

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062684.D
 Acq On : 10 Jan 2025 15:13
 Operator : MD/SY
 Sample : Q1058-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8X5

Quant Time: Jan 10 22:45:38 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	90992	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40790	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21073	4.182	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.904	69	18800	4.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.557	65	11281	4.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.605	46	59493	57.761	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.520%
24) Chloroform-d	5.049	84	61137	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.689	65	35716	5.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.714	84	102935	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.679	67	28962	5.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.888	98	95448	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.171	79	14559	5.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.621	63	48471	54.512	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26217	5.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	36832	5.427	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%

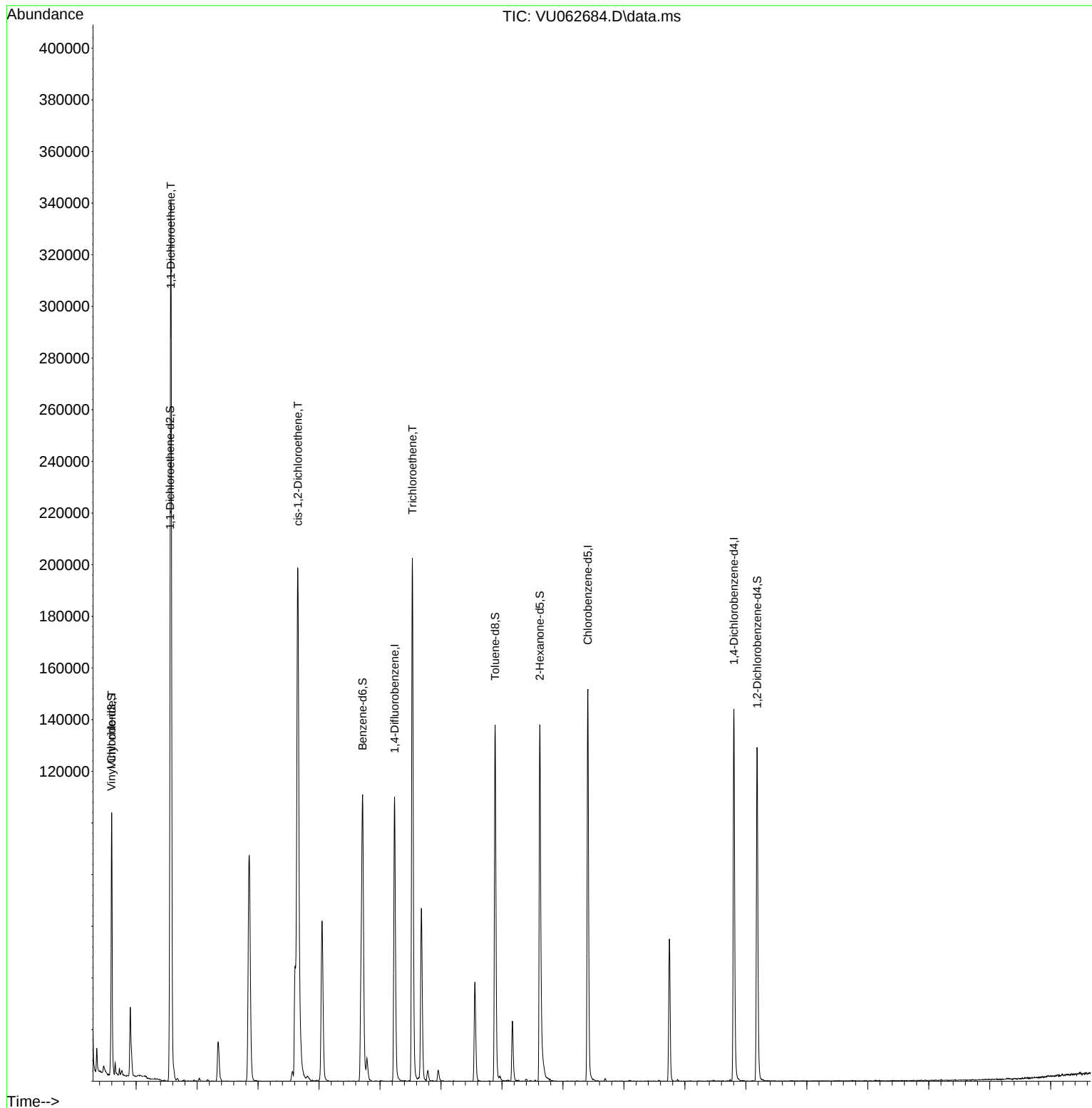
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	49942	7.624	ug/L	99
8) Chloroethane	1.923	64	4859	1.235	ug/L	96
12) 1,1-Dichloroethene	2.570	96	108536	19.215	ug/L #	77
13) Acetone	2.618	43	4086	5.008	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	2525	0.163	ug/L	92
18) trans-1,2-Dichloroethene	3.341	96	6450	1.066	ug/L	95
19) 1,1-Dichloroethane	3.853	63	100519	9.290	ug/L	95
21) 2-Butanone	4.692	43	20101	18.498	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	108495	16.463	ug/L	97
27) 1,2-Dichloroethane	5.785	62	7574	0.870	ug/L	98
34) Trichloroethene	6.531	95	69906	8.511	ug/L	96

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

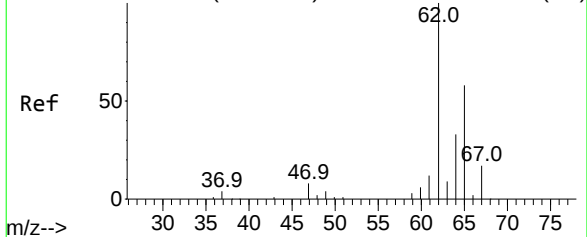
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
Data File : VU062684.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration



Abundance Scan 96 (1.599 min): VU062673.D\data.ms (-87)



#5

Vinyl chloride

Concen: 7.624 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU062684.D

Acq: 10 Jan 2025 15:13

Instrument :

MSVOA_U

ClientSampleId :

BH8X5

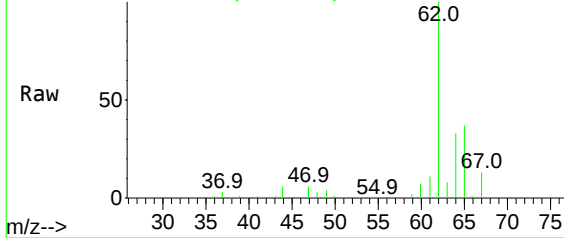
Tgt Ion: 62 Resp: 49942

Ion Ratio Lower Upper

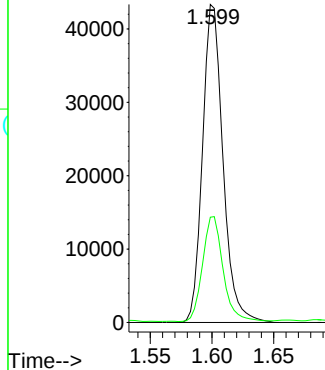
62 100

64 33.1 23.4 43.4

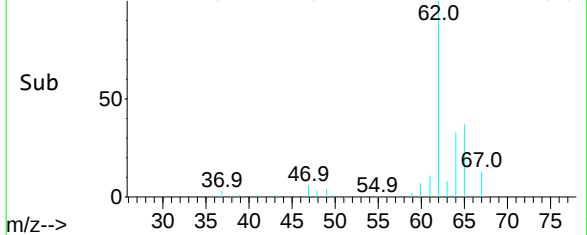
Abundance Scan 96 (1.599 min): VU062684.D\data.ms



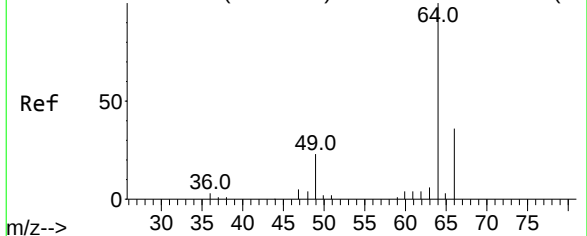
Abundance



Abundance Scan 96 (1.599 min): VU062684.D\data.ms (-3)



Abundance Scan 197 (1.924 min): VU062673.D\data.ms (-16)



#8

Chloroethane

Concen: 1.235 ug/L

RT: 1.923 min Scan# 197

Delta R.T. -0.000 min

Lab File: VU062684.D

Acq: 10 Jan 2025 15:13

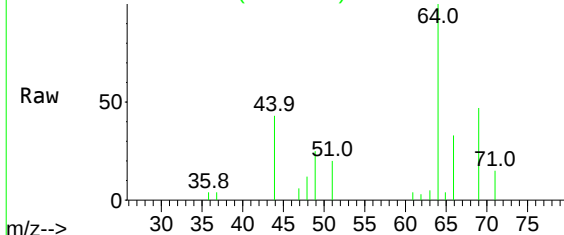
Tgt Ion: 64 Resp: 4859

Ion Ratio Lower Upper

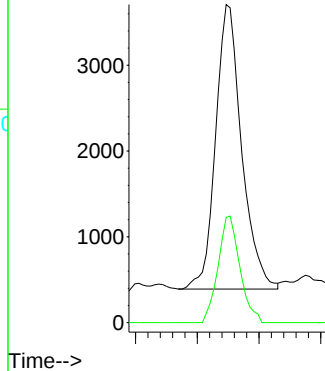
64 100

66 33.1 21.6 40.2

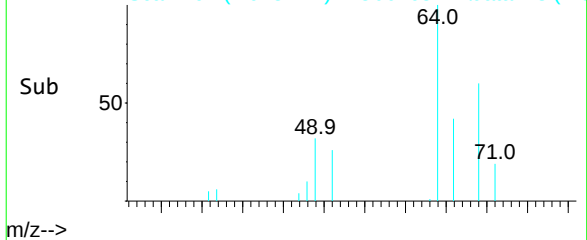
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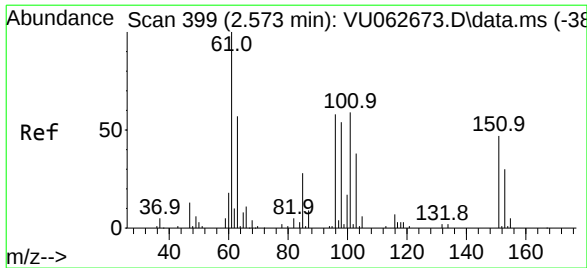


Abundance



Abundance Scan 197 (1.923 min): VU062684.D\data.ms (-10)

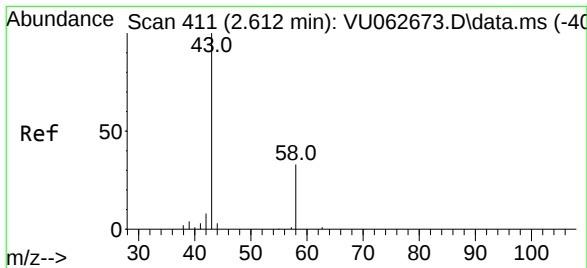
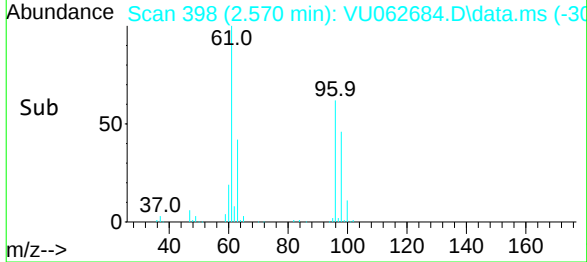
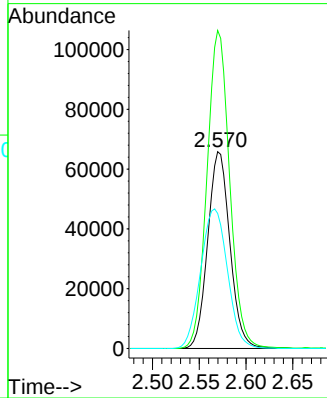
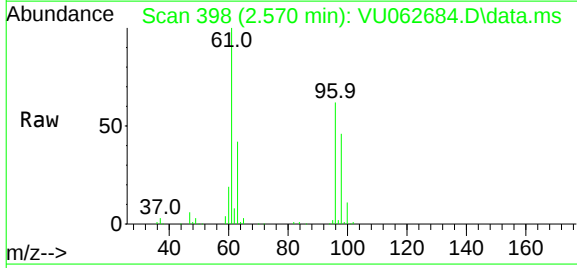




#12
1,1-Dichloroethene
Concen: 19.215 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

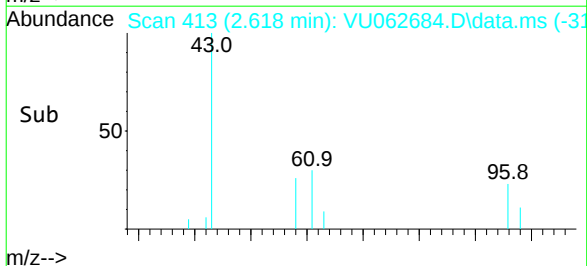
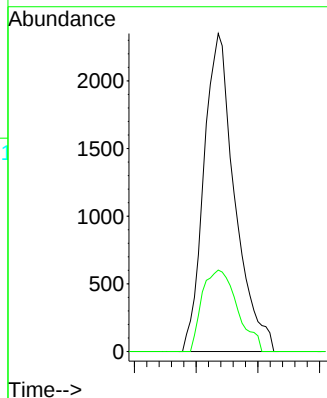
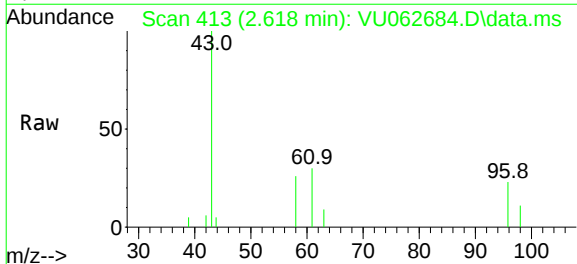
Instrument :
MSVOA_U
ClientSampleId :
BH8X5

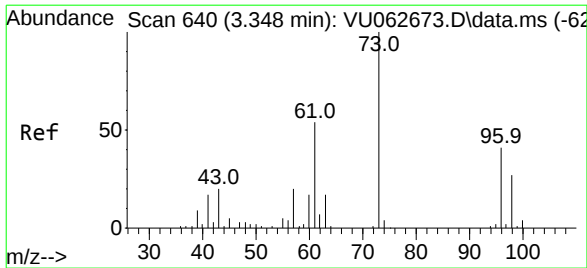
Tgt Ion: 96 Resp: 108536
Ion Ratio Lower Upper
96 100
61 161.6 120.4 223.6
63 68.6 82.3 152.9#



#13
Acetone
Concen: 5.008 ug/L
RT: 2.618 min Scan# 413
Delta R.T. 0.006 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

Tgt Ion: 43 Resp: 4086
Ion Ratio Lower Upper
43 100
58 29.1 0.0 64.4

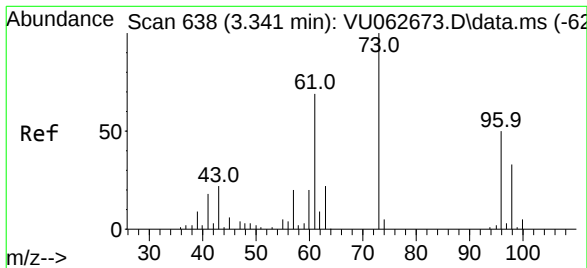
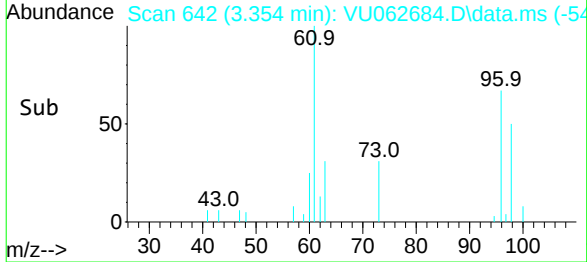
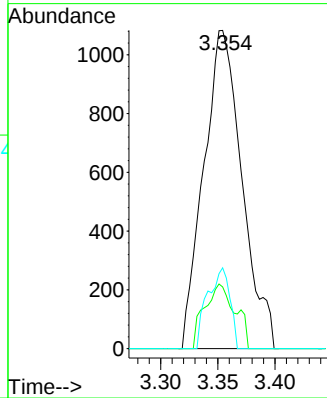
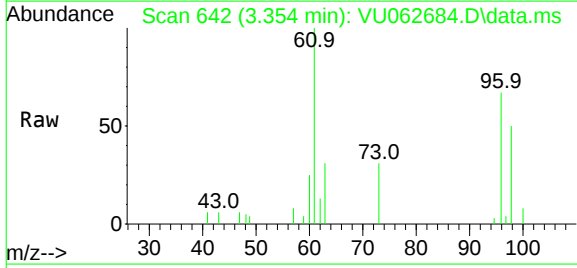




#17
Methyl tert-butyl Ether
Concen: 0.163 ug/L
RT: 3.354 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

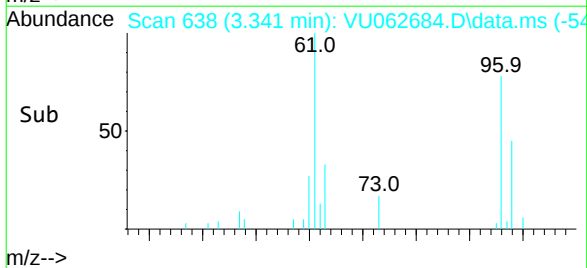
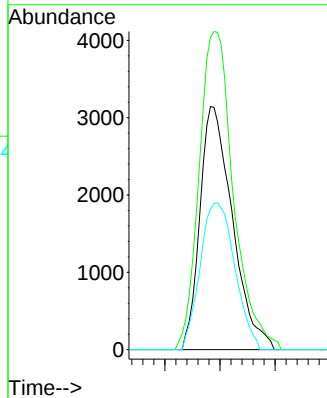
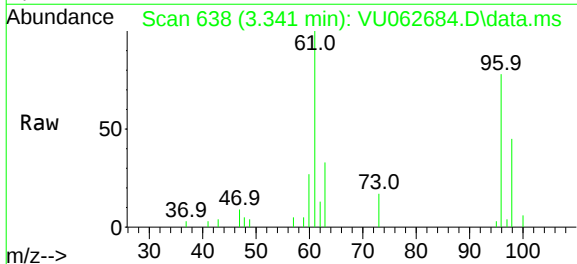
Instrument :
MSVOA_U
ClientSampleId :
BH8X5

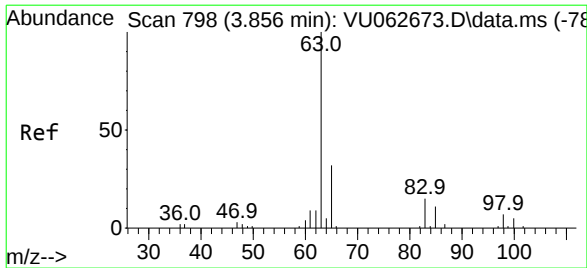
Tgt Ion:	73	Resp:	2525
Ion	Ratio	Lower	Upper
73	100		
43	16.3	16.2	24.4
57	14.8	14.6	22.0



#18
trans-1,2-Dichloroethene
Concen: 1.066 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

Tgt Ion:	96	Resp:	6450
Ion	Ratio	Lower	Upper
96	100		
61	128.6	94.4	175.2
98	57.9	42.8	79.4

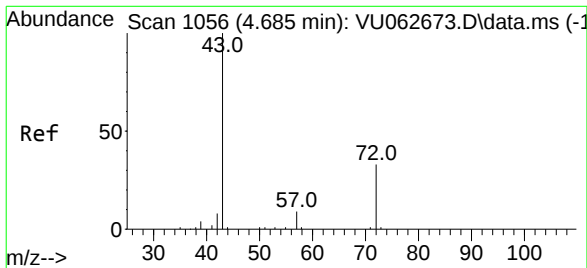
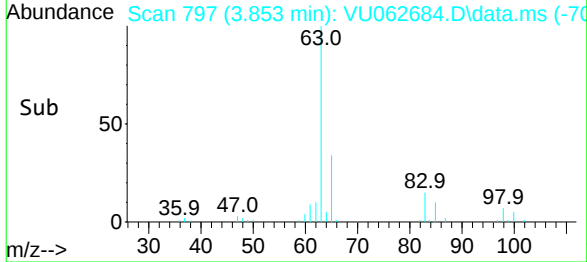
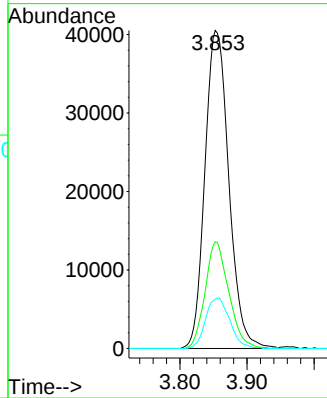
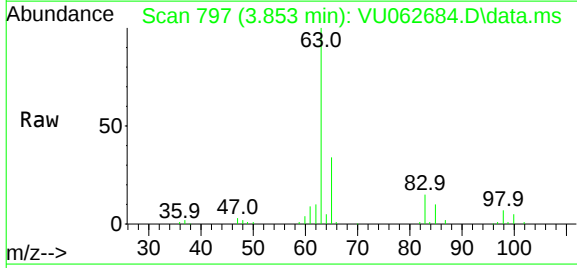




#19
1,1-Dichloroethane
Concen: 9.290 ug/L
RT: 3.853 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

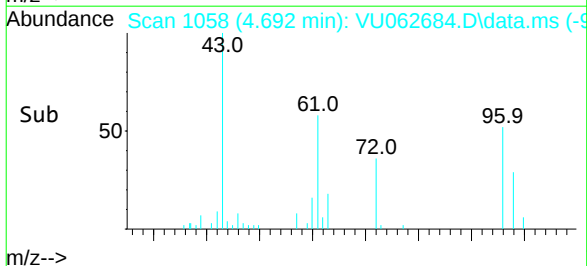
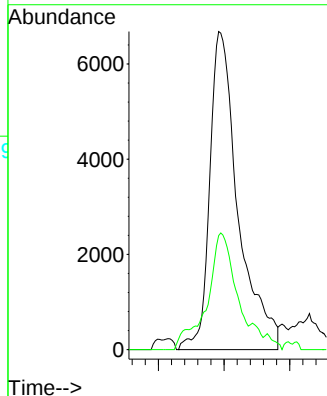
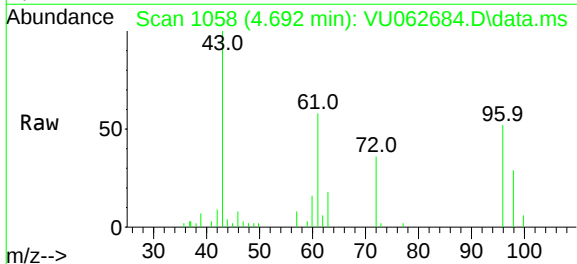
Instrument :
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ClientSampleId :
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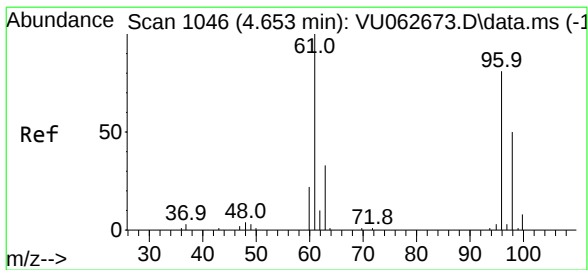
Tgt Ion: 63 Resp: 100519
Ion Ratio Lower Upper
63 100
65 33.6 20.7 38.5
83 15.5 10.5 19.5



#21
2-Butanone
Concen: 18.498 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

Tgt Ion: 43 Resp: 20101
Ion Ratio Lower Upper
43 100
72 36.0 17.1 51.2

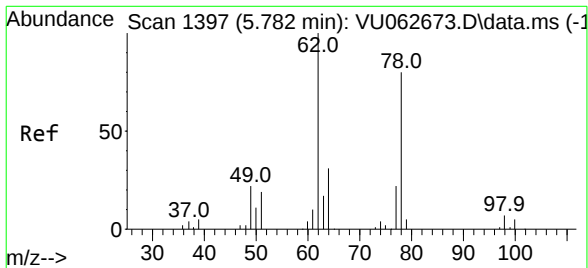
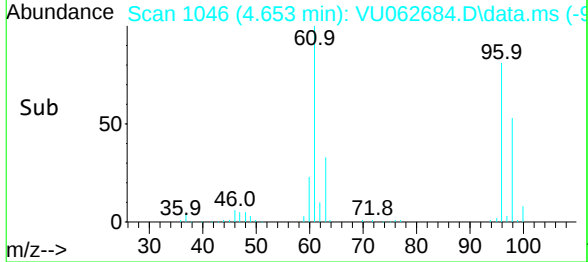
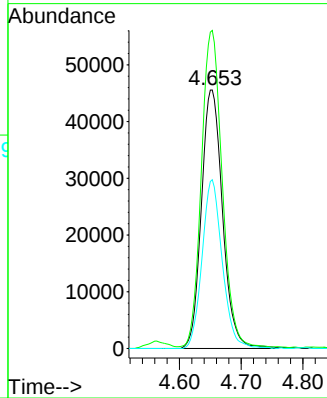
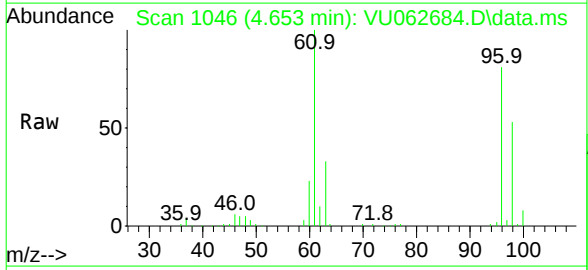




#22
 cis-1,2-Dichloroethene
 Concen: 16.463 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062684.D
 Acq: 10 Jan 2025 15:13

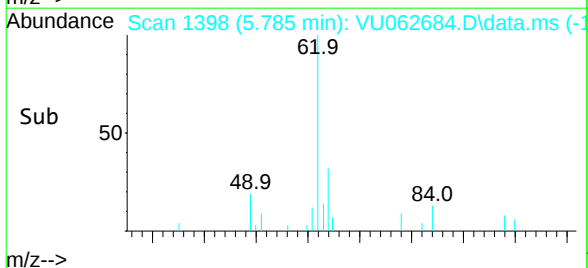
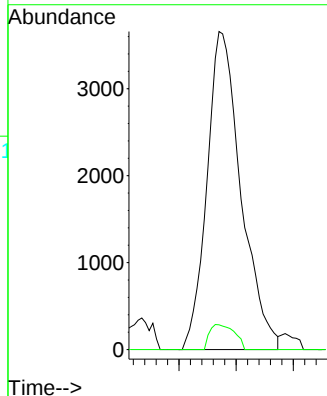
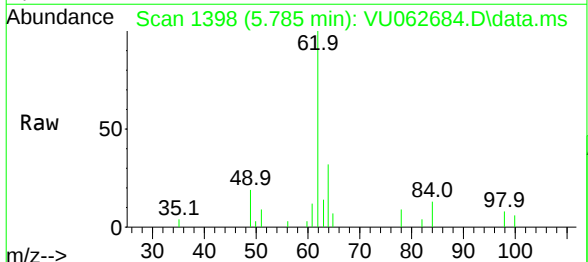
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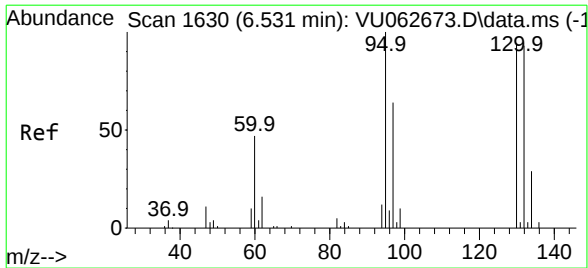
Tgt Ion:	96	Resp:	108495
Ion	Ratio	Lower	Upper
96	100		
61	123.1	84.8	157.6
98	65.3	43.1	80.1



#27
 1,2-Dichloroethane
 Concen: 0.870 ug/L
 RT: 5.785 min Scan# 1398
 Delta R.T. 0.003 min
 Lab File: VU062684.D
 Acq: 10 Jan 2025 15:13

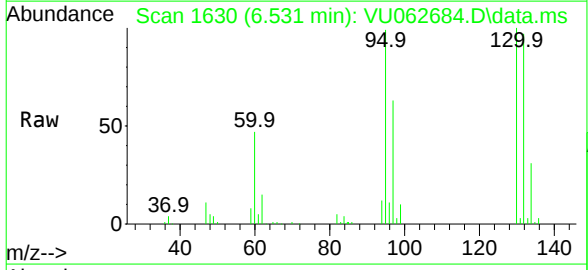
Tgt Ion:	62	Resp:	7574
Ion	Ratio	Lower	Upper
62	100		
98	7.8	5.8	8.6





#34
 Trichloroethene
 Concen: 8.511 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VU062684.D
 Acq: 10 Jan 2025 15:13

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	95	Resp:	69906
Ion	Ratio	Lower	Upper
95	100		
97	64.3	47.5	88.3
132	98.7	66.9	124.3
130	101.4	68.6	127.4

