

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062878.D
 Acq On : 17 Jan 2025 17:49
 Operator : MD/SY
 Sample : Q1071-14DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ78DL

Quant Time: Jan 17 22:01:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 21:53:56 2025
 Response via : Initial Calibration

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

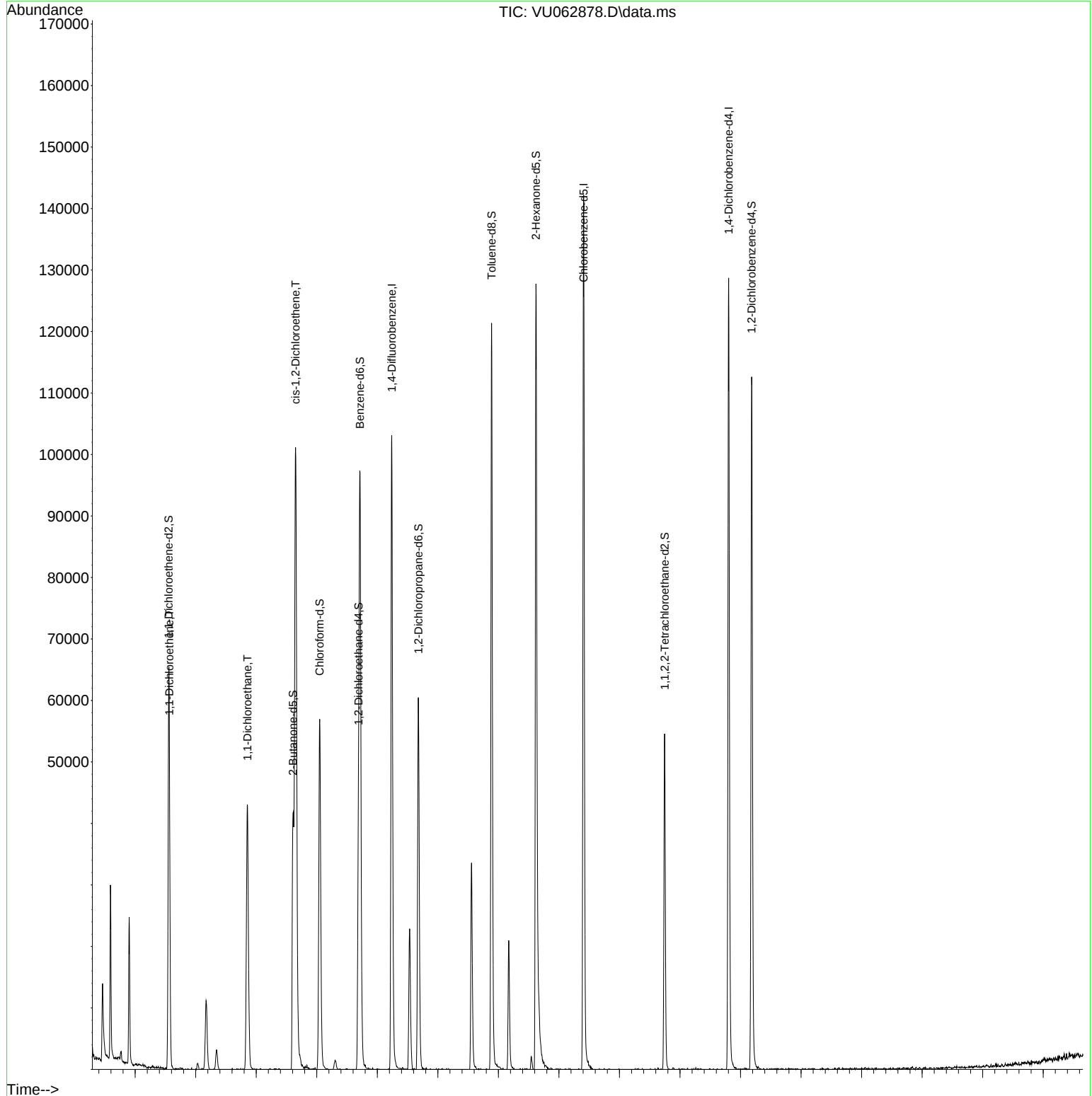
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	85950	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	78784	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18087	3.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.901	69	16704	4.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.554	65	10021	4.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.605	46	55227	56.765	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.540%
24) Chloroform-d	5.049	84	56299	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.689	65	33507	5.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.714	84	90078	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.679	67	25947	4.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.888	98	82972	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.171	79	12707	4.774	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.621	63	44739	53.445	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.880%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24360	5.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	33785	5.406	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
12) 1,1-Dichloroethene	2.567	96	8246	1.545	ug/L #	37
18) trans-1,2-Dichloroethene	3.341	96	1651	0.289	ug/L	96
19) 1,1-Dichloroethane	3.853	63	46684	4.568	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	54807	8.804	ug/L	98
34) Trichloroethene	6.534	95	7923	1.025	ug/L	96

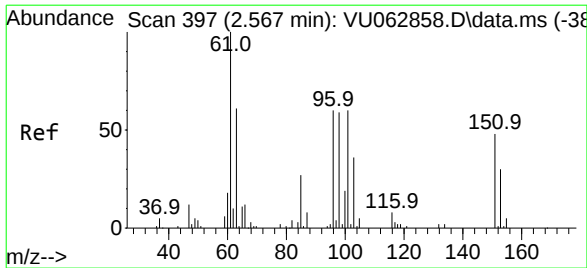
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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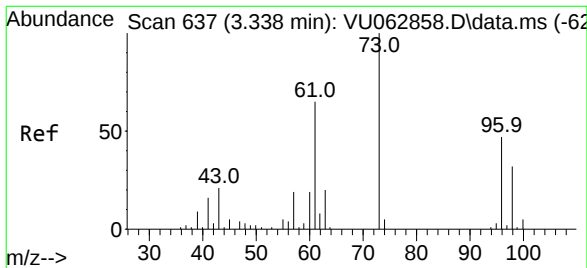
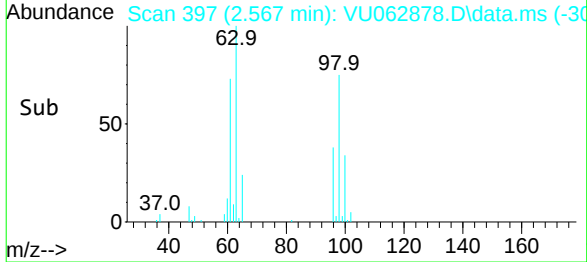
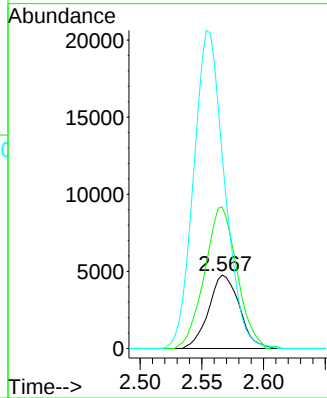
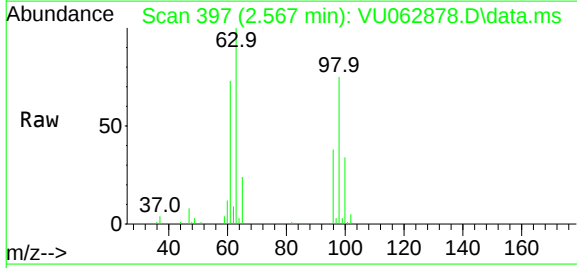




#12
1,1-Dichloroethene
Concen: 1.545 ug/L
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

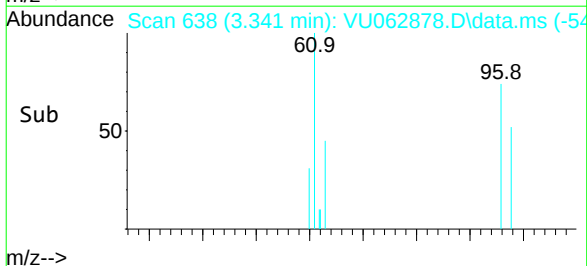
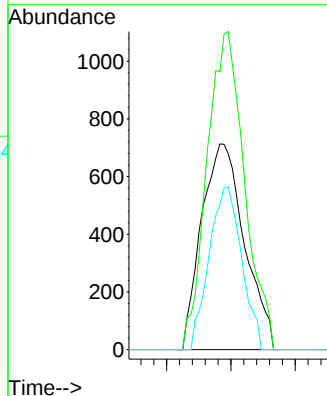
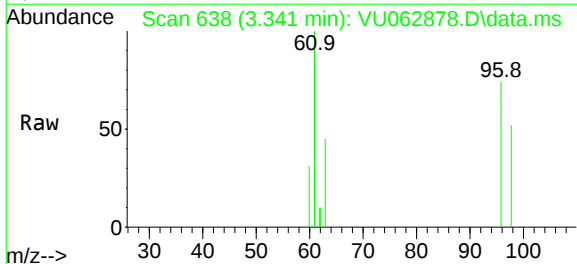
Instrument :
MSVOA_U
ClientSampleId :
GCQ78DL

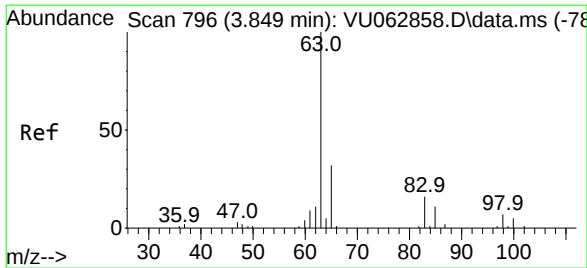
Tgt Ion: 96 Resp: 8246
Ion Ratio Lower Upper
96 100
61 192.9 120.4 223.6
63 262.7 82.3 152.9#



#18
trans-1,2-Dichloroethene
Concen: 0.289 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

Tgt Ion: 96 Resp: 1651
Ion Ratio Lower Upper
96 100
61 135.1 94.4 175.2
98 70.1 42.8 79.4

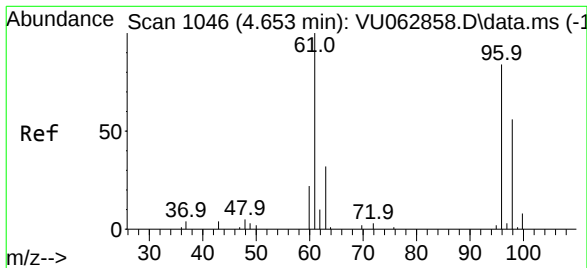
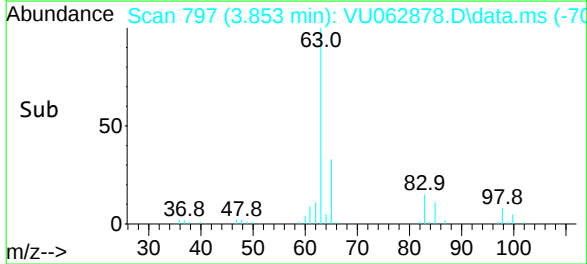
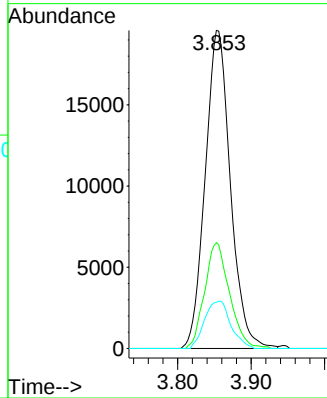
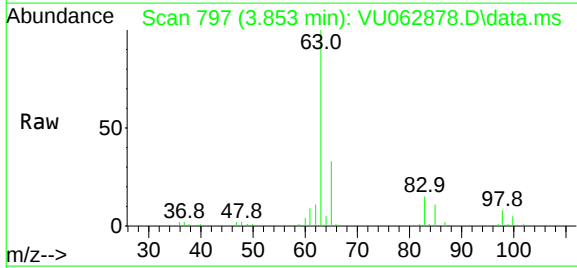




#19
1,1-Dichloroethane
Concen: 4.568 ug/L
RT: 3.853 min Scan# 79
Delta R.T. 0.003 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

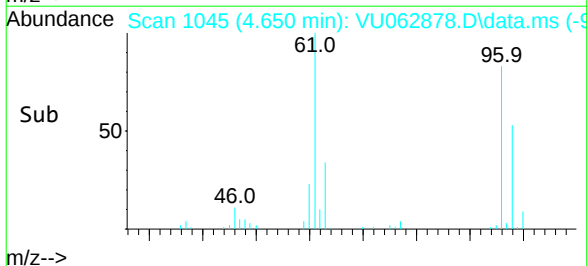
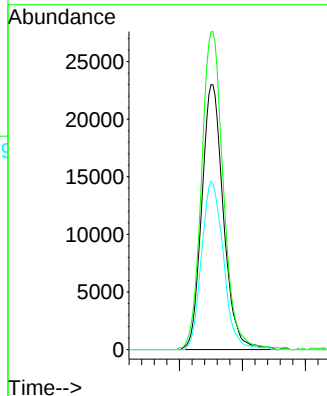
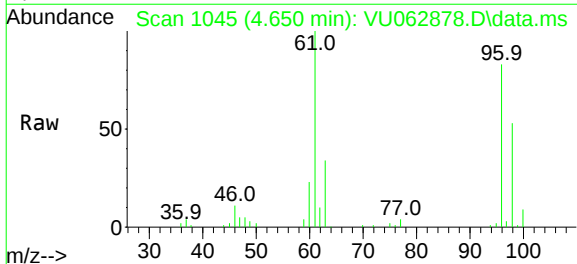
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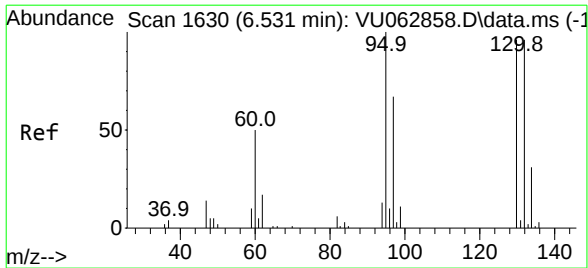
Tgt Ion:	63	Resp:	46684
Ion	Ratio	Lower	Upper
63	100		
65	33.3	20.7	38.5
83	14.5	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 8.804 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

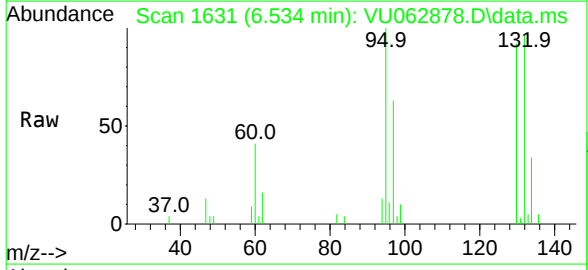
Tgt Ion:	96	Resp:	54807
Ion	Ratio	Lower	Upper
96	100		
61	119.8	84.8	157.6
98	63.4	43.1	80.1





#34
 Trichloroethene
 Concen: 1.025 ug/L
 RT: 6.534 min Scan# 16
 Delta R.T. 0.003 min
 Lab File: VU062878.D
 Acq: 17 Jan 2025 17:49

Instrument :
 MSVOA_U
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Tgt Ion: 95 Resp: 7923

Ion	Ratio	Lower	Upper
95	100		
97	62.7	47.5	88.3
132	96.9	66.9	124.3
130	92.0	68.6	127.4

