

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062686.D
 Acq On : 10 Jan 2025 16:02
 Operator : MD/SY
 Sample : Q1058-20
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Y9

Manual Integrations
 APPROVED

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

Quant Time: Jan 10 22:46:17 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	6.238	114	92321	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	84574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43242	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20946	4.097	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.904	69	18028	4.383	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.557	65	11466	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.618	46	61459	58.811	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.620%
24) Chloroform-d	5.049	84	62855	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.689	65	35755	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.714	84	103192	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.679	67	30127	5.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.888	98	99746	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.171	79	16263	5.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.800%
46) 2-Hexanone-d5	8.624	63	53490	59.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.040%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26984	5.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	39571	5.500	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%

Target Compounds						Qvalue
5) Vinyl chloride	1.595	62	2562	0.385	ug/L #	70
12) 1,1-Dichloroethene	2.566	96	73875	12.890	ug/L #	80
13) Acetone	2.631	43	16041	19.377	ug/L	99
19) 1,1-Dichloroethane	3.853	63	29857	2.720	ug/L	96
21) 2-Butanone	4.718	43	4960m	4.499	ug/L	
22) cis-1,2-Dichloroethene	4.653	96	80286	12.007	ug/L	97
34) Trichloroethene	6.528	95	1445262	174.114	ug/L	98
42) Toluene	7.959	91	43964	1.651	ug/L	94

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

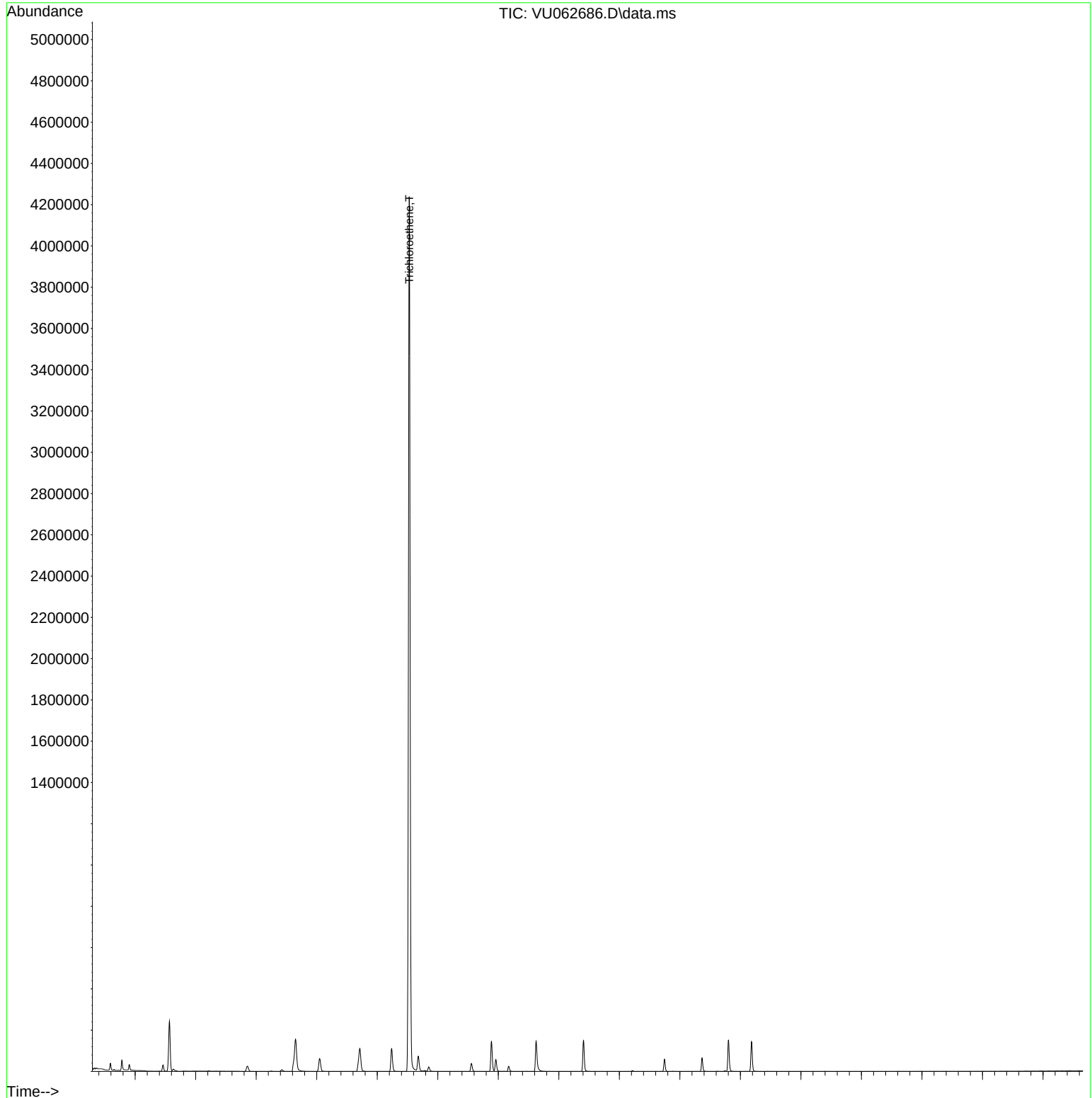
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
Data File : VU062686.D
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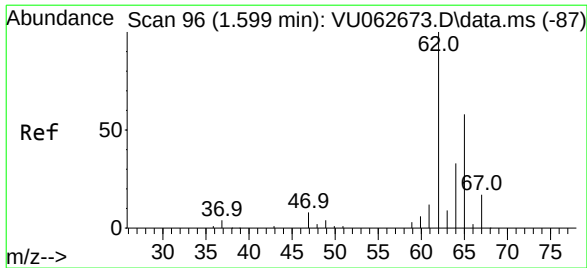
Instrument :
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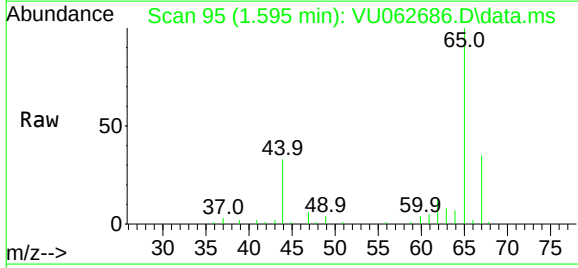
Quant Time: Jan 10 22:46:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.385 ug/L
 RT: 1.595 min Scan# 95
 Delta R.T. -0.003 min
 Lab File: VU062686.D
 Acq: 10 Jan 2025 16:02

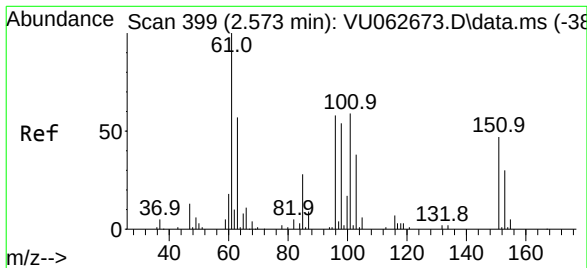
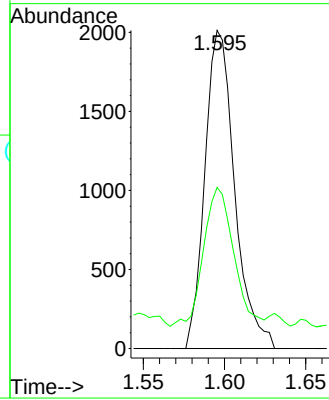
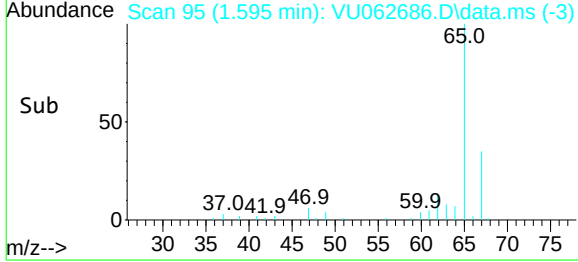
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Tgt Ion: 62 Resp: 2562
 Ion Ratio Lower Upper
 62 100
 64 50.6 23.4 43.4#

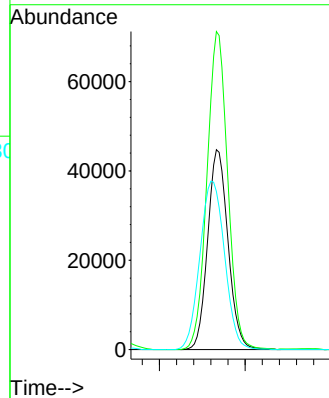
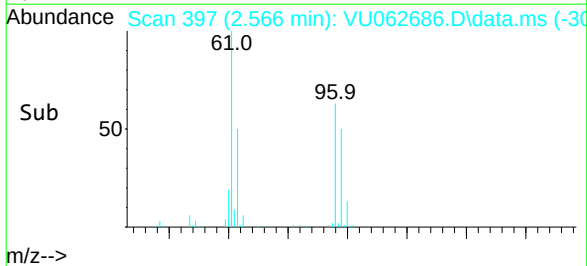
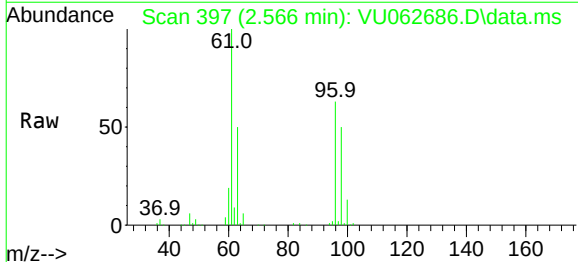
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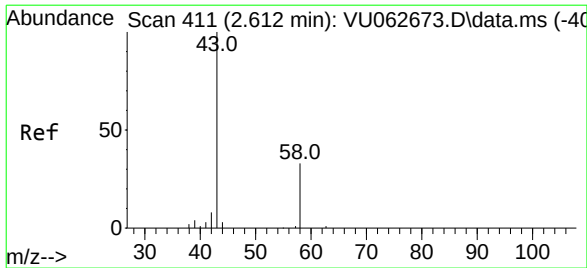
Reviewed By :John Carlone 01/13/2025
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#12
 1,1-Dichloroethene
 Concen: 12.890 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.007 min
 Lab File: VU062686.D
 Acq: 10 Jan 2025 16:02

Tgt Ion: 96 Resp: 73875
 Ion Ratio Lower Upper
 96 100
 61 159.1 120.4 223.6
 63 79.1 82.3 152.9#





#13

Acetone

Concen: 19.377 ug/L

RT: 2.631 min Scan# 411

Delta R.T. 0.019 min

Lab File: VU062686.D

Acq: 10 Jan 2025 16:02

Instrument :

MSVOA_U

ClientSampleId :

BH8Y9

Tgt Ion: 43 Resp: 16041

Ion Ratio Lower Upper

43 100

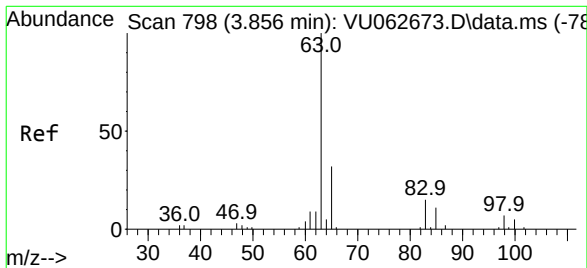
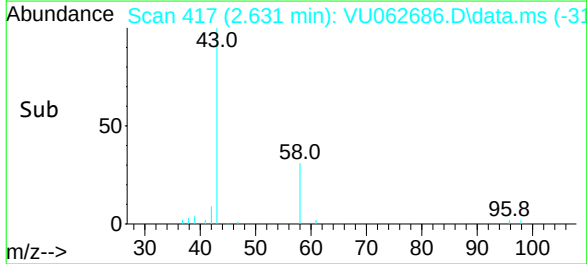
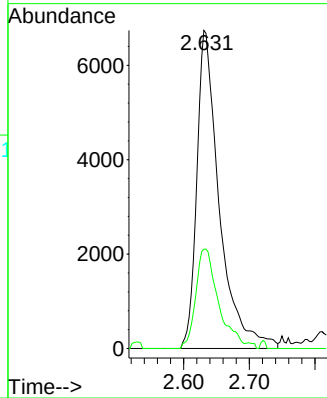
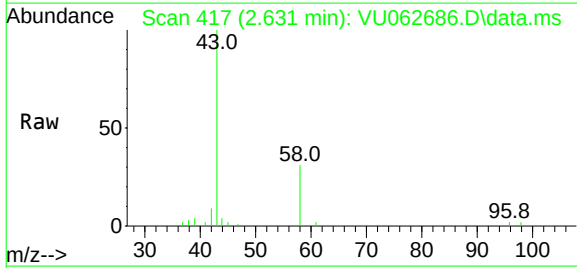
58 31.6 0.0 64.4

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#19

1,1-Dichloroethane

Concen: 2.720 ug/L

RT: 3.853 min Scan# 797

Delta R.T. -0.003 min

Lab File: VU062686.D

Acq: 10 Jan 2025 16:02

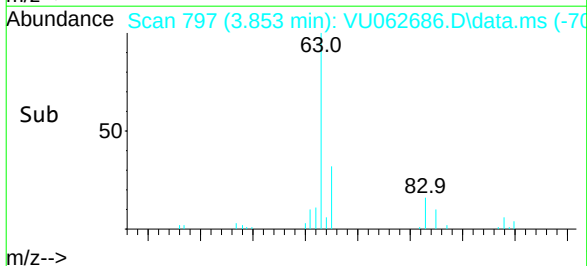
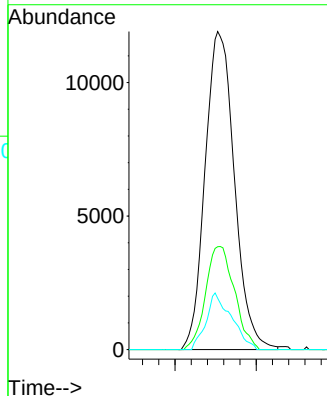
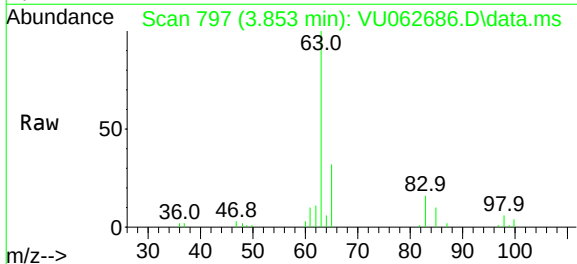
Tgt Ion: 63 Resp: 29857

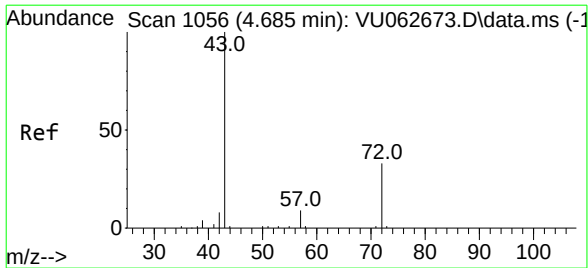
Ion Ratio Lower Upper

63 100

65 32.3 20.7 38.5

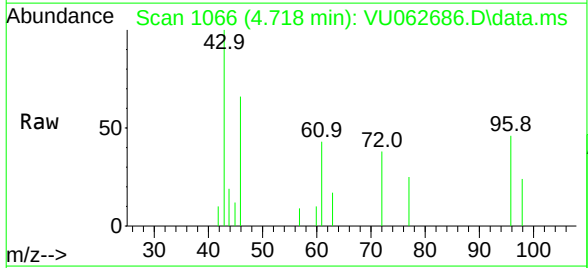
83 16.1 10.5 19.5





#21
2-Butanone
Concen: 4.499 ug/L m
RT: 4.718 min Scan# 1066
Delta R.T. 0.032 min
Lab File: VU062686.D
Acq: 10 Jan 2025 16:02

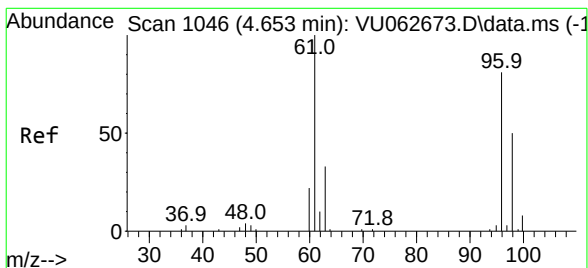
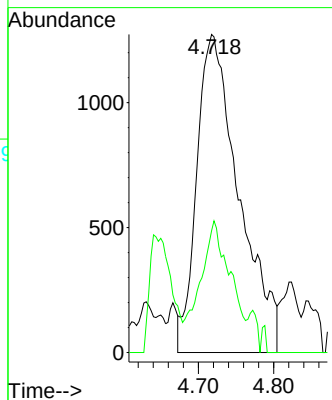
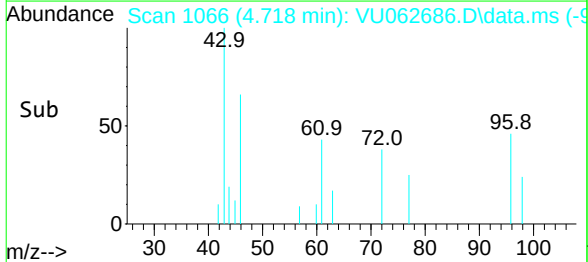
Instrument :
MSVOA_U
ClientSampleId :
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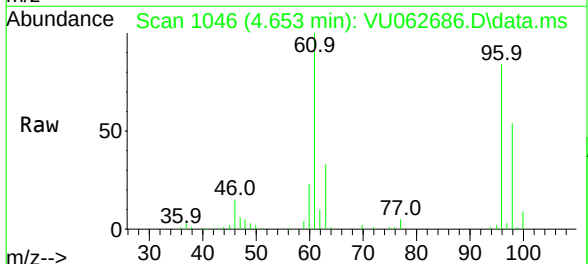
Tgt Ion: 43 Resp: 4960
Ion Ratio Lower Upper
43 100
72 30.0 17.1 51.2

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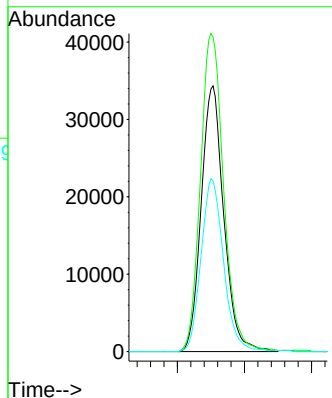
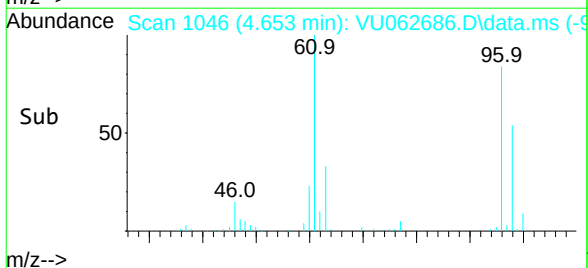
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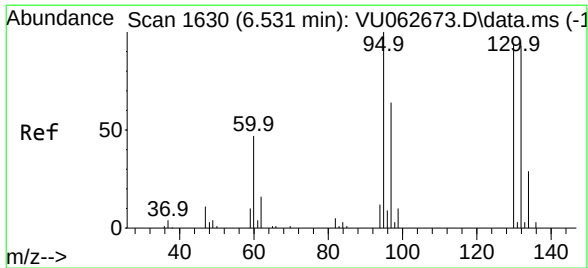


#22
cis-1,2-Dichloroethene
Concen: 12.007 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU062686.D
Acq: 10 Jan 2025 16:02



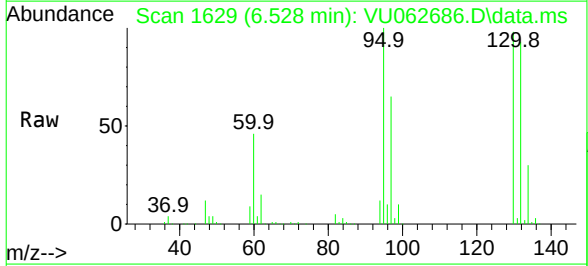
Tgt Ion: 96 Resp: 80286
Ion Ratio Lower Upper
96 100
61 118.4 84.8 157.6
98 64.3 43.1 80.1





#34
 Trichloroethene
 Concen: 174.114 ug/L
 RT: 6.528 min Scan# 16
 Delta R.T. -0.003 min
 Lab File: VU062686.D
 Acq: 10 Jan 2025 16:02

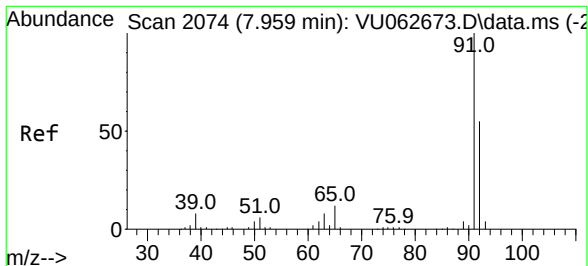
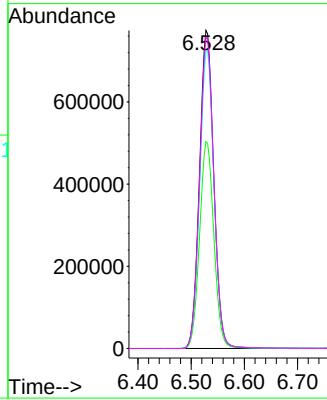
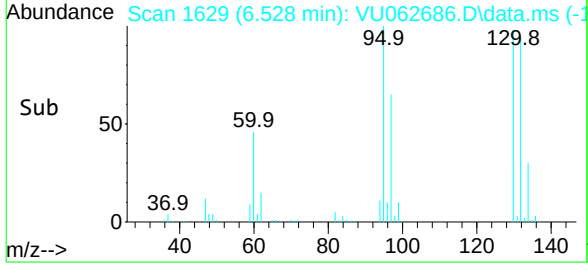
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 MSVOA_U
 ClientSampleId :
 BH8Y9



Tgt Ion: 95 Resp: 1445262
 Ion Ratio Lower Upper
 95 100
 97 65.0 47.5 88.3
 132 93.5 66.9 124.3
 130 97.8 68.6 127.4

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#42
 Toluene
 Concen: 1.651 ug/L
 RT: 7.959 min Scan# 2074
 Delta R.T. -0.000 min
 Lab File: VU062686.D
 Acq: 10 Jan 2025 16:02

Tgt Ion: 91 Resp: 43964
 Ion Ratio Lower Upper
 91 100
 92 61.8 40.4 75.0

