

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063066.D
 Acq On : 28 Jan 2025 14:43
 Operator : MD/SY
 Sample : Q1195-15DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2966DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2025
 Supervised By : Mahesh Dadoda 01/30/2025

Quant Time: Jan 29 09:16:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.316	114	130438	5.000	ug/L	0.08
28) Chlorobenzene-d5	9.425	117	118852	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.804	152	70109	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.653	65	14507	3.094	ug/L	0.06
Spiked Amount 5.000	Range 40 - 130		Recovery =	61.800%		
7) Chloroethane-d5	1.972	69	12580	3.534	ug/L	0.07
Spiked Amount 5.000	Range 65 - 130		Recovery =	70.600%		
11) 1,1-Dichloroethene-d2	2.634	65	8983	3.203	ug/L	0.08
Spiked Amount 5.000	Range 60 - 125		Recovery =	64.000%		
20) 2-Butanone-d5	4.759	46	35353	25.978	ug/L	0.16
Spiked Amount 50.000	Range 40 - 130		Recovery =	51.960%		
24) Chloroform-d	5.155	84	70781	3.800	ug/L	0.11
Spiked Amount 5.000	Range 70 - 125		Recovery =	76.000%		
26) 1,2-Dichloroethane-d4	5.795	65	42156	3.965	ug/L	0.11
Spiked Amount 5.000	Range 70 - 130		Recovery =	79.200%		
32) Benzene-d6	5.814	84	114809	4.227	ug/L	0.10
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.600%		
36) 1,2-Dichloropropane-d6	6.747	67	32915	4.760	ug/L	0.07
Spiked Amount 5.000	Range 60 - 140		Recovery =	95.200%		
41) Toluene-d8	7.927	98	110324	4.108	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.200%		
43) trans-1,3-Dichloroprop...	8.203	79	19260	4.499	ug/L	0.04
Spiked Amount 5.000	Range 55 - 130		Recovery =	90.000%		
46) 2-Hexanone-d5	8.650	63	63666	59.601	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery =	119.200%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	32249	4.911	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	98.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	50887	4.055	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	81.000%		
Target Compounds						
13) Acetone	2.792	43	9667m	10.986	ug/L	Qvalue
14) Carbon disulfide	2.866	76	17732	1.021	ug/L	99
19) 1,1-Dichloroethane	3.946	63	11204	0.891	ug/L #	87
40) 4-Methyl-2-pentanone	7.830	43	6338	2.029	ug/L #	79
42) Toluene	7.997	91	170330	4.977	ug/L	97
52) Ethylbenzene	9.576	91	74072	1.857	ug/L	98
53) m,p-Xylene	9.695	106	92989	6.037	ug/L	100
54) o-Xylene	10.103	106	61782	4.378	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	18679	0.507	ug/L	95

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

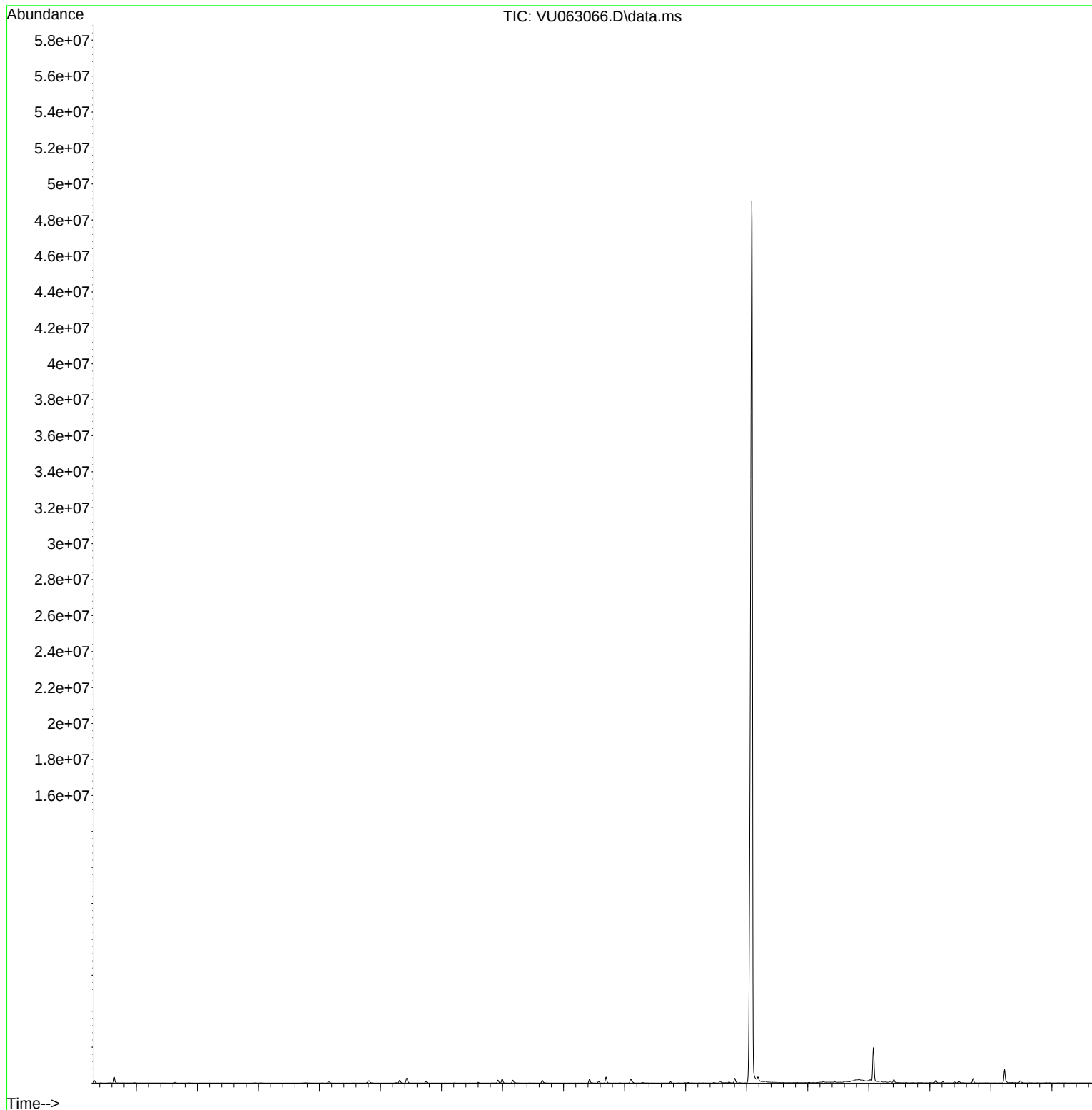
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
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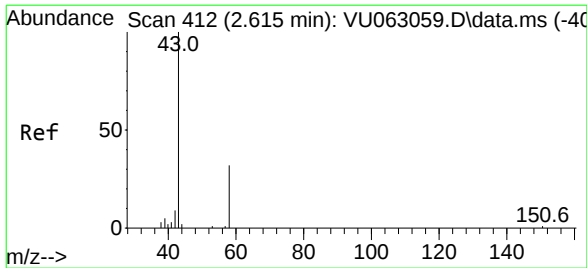
Instrument :
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Response via : Initial Calibration





#13

Acetone

Concen: 10.986 ug/L m

RT: 2.792 min Scan# 467

Delta R.T. 0.180 min

Lab File: VU063066.D

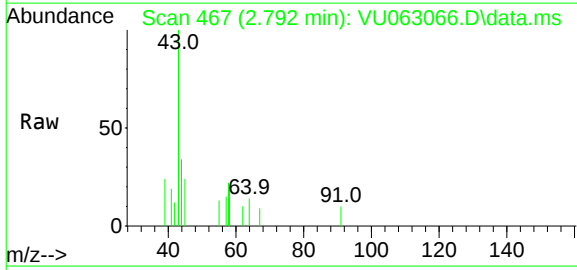
Acq: 28 Jan 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

E2966DL



Tgt Ion: 43 Resp: 9667

Ion Ratio Lower Upper

43 100

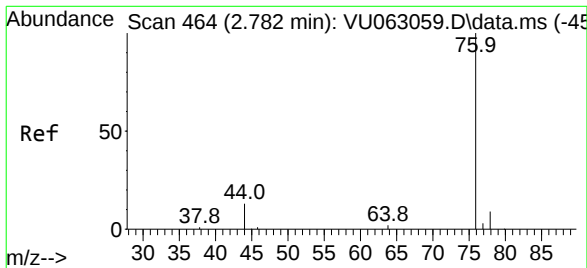
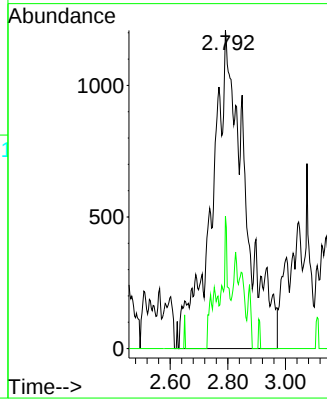
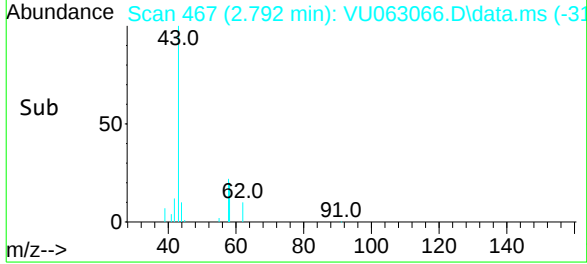
58 0.3 0.0 64.4

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#14

Carbon disulfide

Concen: 1.021 ug/L

RT: 2.866 min Scan# 490

Delta R.T. 0.084 min

Lab File: VU063066.D

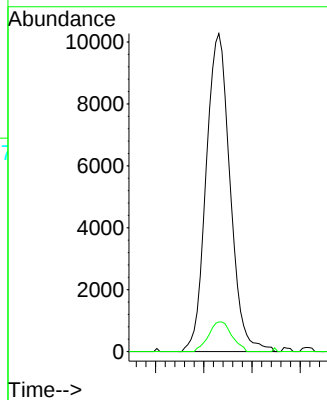
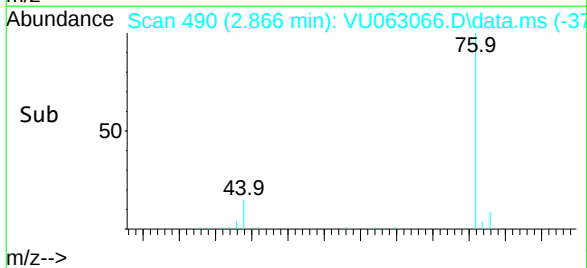
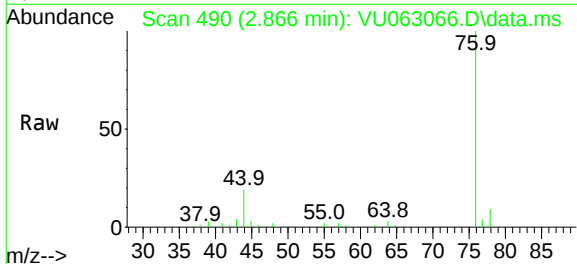
Acq: 28 Jan 2025 14:43

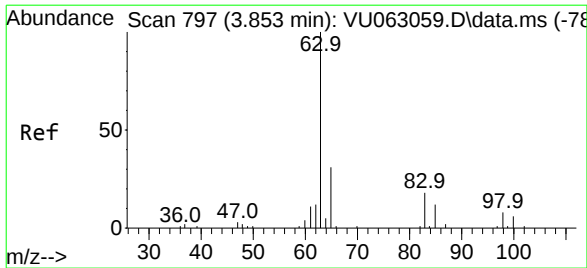
Tgt Ion: 76 Resp: 17732

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6





#19

1,1-Dichloroethane

Concen: 0.891 ug/L

RT: 3.946 min Scan# 82

Delta R.T. 0.093 min

Lab File: VU063066.D

Acq: 28 Jan 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

E2966DL

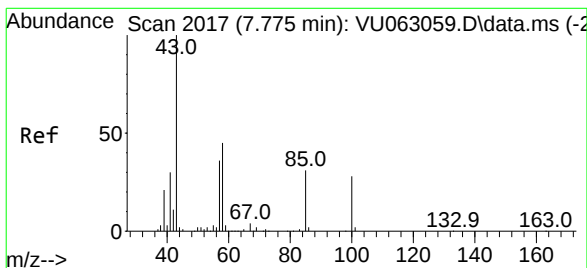
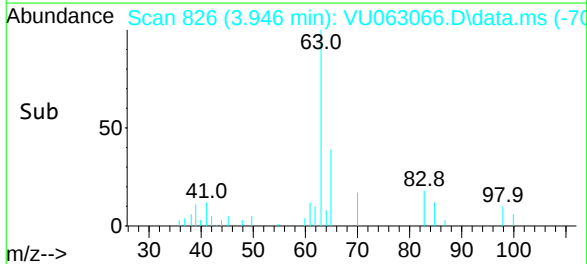
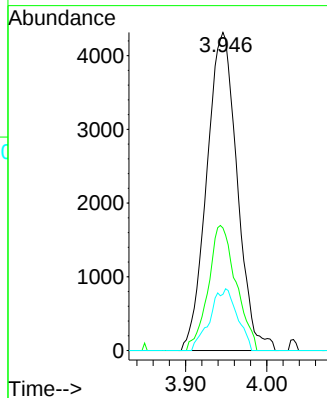
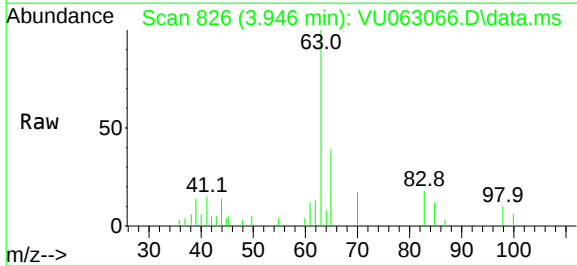
Tgt Ion:	63	Resp:	11204
Ion	Ratio	Lower	Upper
63	100		
65	38.5	20.7	38.5#
83	17.7	10.5	19.5

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#40

4-Methyl-2-pentanone

Concen: 2.029 ug/L

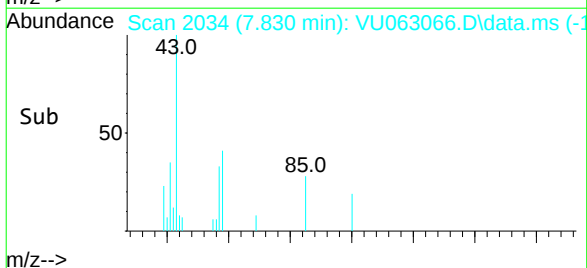
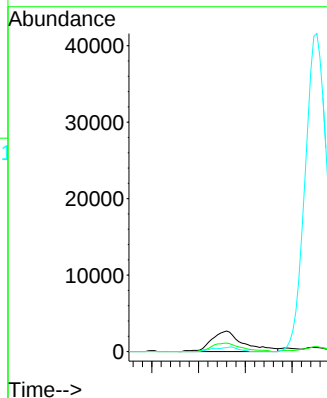
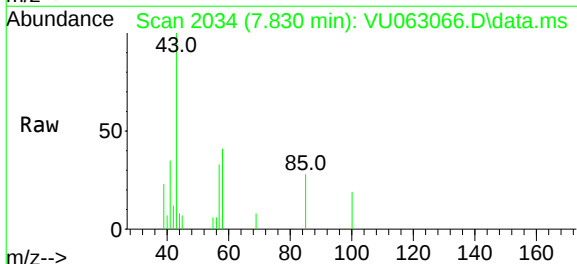
RT: 7.830 min Scan# 2034

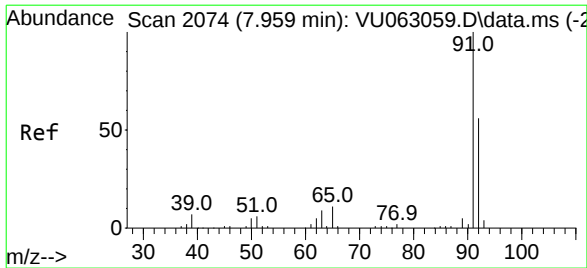
Delta R.T. 0.055 min

Lab File: VU063066.D

Acq: 28 Jan 2025 14:43

Tgt Ion:	43	Resp:	6338
Ion	Ratio	Lower	Upper
43	100		
58	38.5	35.8	53.8
100	0.0	16.8	25.2#





#42

Toluene

Concen: 4.977 ug/L

RT: 7.997 min Scan# 2086

Delta R.T. 0.039 min

Lab File: VU063066.D

Acq: 28 Jan 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

E2966DL

Tgt Ion: 91 Resp: 170330

Ion Ratio Lower Upper

91 100

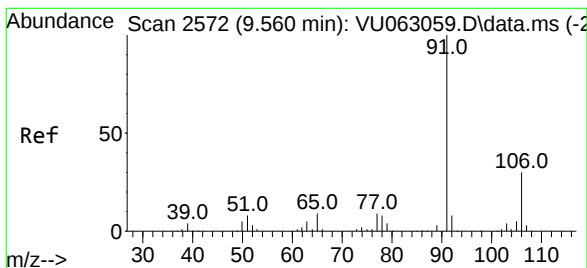
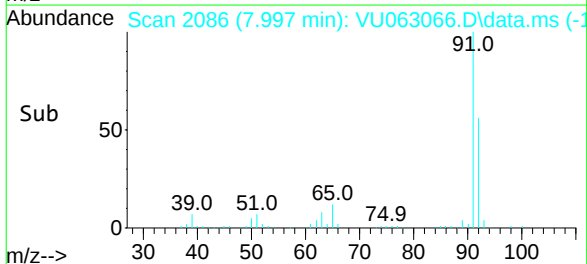
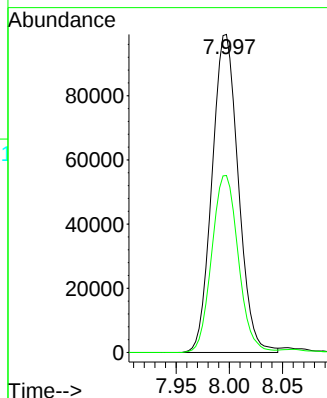
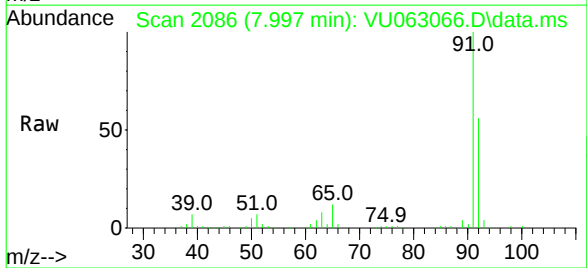
92 55.7 40.4 75.0

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#52

Ethylbenzene

Concen: 1.857 ug/L

RT: 9.576 min Scan# 2577

Delta R.T. 0.016 min

Lab File: VU063066.D

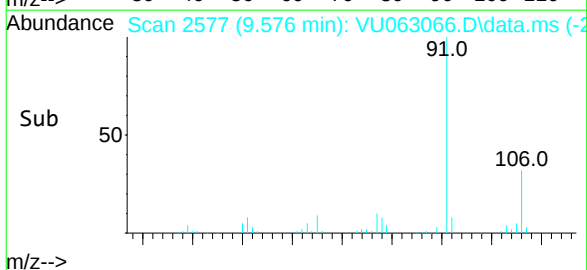
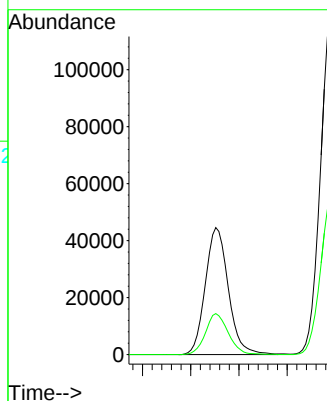
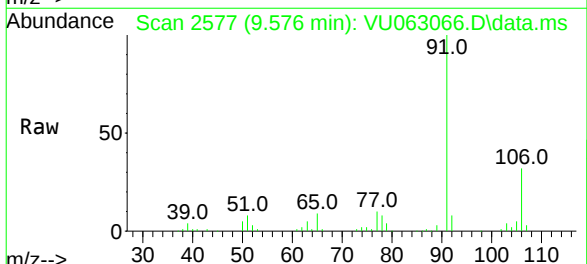
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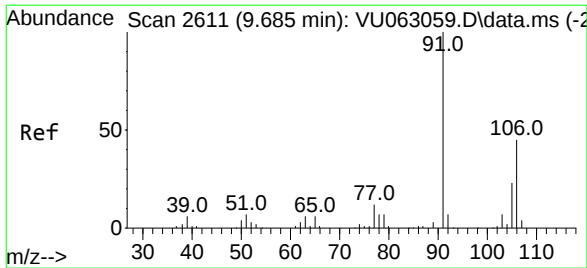
Tgt Ion: 91 Resp: 74072

Ion Ratio Lower Upper

91 100

106 32.3 21.9 40.7





#53

m,p-Xylene

Concen: 6.037 ug/L

RT: 9.695 min Scan# 2611

Delta R.T. 0.013 min

Lab File: VU063066.D

Acq: 28 Jan 2025 14:43

Instrument :

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Tgt Ion:106 Resp: 92989

Ion Ratio Lower Upper

106 100

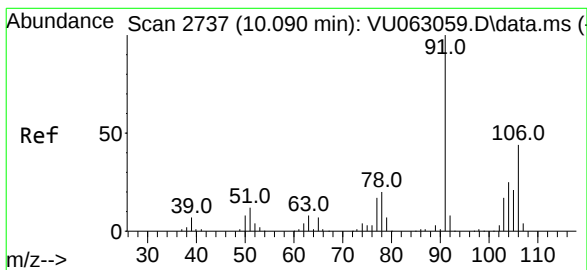
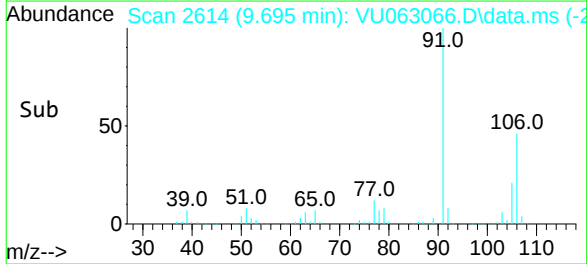
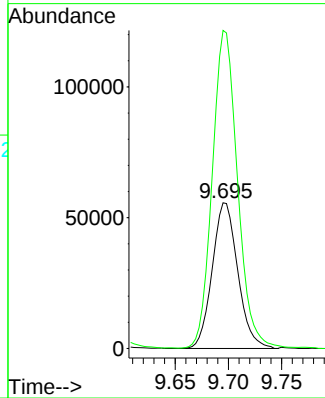
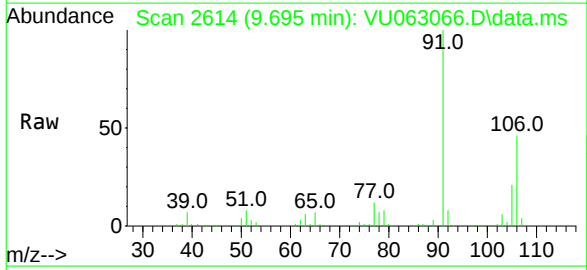
91 218.3 153.1 284.3

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#54

o-Xylene

Concen: 4.378 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. 0.013 min

Lab File: VU063066.D

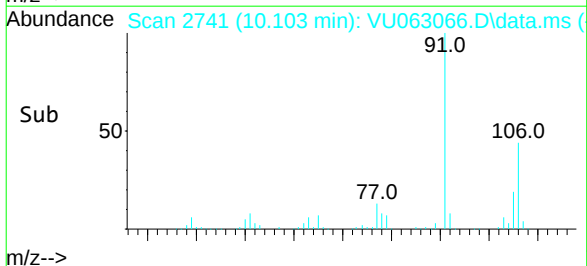
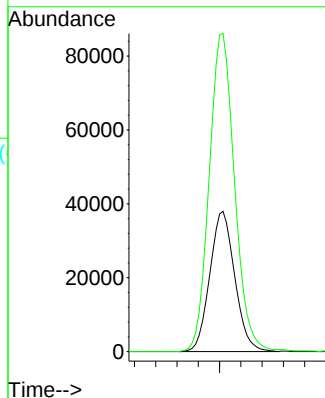
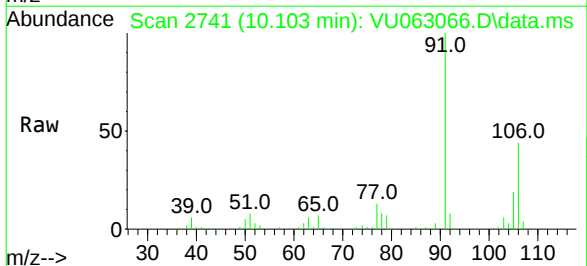
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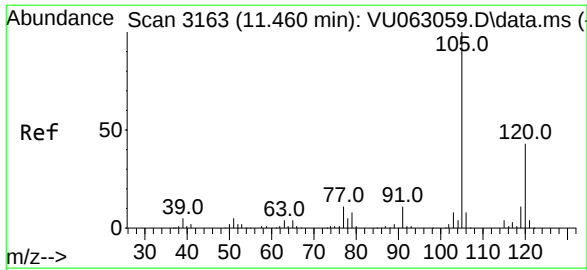
Tgt Ion:106 Resp: 61782

Ion Ratio Lower Upper

106 100

91 226.8 160.4 297.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.507 ug/L
 RT: 11.467 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VU063066.D
 Acq: 28 Jan 2025 14:43

Instrument :
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Tgt Ion:105 Resp: 18679
 Ion Ratio Lower Upper
 105 100
 120 39.2 34.2 51.2

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