

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056850.D
 Acq On : 14 Dec 2023 19:43
 Operator : MD/SY
 Sample : 05675-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB1

Quant Time: Dec 15 00:55:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 00:49:12 2023
 Response via : Initial Calibration

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

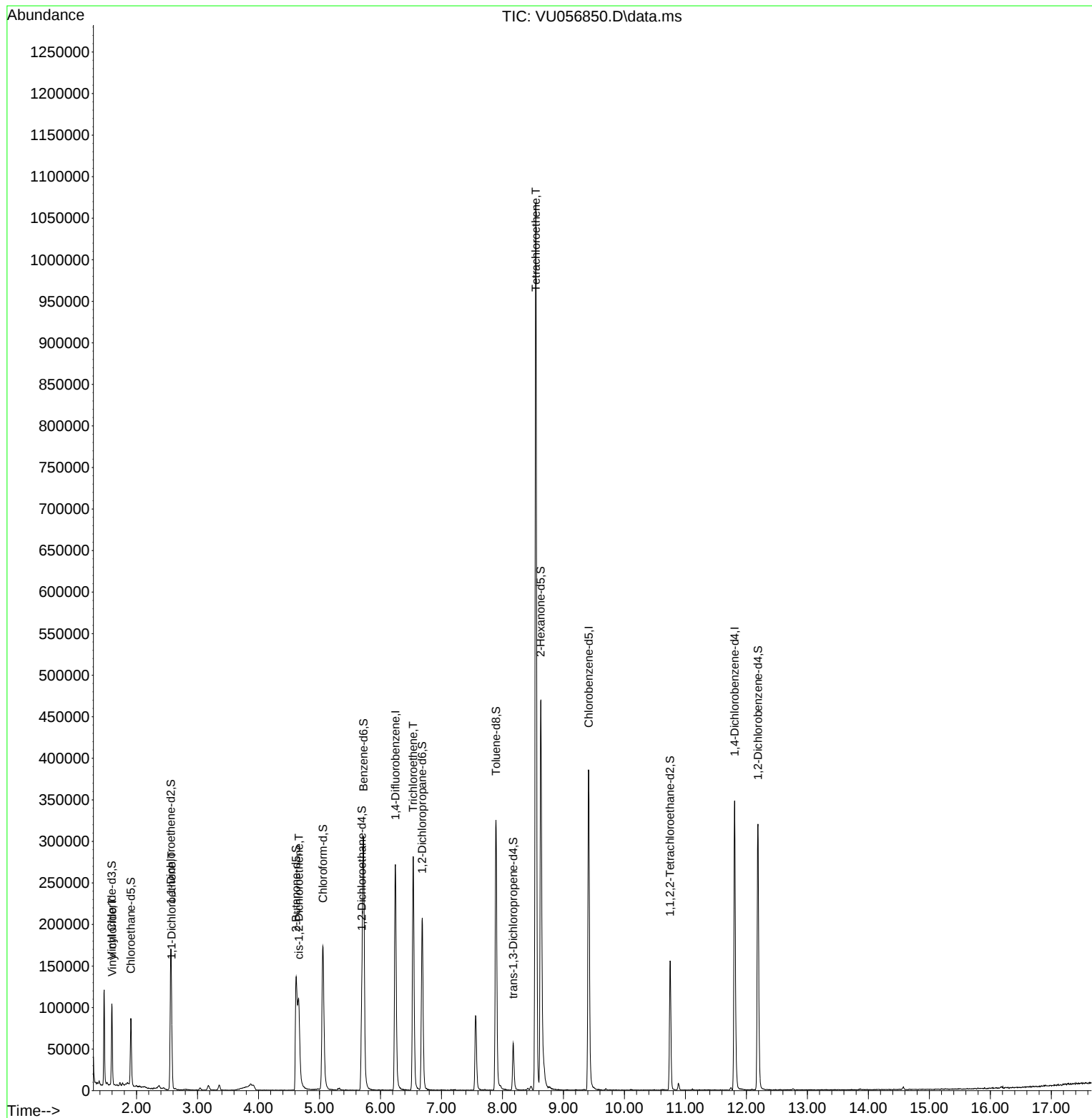
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	222106	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	232732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	63940	3.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.907	69	59839	4.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.563	65	30322	3.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.618	46	215076	57.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.400%
24) Chloroform-d	5.058	84	167285	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	83209	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.721	84	294434	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.685	67	102421	4.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.894	98	231115	3.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.177	79	34217	3.905	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.627	63	159360	48.222	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.440%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	80511	4.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	88076	4.708	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	7035	0.310	ug/L #	41
12) 1,1-Dichloroethene	2.576	96	11477	0.636	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	44473	2.236	ug/L	100
34) Trichloroethene	6.537	95	100708	4.489	ug/L	98
47) Tetrachloroethene	8.547	164	232350	14.797	ug/L	99

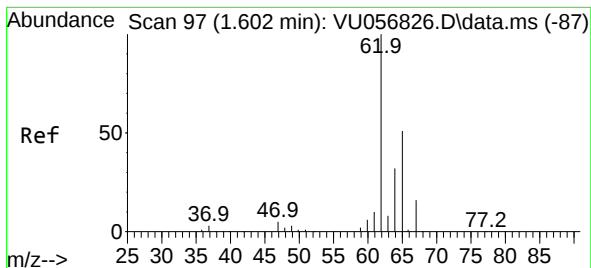
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.310 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

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MSVOA_U

ClientSampleId :

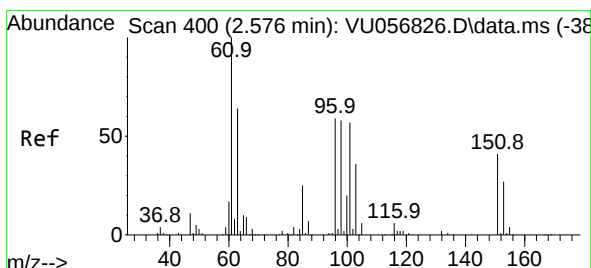
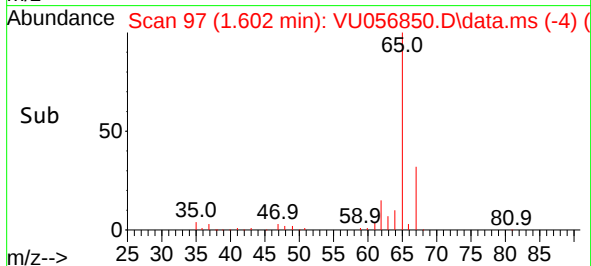
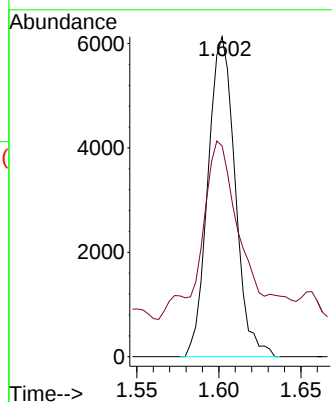
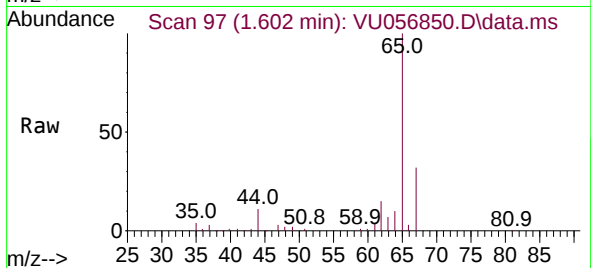
H0AB1

Tgt Ion: 62 Resp: 7035

Ion Ratio Lower Upper

62 100

64 65.8 22.8 42.4#



#12

1,1-Dichloroethene

Concen: 0.636 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056850.D

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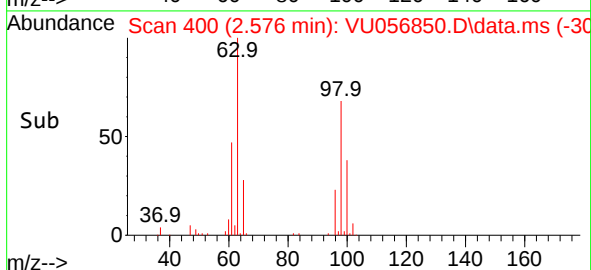
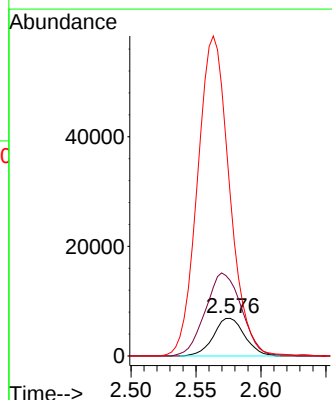
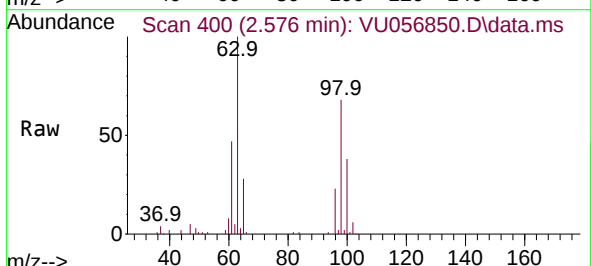
Tgt Ion: 96 Resp: 11477

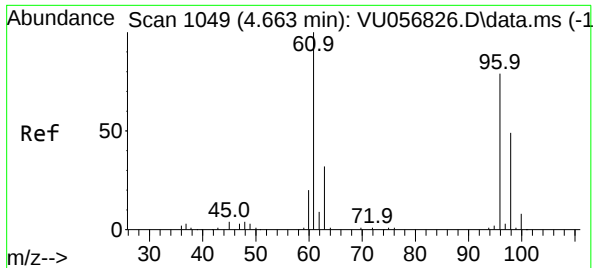
Ion Ratio Lower Upper

96 100

61 201.0 119.0 221.0

63 431.2 88.7 164.7#

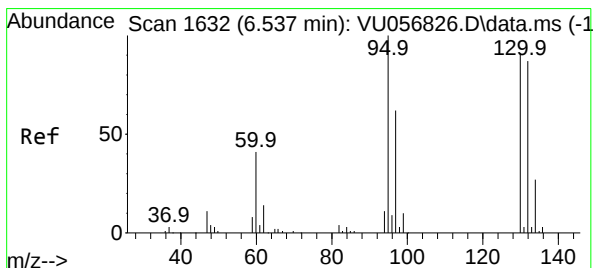
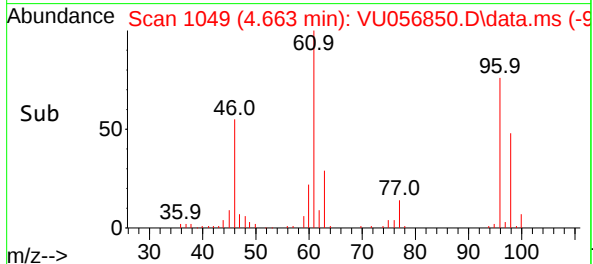
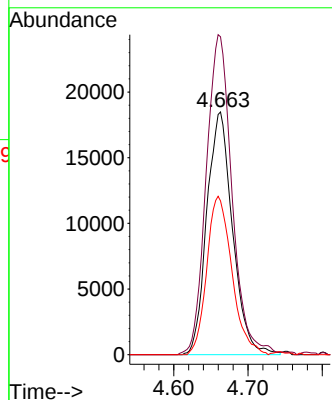
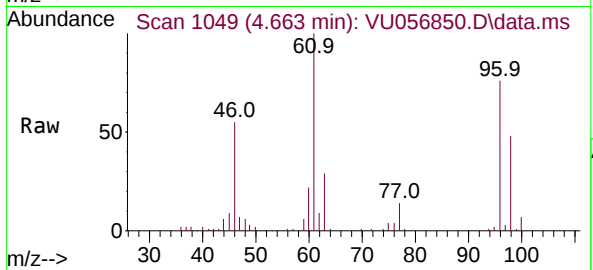




#22
 cis-1,2-Dichloroethene
 Concen: 2.236 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU056850.D
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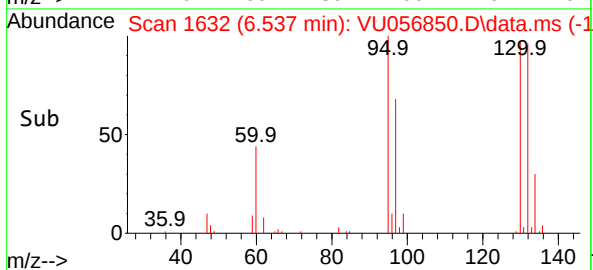
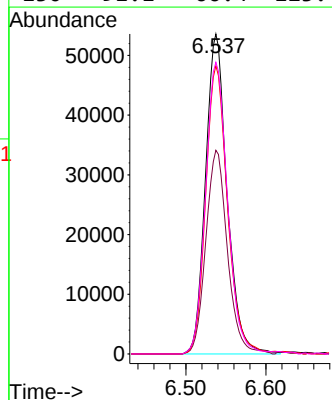
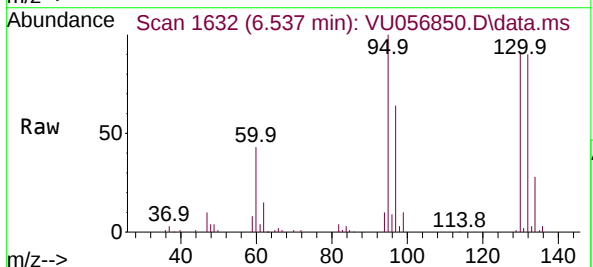
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 MSVOA_U
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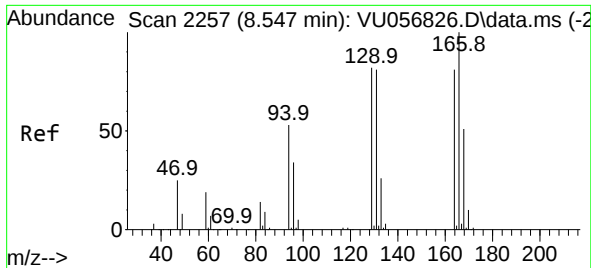
Tgt Ion: 96 Resp: 44473
 Ion Ratio Lower Upper
 96 100
 61 131.0 91.3 169.6
 98 63.4 44.2 82.0



#34
 Trichloroethene
 Concen: 4.489 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056850.D
 Acq: 14 Dec 2023 19:43

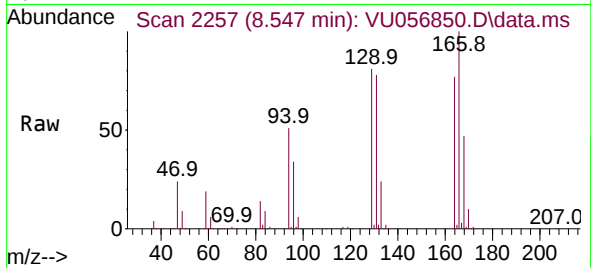
Tgt Ion: 95 Resp: 100708
 Ion Ratio Lower Upper
 95 100
 97 63.7 46.1 85.5
 132 90.0 63.6 118.0
 130 91.1 66.4 123.4





#47
 Tetrachloroethene
 Concen: 14.797 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU056850.D
 Acq: 14 Dec 2023 19:43

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB1



Tgt Ion:	164	Resp:	232350
Ion	Ratio	Lower	Upper
164	100		
129	105.0	73.4	136.4
131	101.2	71.5	132.9
166	129.3	92.7	172.1

