

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062685.D
 Acq On : 10 Jan 2025 15:37
 Operator : MD/SY
 Sample : Q1058-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8X7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2025
 Supervised By : Mahesh Dadoda 01/13/2025

Quant Time: Jan 10 22:45:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.306	114	97869	5.000	ug/L	0.07
28) Chlorobenzene-d5	9.422	117	90831	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.807	152	45104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.640	65	21862	4.033	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.975	69	18802	4.312	ug/L	0.07
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.624	65	12050	4.291	ug/L	0.07
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.769	46	48877	44.120	ug/L	0.16
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.240%
24) Chloroform-d	5.161	84	64031	4.801	ug/L	0.11
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.779	65	36981	5.112	ug/L	0.09
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.798	84	111385	5.017	ug/L	0.08
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.737	67	32069	5.209	ug/L	0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.923	98	106700	4.933	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.200	79	15402	5.019	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.650	63	49222	51.001	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.000%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	24614	4.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	41229	5.494	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
5) Vinyl chloride	1.647	62	29170	4.140	ug/L	99
12) 1,1-Dichloroethene	2.637	96	2391	0.394	ug/L #	1
13) Acetone	2.795	43	113554	129.393	ug/L	93
21) 2-Butanone	4.849	43	608650	520.759	ug/L	98
22) cis-1,2-Dichloroethene	4.740	96	71679	10.112	ug/L	98
34) Trichloroethene	6.589	95	9326	1.046	ug/L	95
42) Toluene	7.991	91	23833008m	833.444	ug/L	

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

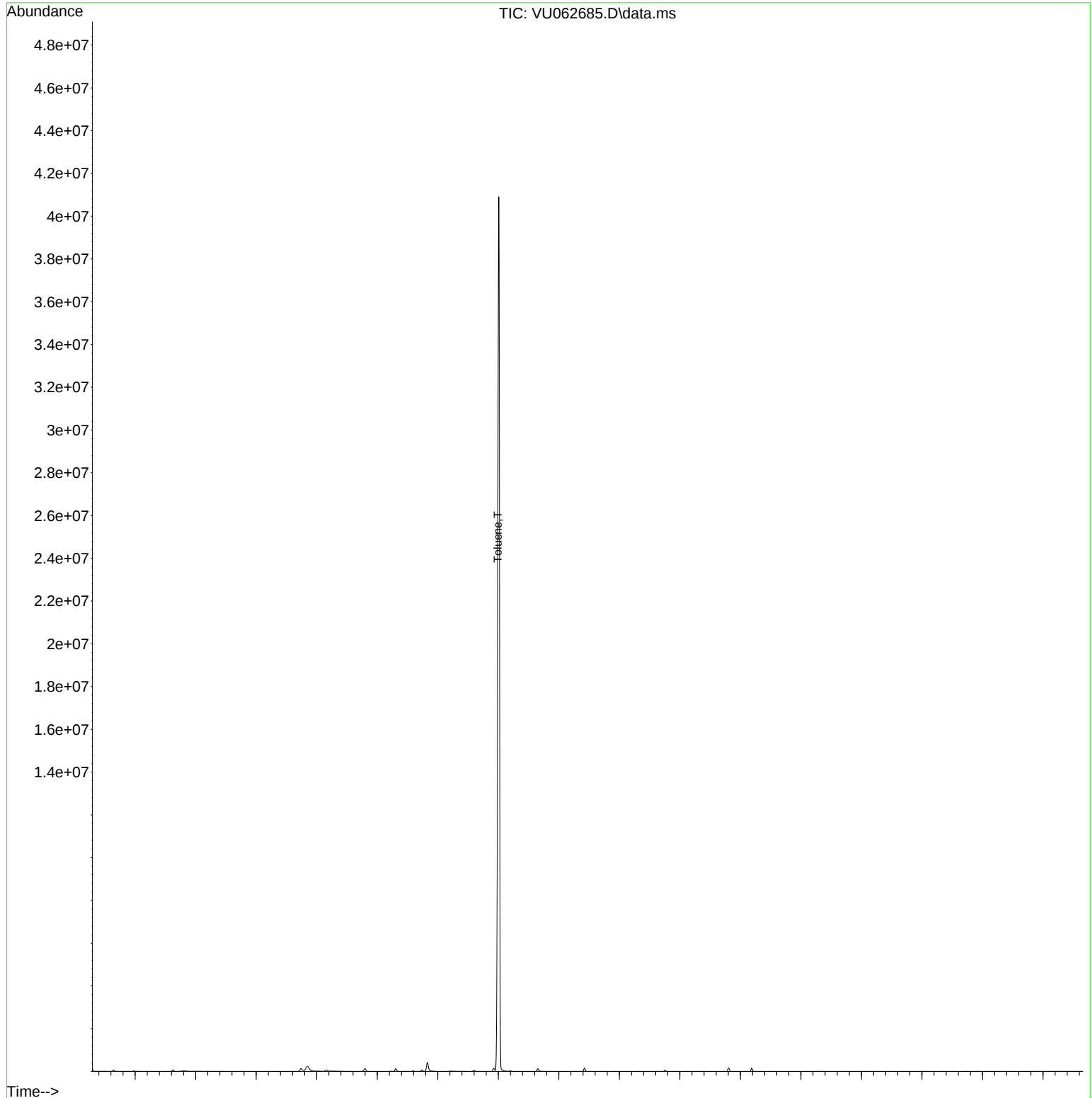
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
Data File : VU062685.D
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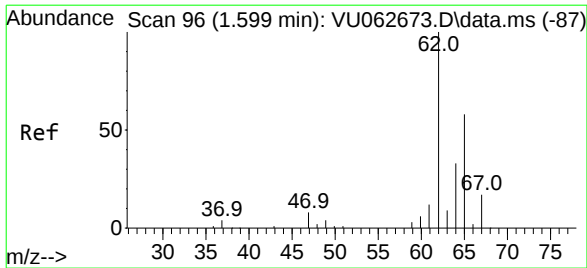
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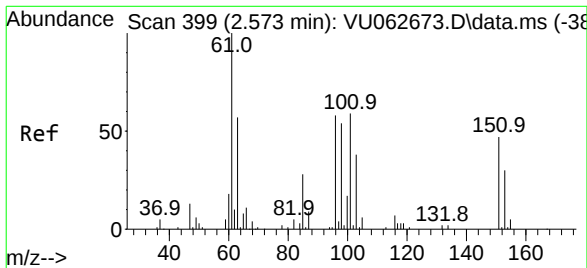
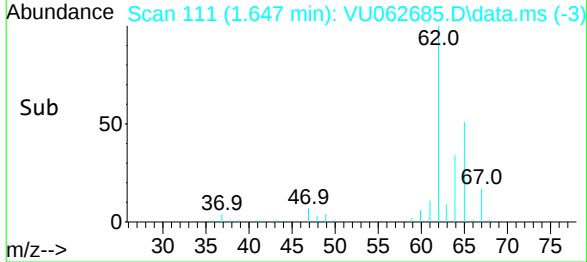
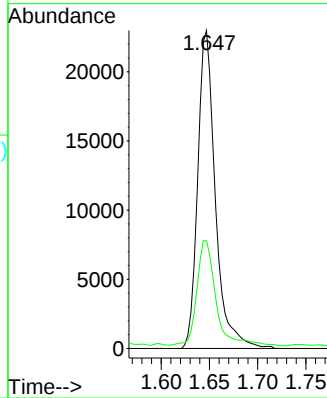
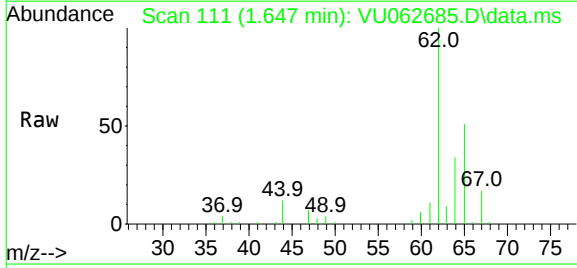
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 Vinyl chloride
 Concen: 4.140 ug/L
 RT: 1.647 min Scan# 111
 Delta R.T. 0.048 min
 Lab File: VU062685.D
 Acq: 10 Jan 2025 15:37

Instrument :
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Tgt Ion: 62 Resp: 29170
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.4 43.4

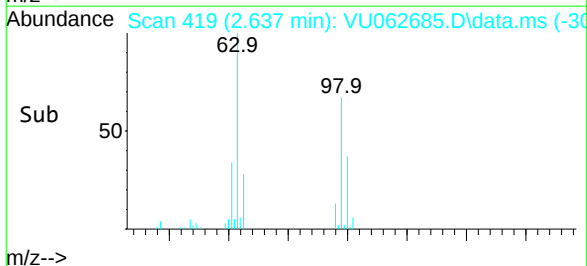
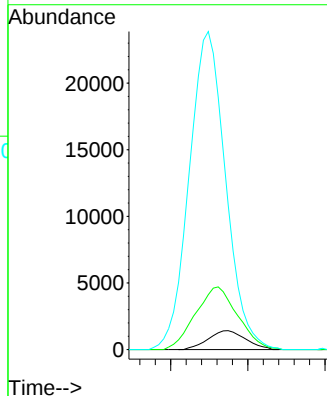
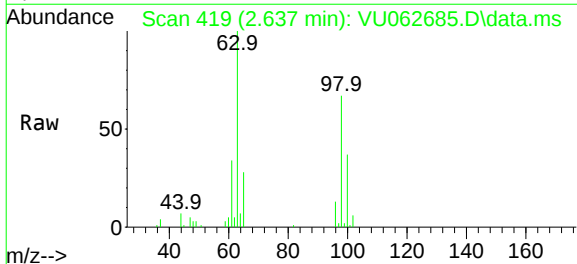
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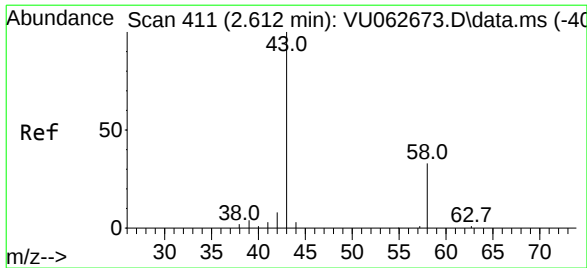
Reviewed By :John Carlone 01/13/2025
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#12
 1,1-Dichloroethene
 Concen: 0.394 ug/L
 RT: 2.637 min Scan# 419
 Delta R.T. 0.064 min
 Lab File: VU062685.D
 Acq: 10 Jan 2025 15:37

Tgt Ion: 96 Resp: 2391
 Ion Ratio Lower Upper
 96 100
 61 260.8 120.4 223.6#
 63 764.3 82.3 152.9#





#13

Acetone

Concen: 129.393 ug/L

RT: 2.795 min Scan# 46

Delta R.T. 0.183 min

Lab File: VU062685.D

Acq: 10 Jan 2025 15:37

Instrument :

MSVOA_U

ClientSampleId :

BH8X7

Tgt Ion: 43 Resp: 113554

Ion Ratio Lower Upper

43 100

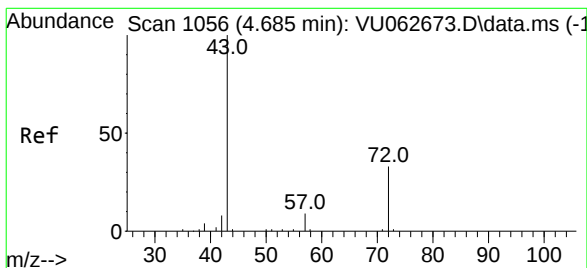
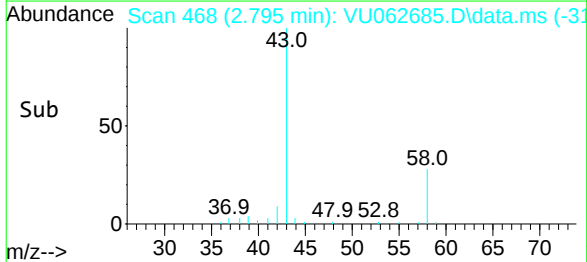
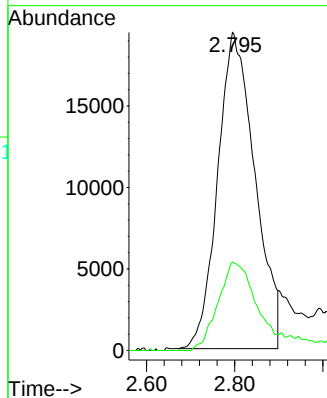
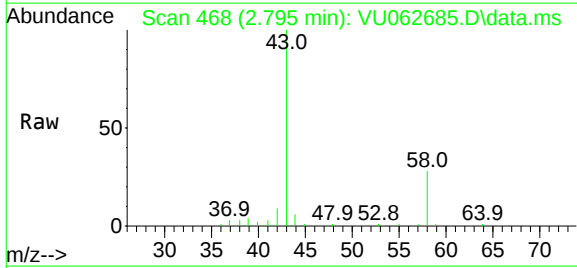
58 28.2 0.0 64.4

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#21

2-Butanone

Concen: 520.759 ug/L

RT: 4.849 min Scan# 1107

Delta R.T. 0.164 min

Lab File: VU062685.D

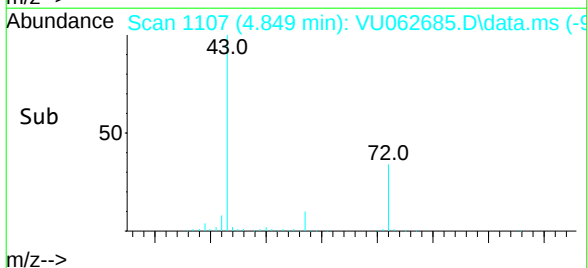
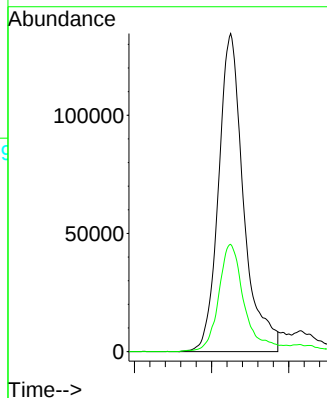
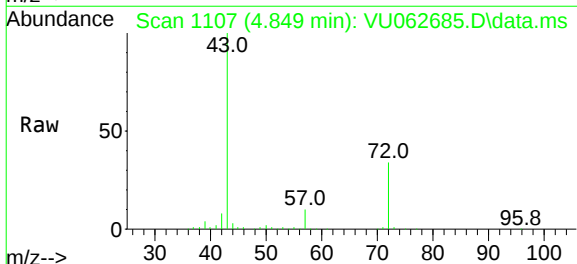
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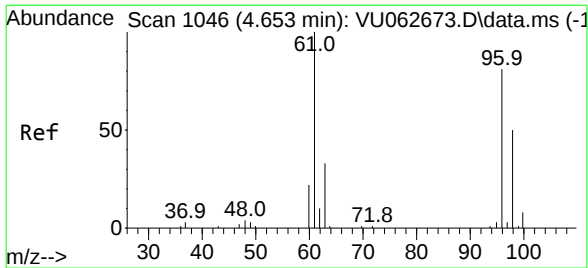
Tgt Ion: 43 Resp: 608650

Ion Ratio Lower Upper

43 100

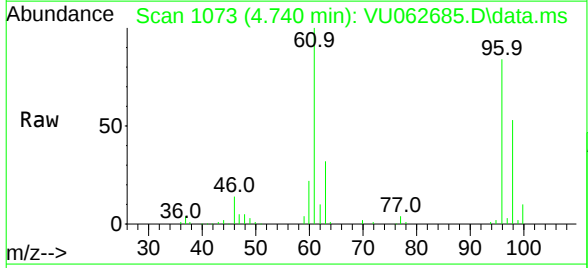
72 33.0 17.1 51.2





#22
 cis-1,2-Dichloroethene
 Concen: 10.112 ug/L
 RT: 4.740 min Scan# 1046
 Delta R.T. 0.087 min
 Lab File: VU062685.D
 Acq: 10 Jan 2025 15:37

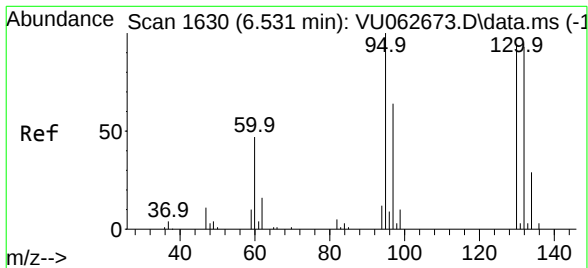
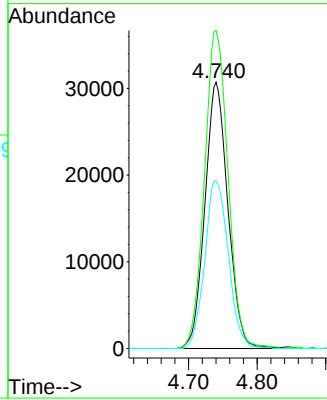
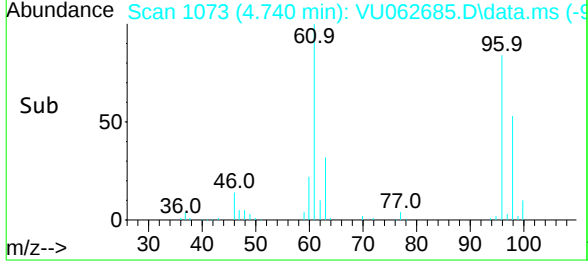
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 MSVOA_U
 ClientSampleId :
 BH8X7



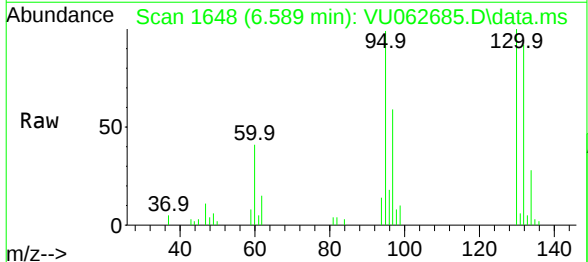
Tgt Ion	96	Resp	71679
Ion	Ratio	Lower	Upper
96	100		
61	119.5	84.8	157.6
98	62.9	43.1	80.1

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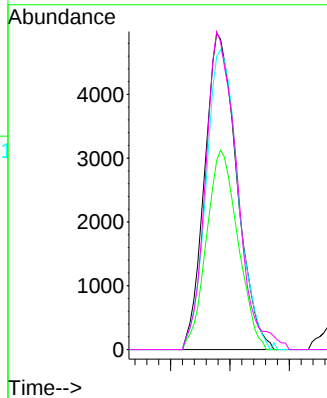
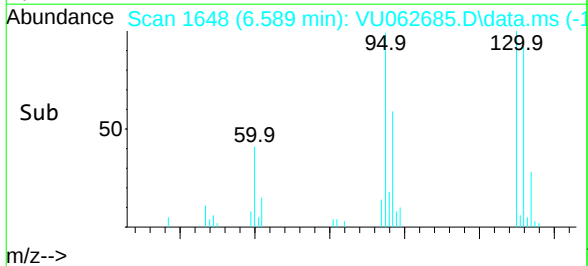
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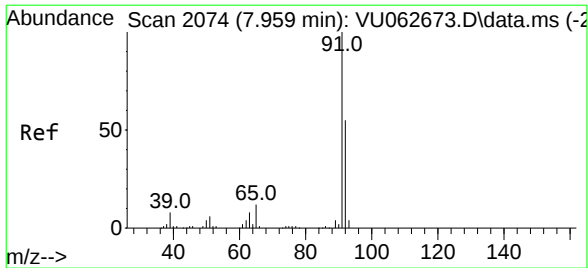


#34
 Trichloroethene
 Concen: 1.046 ug/L
 RT: 6.589 min Scan# 1648
 Delta R.T. 0.058 min
 Lab File: VU062685.D
 Acq: 10 Jan 2025 15:37



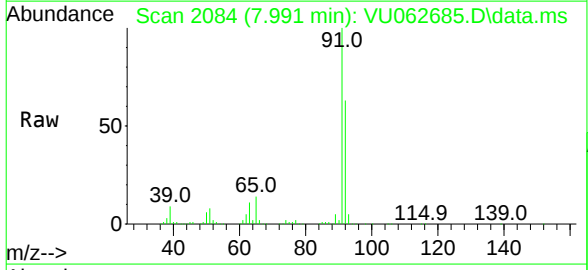
Tgt Ion	95	Resp	9326
Ion	Ratio	Lower	Upper
95	100		
97	59.8	47.5	88.3
132	92.7	66.9	124.3
130	100.6	68.6	127.4





#42
Toluene
Concen: 833.444 ug/L m
RT: 7.991 min Scan# 20
Delta R.T. 0.032 min
Lab File: VU062685.D
Acq: 10 Jan 2025 15:37

Instrument :
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Tgt Ion: 91 Resp:23833008
Ion Ratio Lower Upper
91 100
92 63.2 40.4 75.0

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