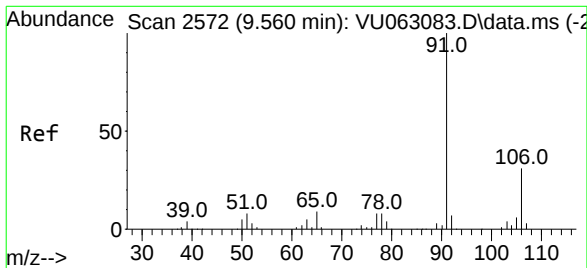
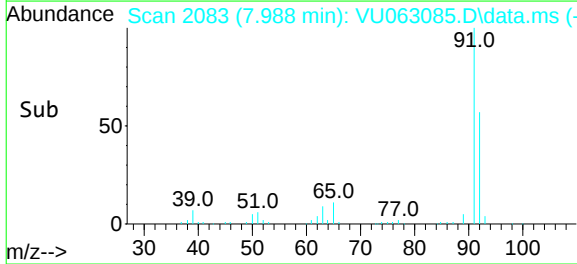
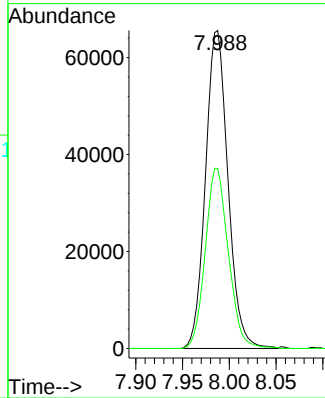
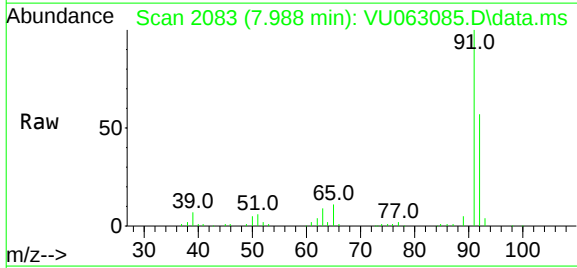
92 56.6 40.4 75.0

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#52

Ethylbenzene

Concen: 1.873 ug/L

RT: 9.573 min Scan# 2576

Delta R.T. 0.013 min

Lab File: VU063085.D

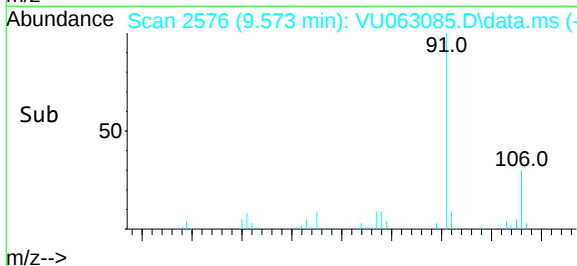
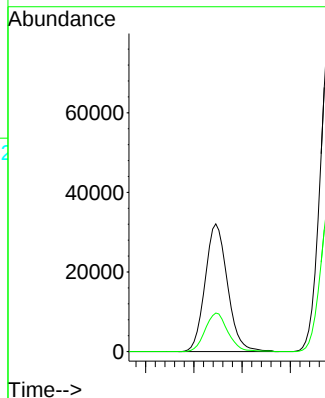
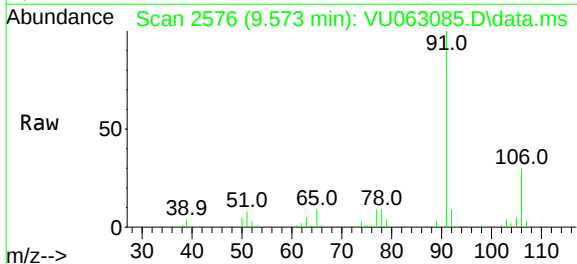
Acq: 29 Jan 2025 11:35

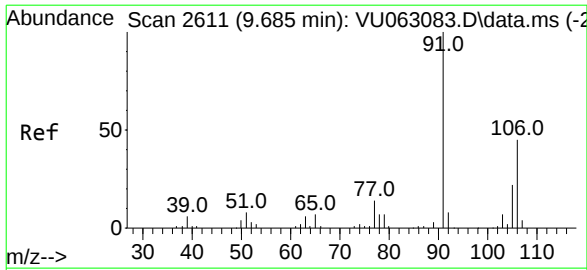
Tgt Ion: 91 Resp: 51869

Ion Ratio Lower Upper

91 100

106 30.2 21.9 40.7





#53

m,p-Xylene

Concen: 6.136 ug/L

RT: 9.692 min Scan# 2611

Delta R.T. 0.006 min

Lab File: VU063085.D

Acq: 29 Jan 2025 11:35

Instrument :

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ClientSampleId :

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Tgt Ion:106 Resp: 65623

Ion Ratio Lower Upper

106 100

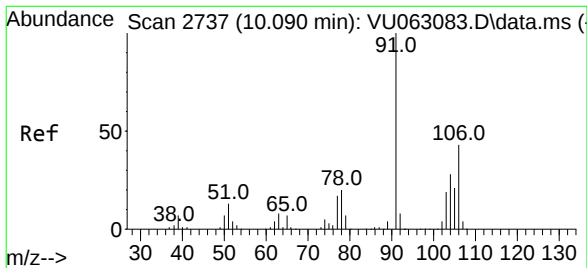
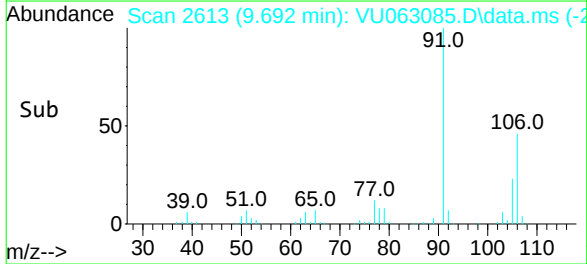
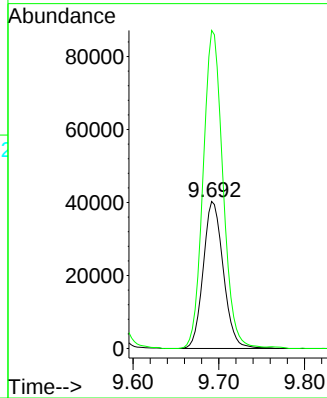
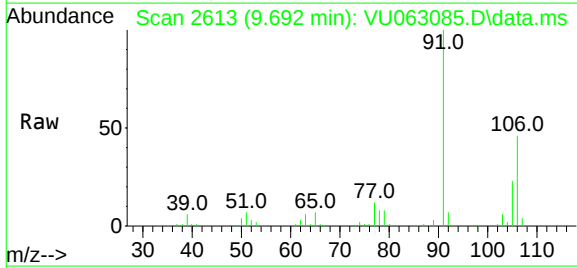
91 216.3 153.1 284.3

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#54

o-Xylene

Concen: 4.410 ug/L

RT: 10.100 min Scan# 2740

Delta R.T. 0.010 min

Lab File: VU063085.D

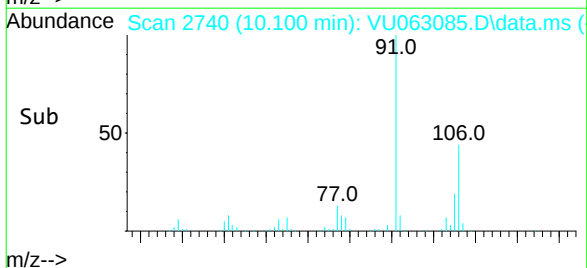
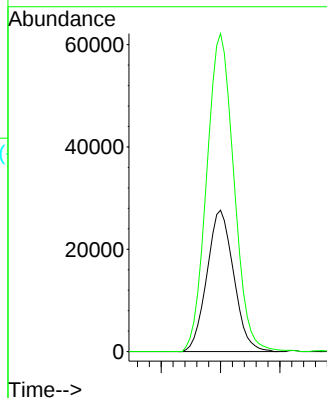
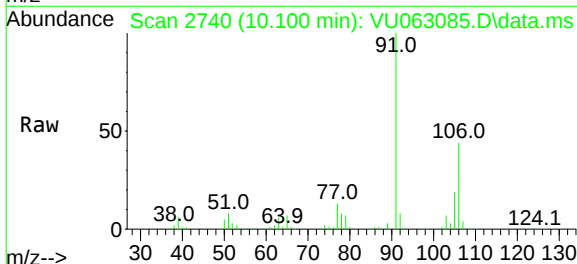
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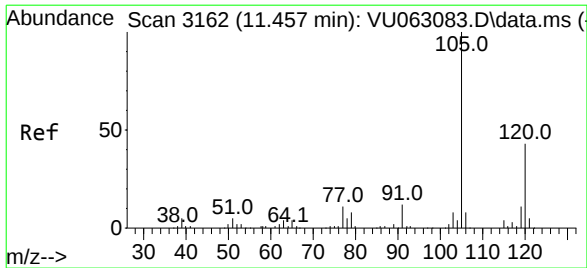
Tgt Ion:106 Resp: 43207

Ion Ratio Lower Upper

106 100

91 224.9 160.4 297.8





#63
1,2,4-Trimethylbenzene
Concen: 0.475 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063085.D
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Instrument :
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Tgt Ion:105 Resp: 13481
Ion Ratio Lower Upper
105 100
120 40.6 34.2 51.2

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