

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060910.D
 Acq On : 19 Sep 2024 19:56
 Operator : MD/SY
 Sample : P3987-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q1

Quant Time: Sep 20 00:01:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 23:54:48 2024
 Response via : Initial Calibration

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

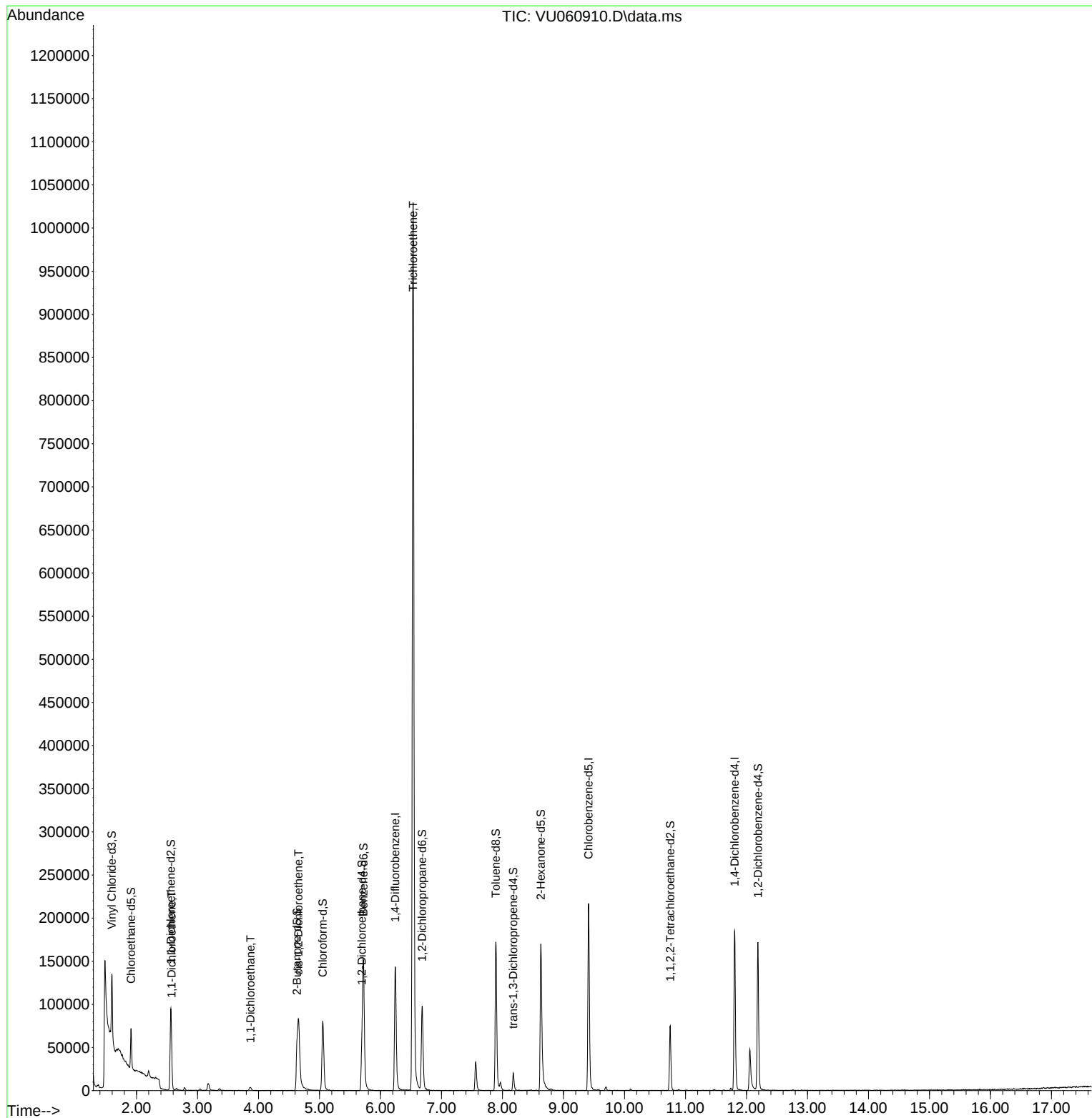
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	128034	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	138389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42874	3.723	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.911	69	35462	4.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.563	65	16568	4.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.631	46	73659	39.843	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.680%
24) Chloroform-d	5.052	84	80673	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.695	65	39726	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.721	84	148932	4.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.682	67	49846	4.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.891	98	126289	3.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.177	79	12238	2.962	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.200%
46) 2-Hexanone-d5	8.627	63	60334	37.025	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38688	4.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	50329	5.296	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	6345	0.788	ug/L	# 11
19) 1,1-Dichloroethane	3.869	63	4701	0.281	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	34686	3.755	ug/L	93
34) Trichloroethene	6.534	95	361285	36.218	ug/L	94

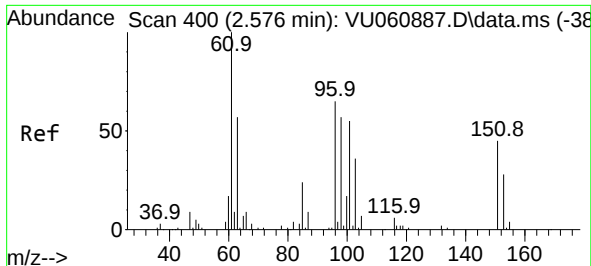
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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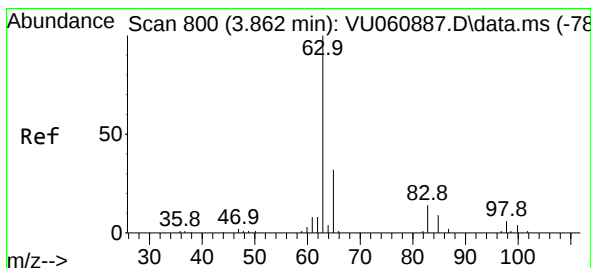
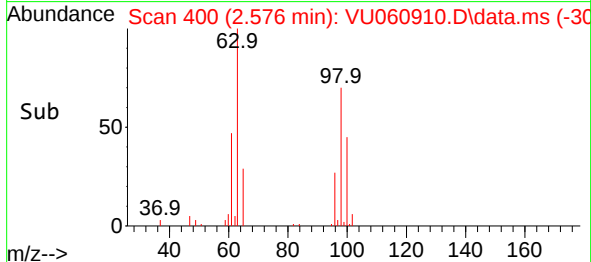
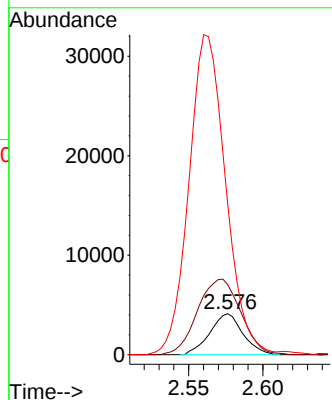
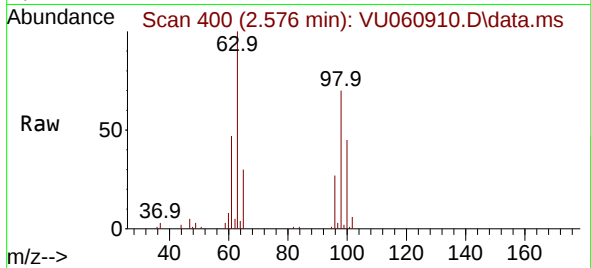




#12
 1,1-Dichloroethene
 Concen: 0.788 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060910.D
 Acq: 19 Sep 2024 19:56

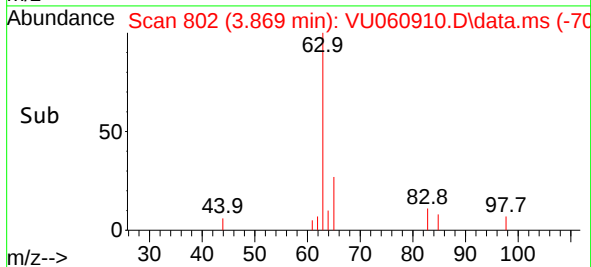
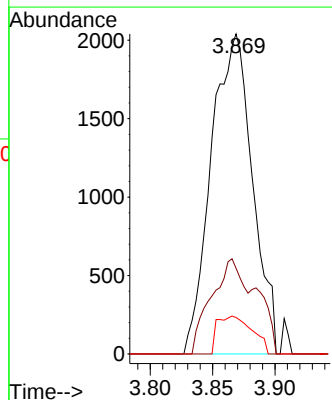
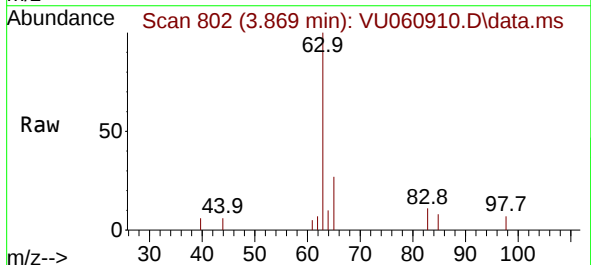
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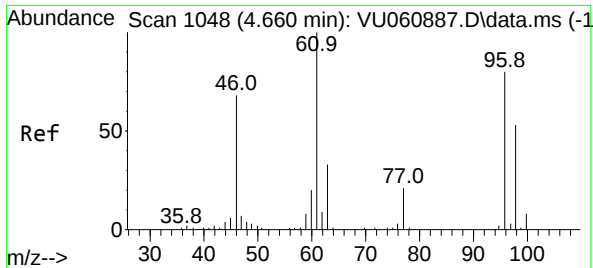
Tgt Ion: 96 Resp: 6345
 Ion Ratio Lower Upper
 96 100
 61 171.3 120.7 224.1
 63 367.5 90.0 167.2#



#19
 1,1-Dichloroethane
 Concen: 0.281 ug/L
 RT: 3.869 min Scan# 802
 Delta R.T. 0.007 min
 Lab File: VU060910.D
 Acq: 19 Sep 2024 19:56

Tgt Ion: 63 Resp: 4701
 Ion Ratio Lower Upper
 63 100
 65 26.8 23.0 42.8
 83 11.4 9.0 16.6

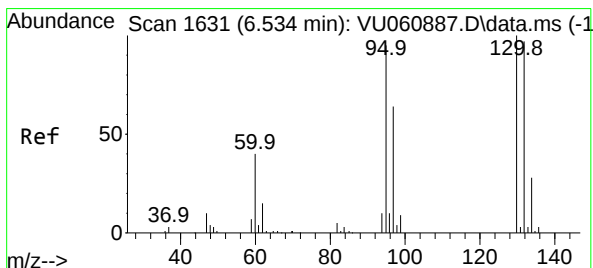
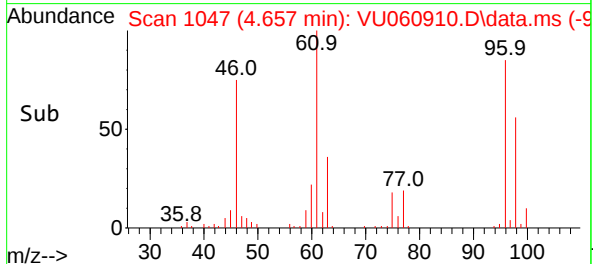
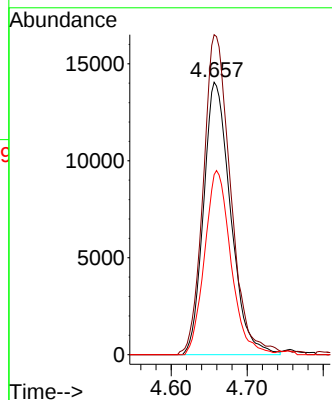
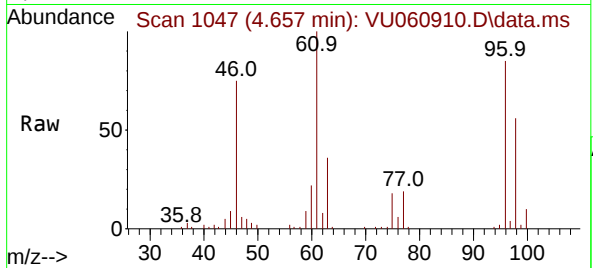




#22
 cis-1,2-Dichloroethene
 Concen: 3.755 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060910.D
 Acq: 19 Sep 2024 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q1

Tgt Ion: 96 Resp: 34686
 Ion Ratio Lower Upper
 96 100
 61 117.4 89.7 166.5
 98 66.0 45.1 83.9



#34
 Trichloroethene
 Concen: 36.218 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU060910.D
 Acq: 19 Sep 2024 19:56

Tgt Ion: 95 Resp: 361285
 Ion Ratio Lower Upper
 95 100
 97 63.6 44.9 83.5
 132 101.4 63.5 117.9
 130 104.1 70.2 130.4

