

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062678.D
 Acq On : 10 Jan 2025 12:34
 Operator : MD/SY
 Sample : Q1058-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8X4

Quant Time: Jan 10 22:43:54 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)

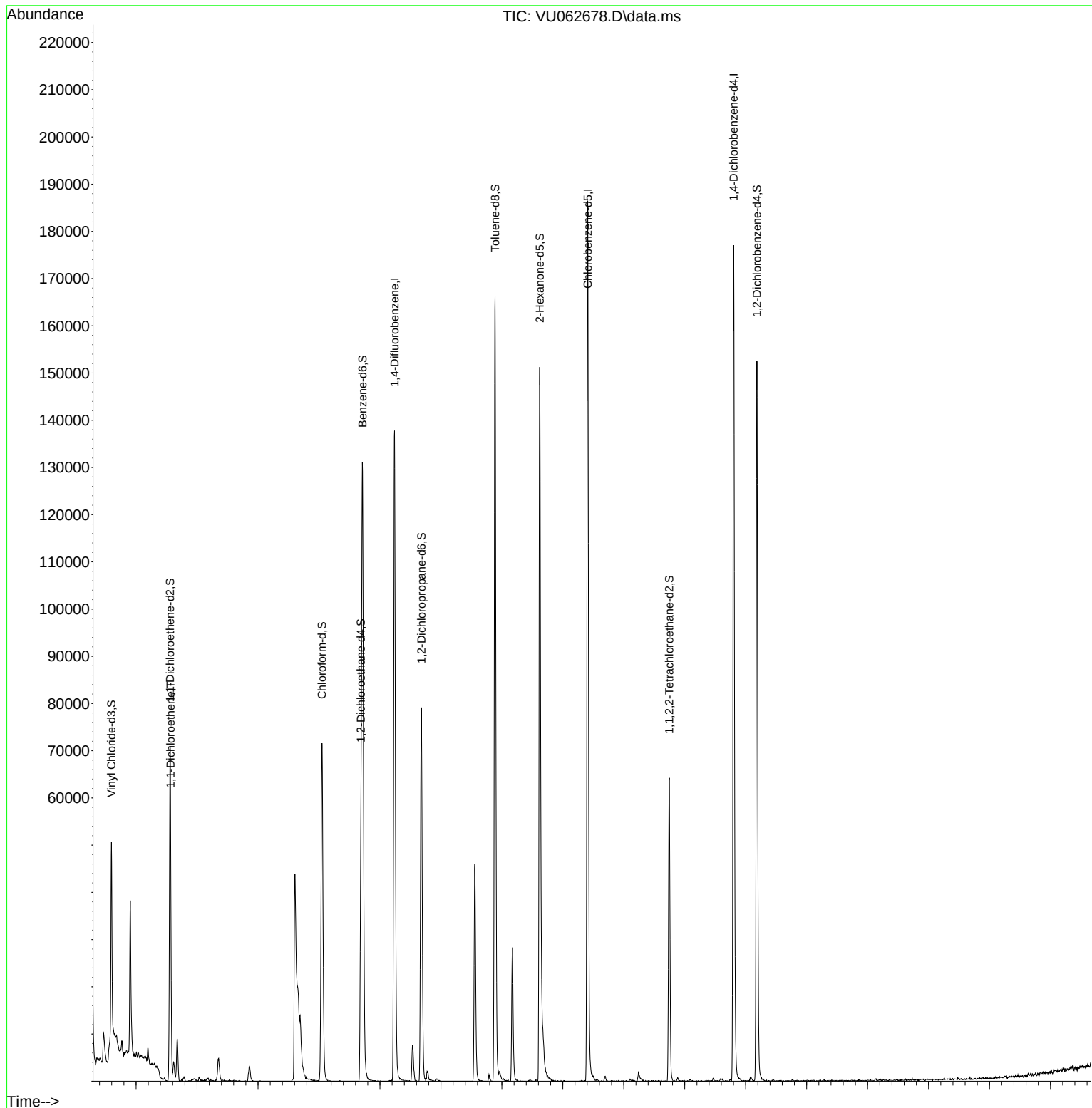
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	115540	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	105409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50810	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25155	3.931	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.904	69	22478	4.367	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.557	65	13349	4.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.605	46	62797	48.016	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.040%
24) Chloroform-d	5.049	84	70723	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.689	65	41535	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.714	84	122753	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.679	67	34591	4.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.888	98	115479	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.174	79	17216	4.834	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.621	63	52217	46.622	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	31136	5.204	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	42548	5.033	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds	Qvalue					
12) 1,1-Dichloroethene	2.567	96	1558	0.217	ug/L #	1
13) Acetone	2.618	43	4956	4.784	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	5416	0.275	ug/L	100
19) 1,1-Dichloroethane	3.856	63	3995	0.291	ug/L	93
21) 2-Butanone	4.695	43	17203	12.468	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	7788	0.931	ug/L	99

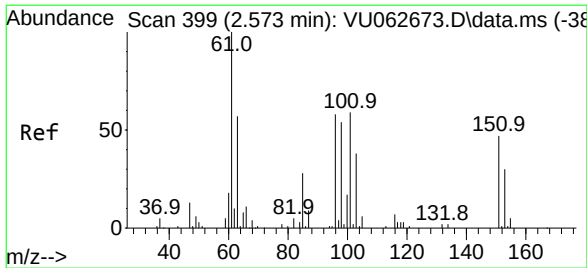
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration

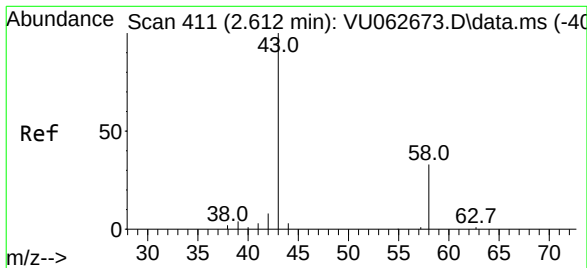
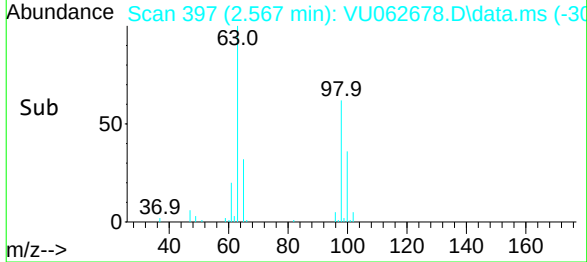
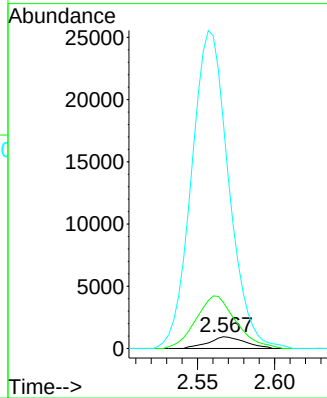
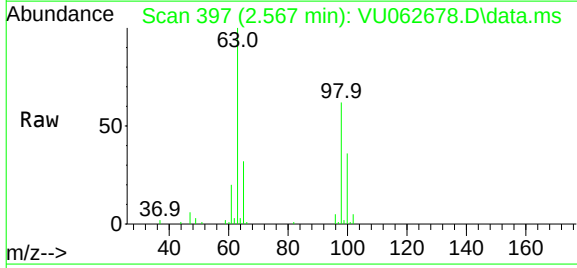




#12
1,1-Dichloroethene
Concen: 0.217 ug/L
RT: 2.567 min Scan# 399
Delta R.T. -0.006 min
Lab File: VU062678.D
Acq: 10 Jan 2025 12:34

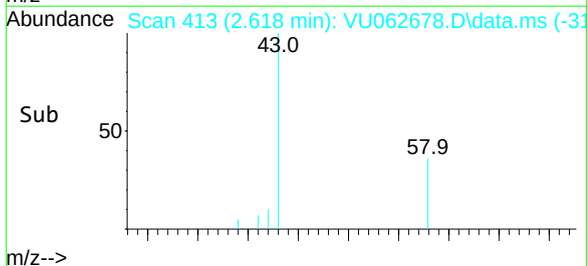
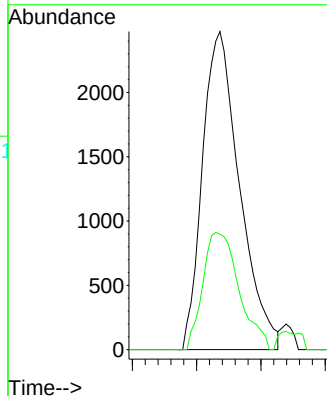
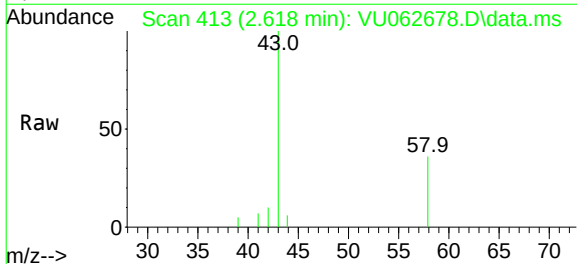
Instrument :
MSVOA_U
ClientSampleId :
BH8X4

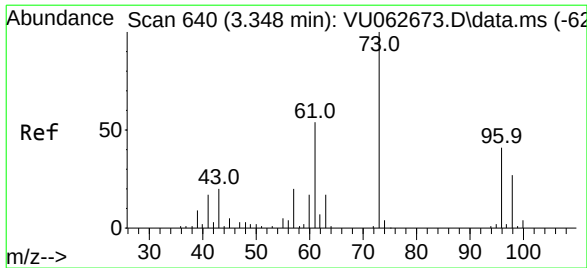
Tgt Ion: 96 Resp: 1558
Ion Ratio Lower Upper
96 100
61 395.3 120.4 223.6#
63 1944.8 82.3 152.9#



#13
Acetone
Concen: 4.784 ug/L
RT: 2.618 min Scan# 413
Delta R.T. 0.006 min
Lab File: VU062678.D
Acq: 10 Jan 2025 12:34

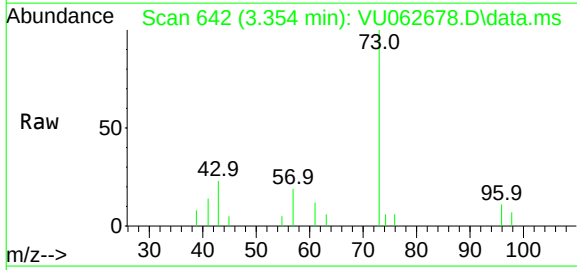
Tgt Ion: 43 Resp: 4956
Ion Ratio Lower Upper
43 100
58 35.9 0.0 64.4



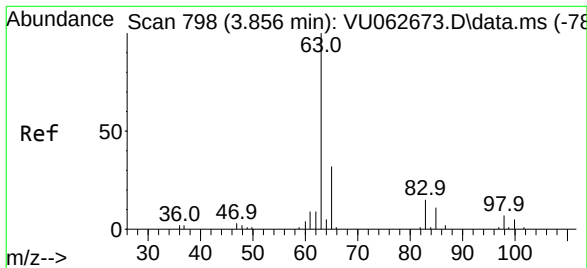
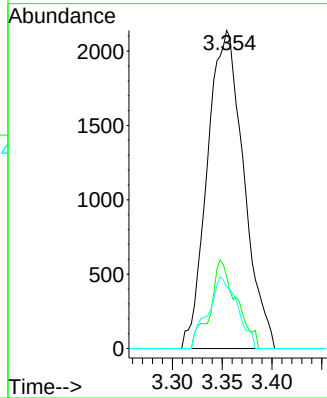
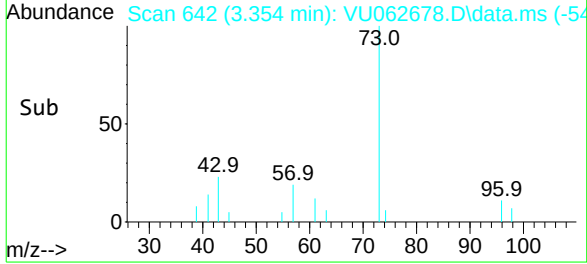


#17
Methyl tert-butyl Ether
Concen: 0.275 ug/L
RT: 3.354 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU062678.D
Acq: 10 Jan 2025 12:34

Instrument :
MSVOA_U
ClientSampleId :
BH8X4

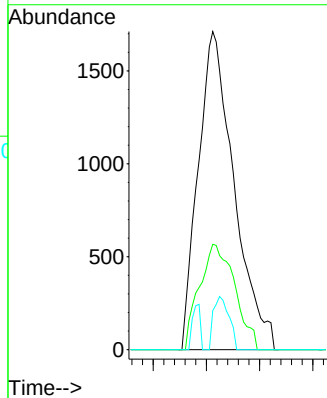
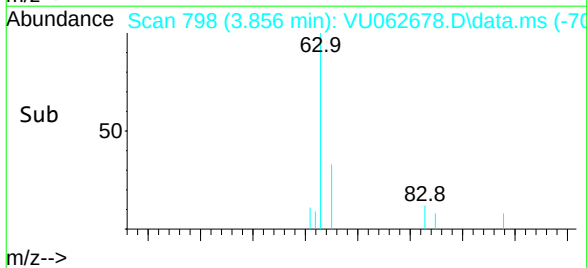
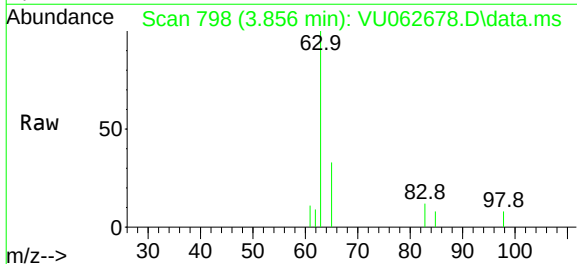


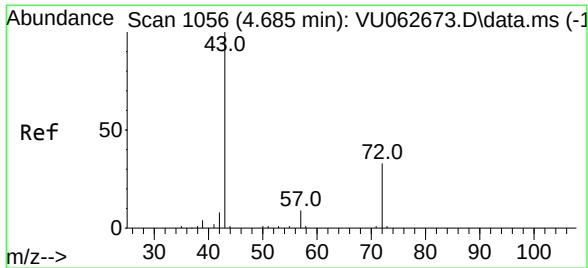
Tgt Ion:	73	Resp:	5416
Ion	Ratio	Lower	Upper
73	100		
43	20.2	16.2	24.4
57	18.2	14.6	22.0



#19
1,1-Dichloroethane
Concen: 0.291 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU062678.D
Acq: 10 Jan 2025 12:34

Tgt Ion:	63	Resp:	3995
Ion	Ratio	Lower	Upper
63	100		
65	33.1	20.7	38.5
83	12.3	10.5	19.5

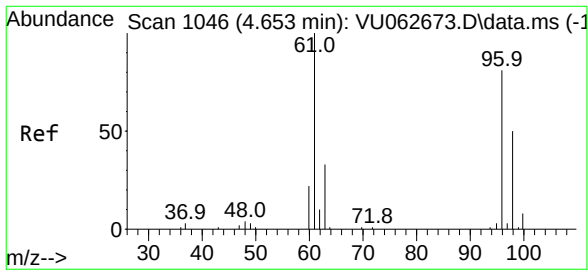
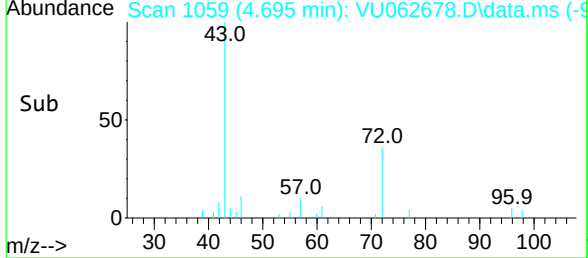
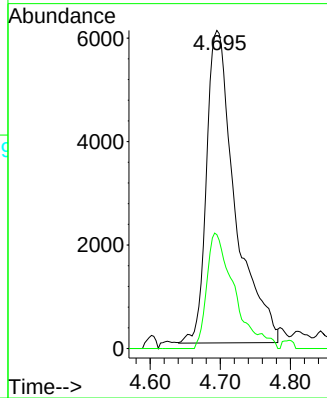
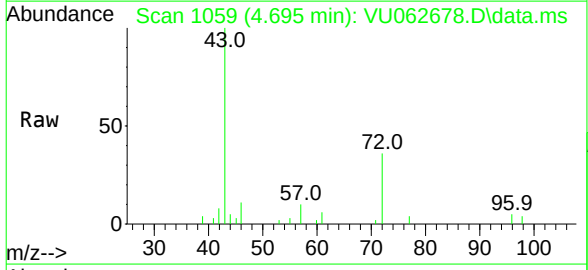




#21
2-Butanone
Concen: 12.468 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. 0.010 min
Lab File: VU062678.D
Acq: 10 Jan 2025 12:34

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Tgt Ion: 43 Resp: 17203
Ion Ratio Lower Upper
43 100
72 35.5 17.1 51.2



#22
cis-1,2-Dichloroethene
Concen: 0.931 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU062678.D
Acq: 10 Jan 2025 12:34

Tgt Ion: 96 Resp: 7788
Ion Ratio Lower Upper
96 100
61 120.3 84.8 157.6
98 63.0 43.1 80.1

