

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063065.D
 Acq On : 28 Jan 2025 14:18
 Operator : MD/SY
 Sample : Q1195-14DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2965DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 09:12:22 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	6.303	114	127622	5.000	ug/L	0.06
28) Chlorobenzene-d5	9.422	117	123027	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.804	152	69543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.653	65	13294	2.898	ug/L	0.06
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.000%
7) Chloroethane-d5	1.965	69	14323	4.112	ug/L	0.06
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.628	65	9269	3.378	ug/L	0.07
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.730	46	35928	26.983	ug/L	0.13
Spiked Amount	50.000	Range	40 - 130	Recovery	=	53.960%
24) Chloroform-d	5.110	84	63785	3.500	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.000%
26) 1,2-Dichloroethane-d4	5.775	65	41660	4.005	ug/L	0.09
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
32) Benzene-d6	5.798	84	109973	3.912	ug/L	0.08
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.737	67	34131	4.768	ug/L	0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.917	98	118064	4.247	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.197	79	20000	4.513	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.650	63	62070	56.135	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.280%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	33310	4.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	52083	4.184	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
13) Acetone	2.785	43	7422m	8.620	ug/L	
14) Carbon disulfide	2.849	76	18709	1.102	ug/L #	93
19) 1,1-Dichloroethane	3.930	63	10527	0.856	ug/L	97
40) 4-Methyl-2-pentanone	7.824	43	6116	1.891	ug/L #	83
42) Toluene	7.988	91	163289	4.609	ug/L	100
52) Ethylbenzene	9.573	91	71456	1.731	ug/L	99
53) m,p-Xylene	9.695	106	84903	5.325	ug/L	94
54) o-Xylene	10.100	106	57001	3.902	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	18138	0.496	ug/L	96

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

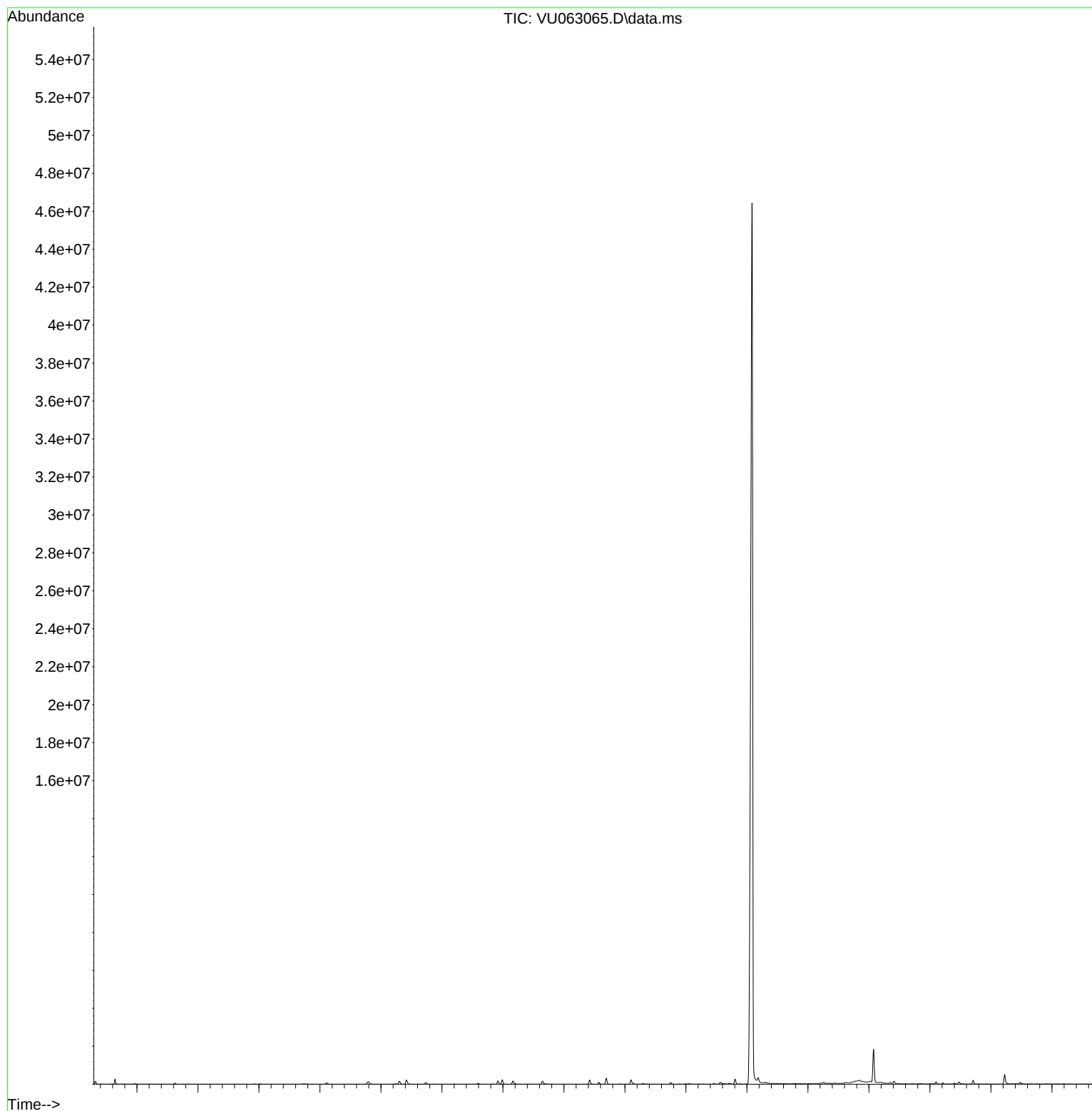
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
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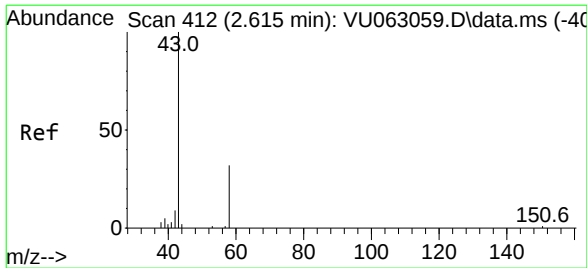
Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration





#13

Acetone

Concen: 8.620 ug/L m

RT: 2.785 min Scan# 465

Delta R.T. 0.174 min

Lab File: VU063065.D

Acq: 28 Jan 2025 14:18

Instrument :

MSVOA_U

ClientSampleId :

E2965DL

Tgt Ion: 43 Resp: 7422

Ion Ratio Lower Upper

43 100

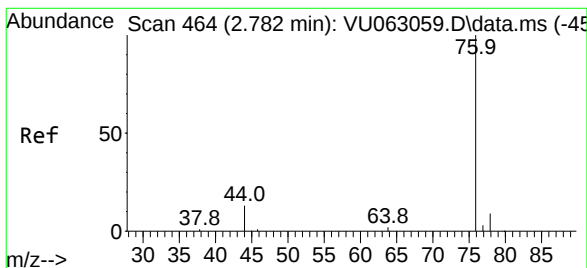
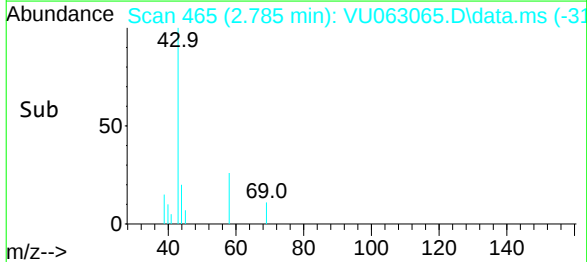
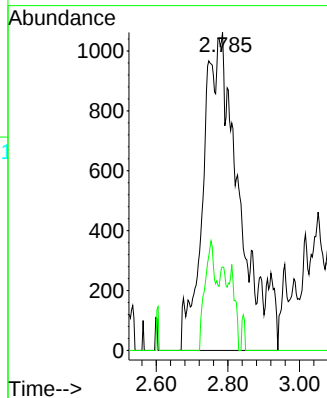
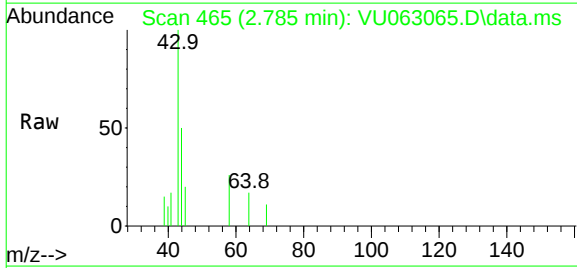
58 0.7 0.0 64.4

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#14

Carbon disulfide

Concen: 1.102 ug/L

RT: 2.849 min Scan# 485

Delta R.T. 0.067 min

Lab File: VU063065.D

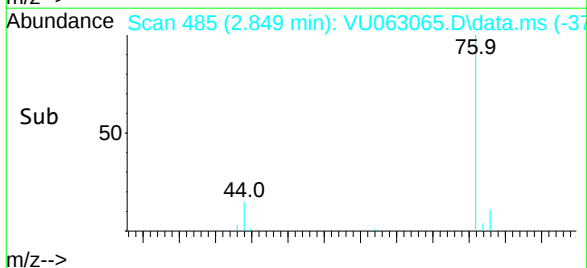
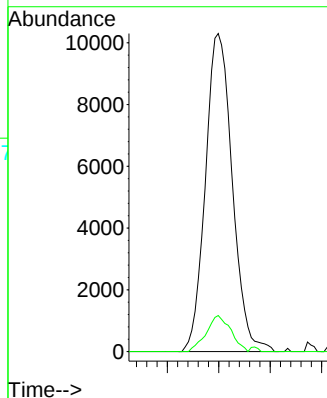
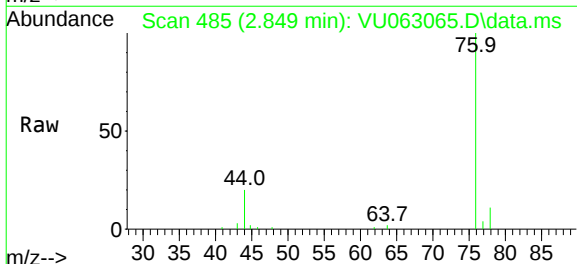
Acq: 28 Jan 2025 14:18

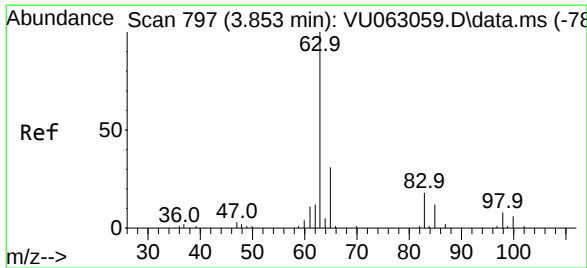
Tgt Ion: 76 Resp: 18709

Ion Ratio Lower Upper

76 100

78 11.3 7.0 10.6#





#19

1,1-Dichloroethane

Concen: 0.856 ug/L

RT: 3.930 min Scan# 82

Delta R.T. 0.077 min

Lab File: VU063065.D

Acq: 28 Jan 2025 14:18

Instrument :

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ClientSampleId :

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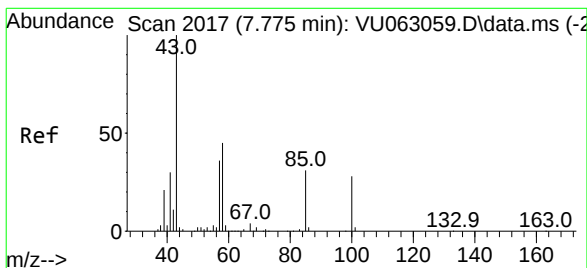
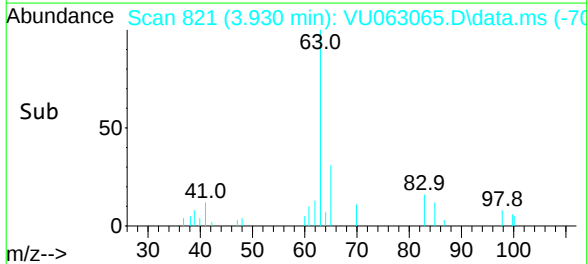
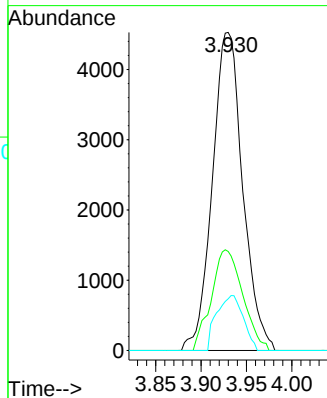
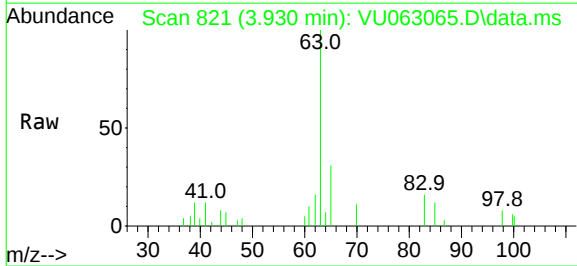
Tgt Ion:	63	Resp:	10527
Ion	Ratio	Lower	Upper
63	100		
65	31.1	20.7	38.5
83	16.2	10.5	19.5

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#40

4-Methyl-2-pentanone

Concen: 1.891 ug/L

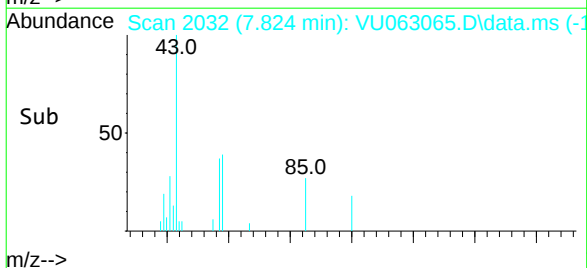
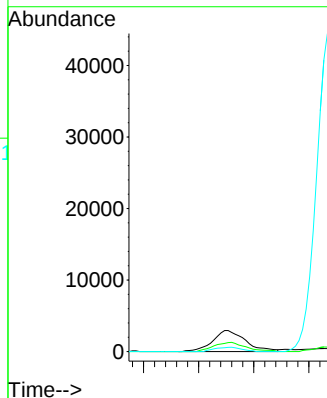
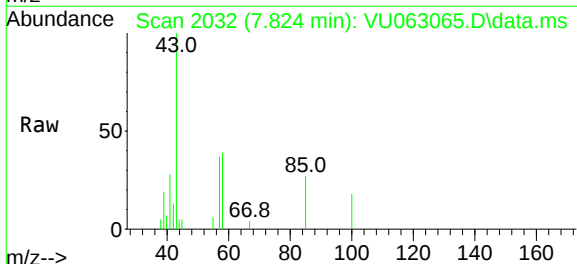
RT: 7.824 min Scan# 2032

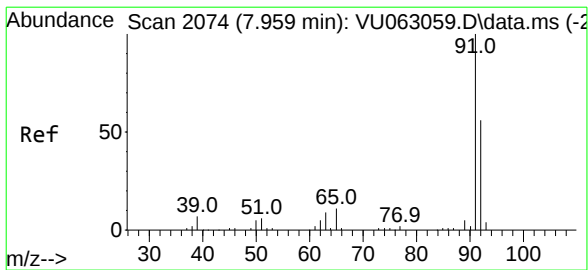
Delta R.T. 0.048 min

Lab File: VU063065.D

Acq: 28 Jan 2025 14:18

Tgt Ion:	43	Resp:	6116
Ion	Ratio	Lower	Upper
43	100		
58	42.7	35.8	53.8
100	0.0	16.8	25.2





#42

Toluene

Concen: 4.609 ug/L

RT: 7.988 min Scan# 2074

Delta R.T. 0.029 min

Lab File: VU063065.D

Acq: 28 Jan 2025 14:18

Instrument :

MSVOA_U

ClientSampleId :

E2965DL

Tgt Ion: 91 Resp: 163289

Ion Ratio Lower Upper

91 100

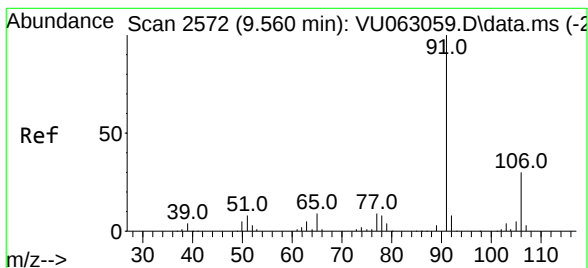
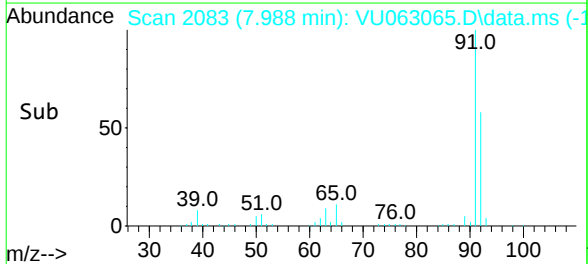
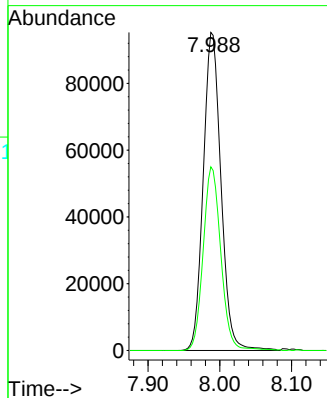
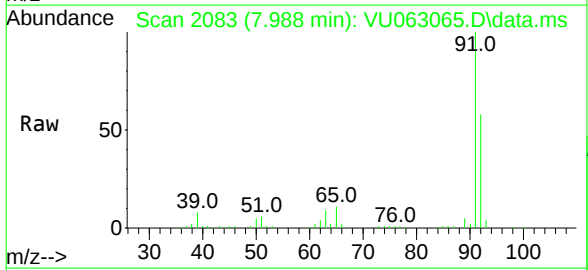
92 57.7 40.4 75.0

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#52

Ethylbenzene

Concen: 1.731 ug/L

RT: 9.573 min Scan# 2576

Delta R.T. 0.013 min

Lab File: VU063065.D

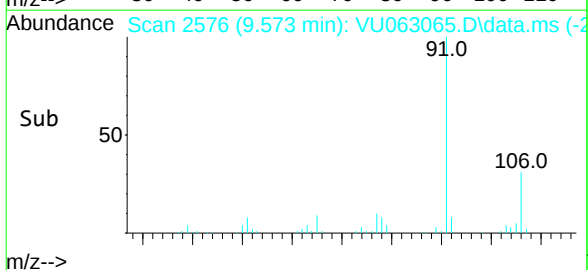
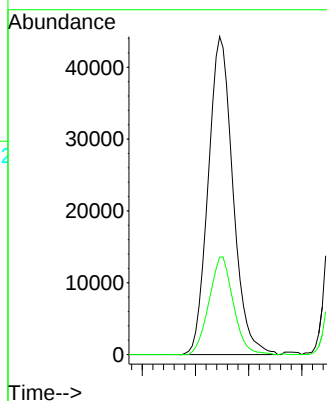
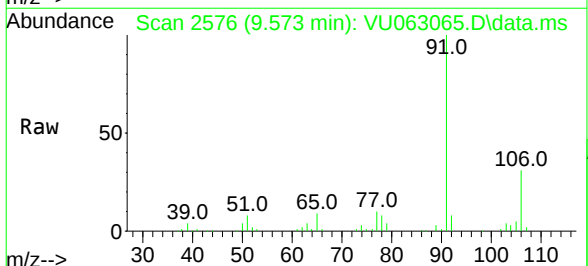
Acq: 28 Jan 2025 14:18

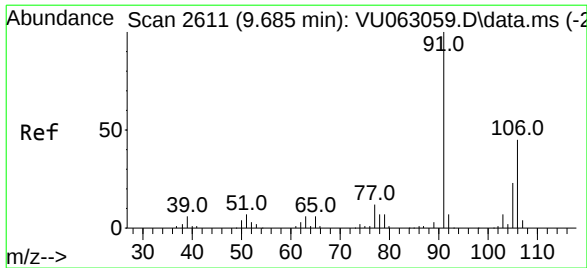
Tgt Ion: 91 Resp: 71456

Ion Ratio Lower Upper

91 100

106 30.6 21.9 40.7





#53

m,p-Xylene

Concen: 5.325 ug/L

RT: 9.695 min Scan# 2611

Delta R.T. 0.013 min

Lab File: VU063065.D

Acq: 28 Jan 2025 14:18

Instrument :

MSVOA_U

ClientSampleId :

E2965DL

Tgt Ion:106 Resp: 84903

Ion Ratio Lower Upper

106 100

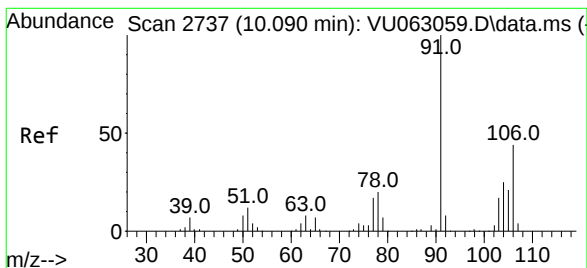
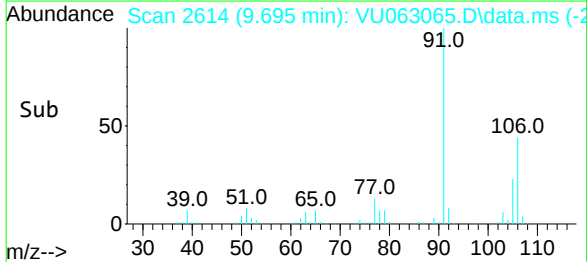
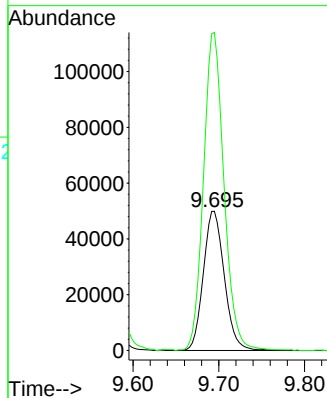
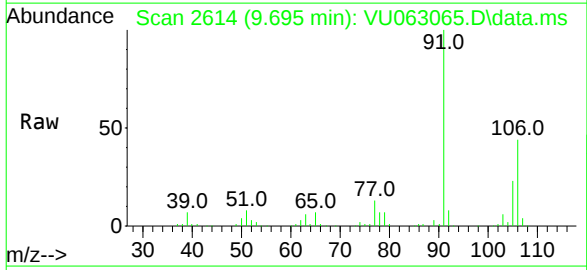
91 228.5 153.1 284.3

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#54

o-Xylene

Concen: 3.902 ug/L

RT: 10.100 min Scan# 2740

Delta R.T. 0.010 min

Lab File: VU063065.D

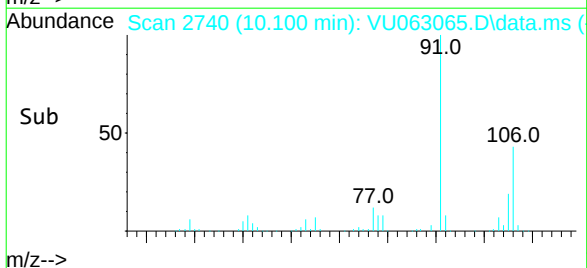
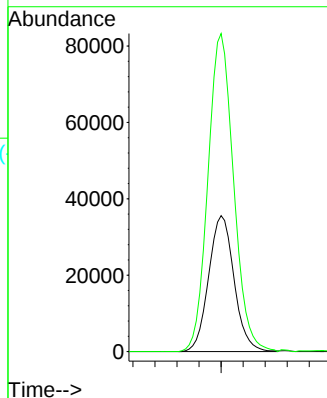
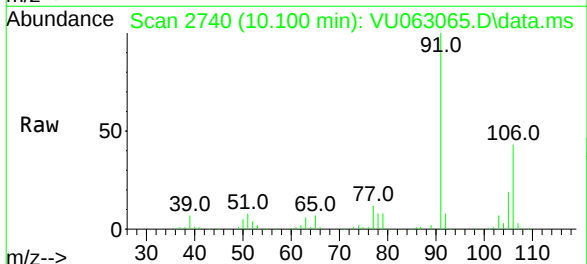
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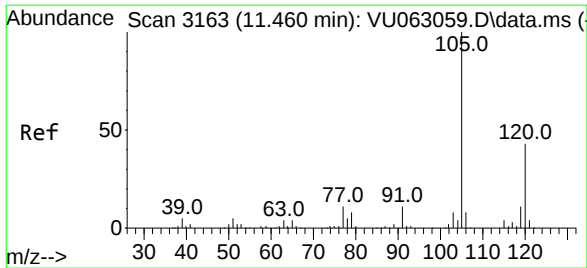
Tgt Ion:106 Resp: 57001

Ion Ratio Lower Upper

106 100

91 233.9 160.4 297.8





#63
1,2,4-Trimethylbenzene
Concen: 0.496 ug/L
RT: 11.463 min Scan# 3163
Delta R.T. 0.006 min
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Instrument :
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Tgt Ion:105 Resp: 18138
Ion Ratio Lower Upper
105 100
120 39.9 34.2 51.2

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