

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121024\
 Data File : VU062211.D
 Acq On : 10 Dec 2024 16:36
 Operator : MD/SY
 Sample : P5107-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHJ84

Quant Time: Dec 11 03:45:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 11 03:43:25 2024
 Response via : Initial Calibration

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

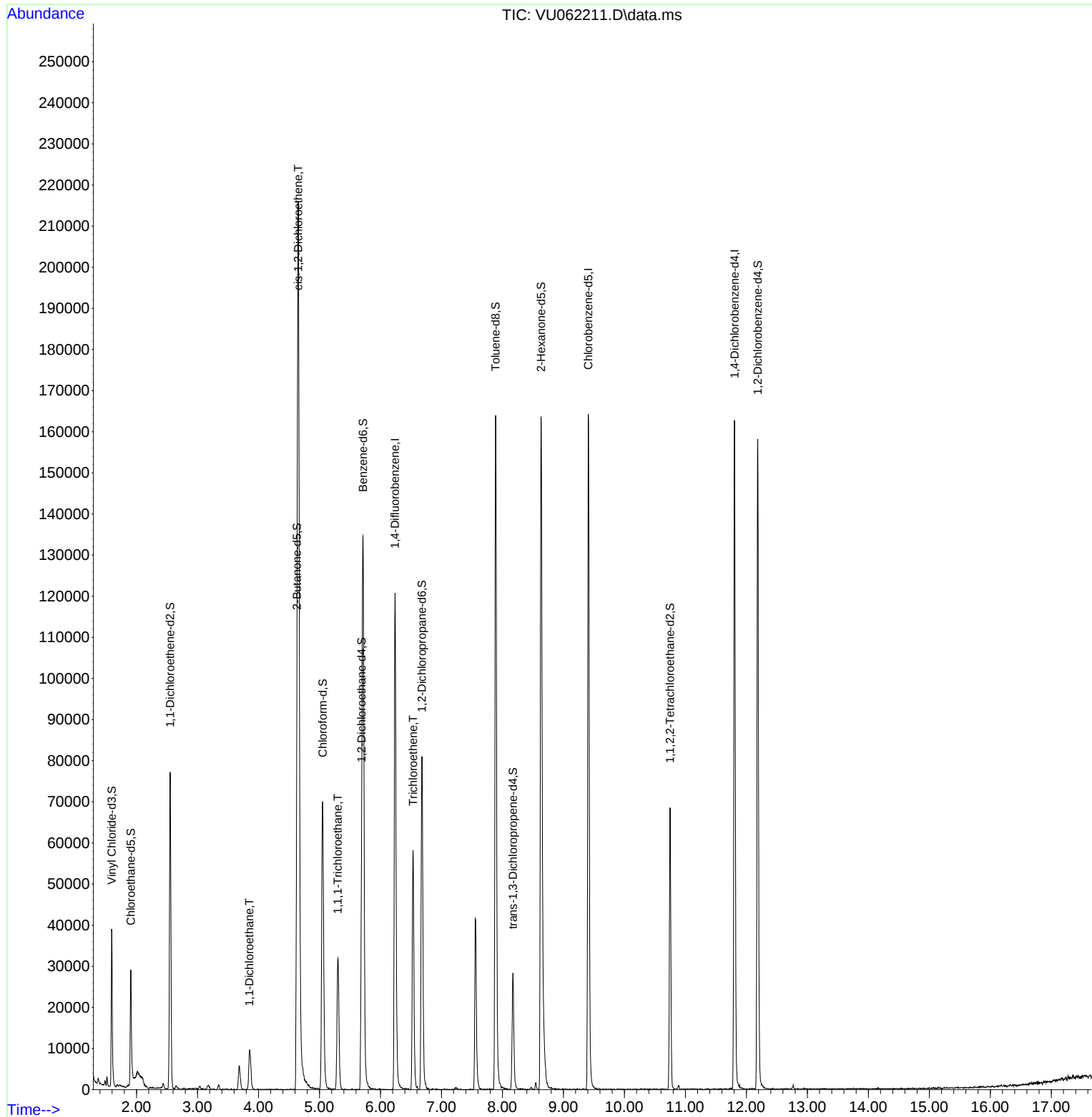
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	102305	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45928	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28909	4.189	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.907	69	21575	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.551	65	14872	4.530	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.631	46	77881	58.890	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.780%
24) Chloroform-d	5.052	84	71522	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.692	65	38707	5.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.714	84	128279	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.679	67	38451	4.971	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.888	98	117797	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.174	79	16584	4.871	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.634	63	62663	61.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	34328	5.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	44241	5.227	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.853	63	12138	0.933	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	105323	13.240	ug/L	94
29) 1,1,1-Trichloroethane	5.303	97	24904	1.886	ug/L	95
34) Trichloroethene	6.534	95	20743	2.518	ug/L	92

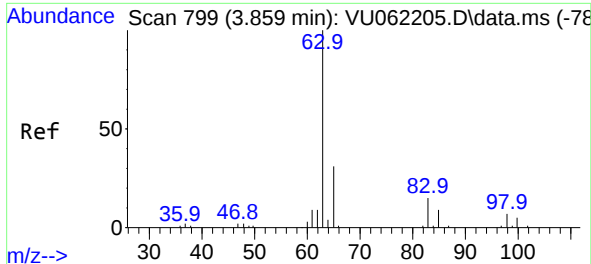
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.933 ug/L

RT: 3.853 min Scan# 799

Delta R.T. -0.006 min

Lab File: VU062211.D

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MSVOA_U

ClientSampleId :

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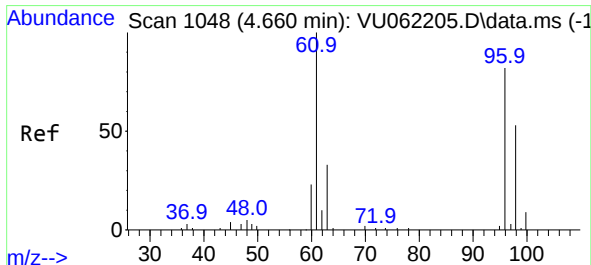
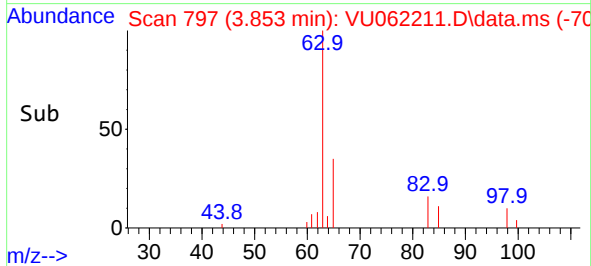
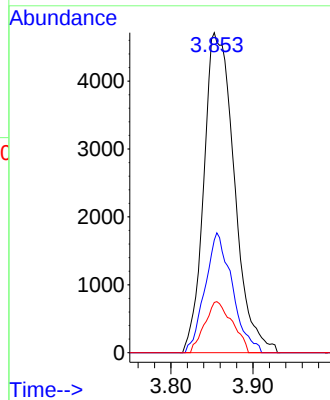
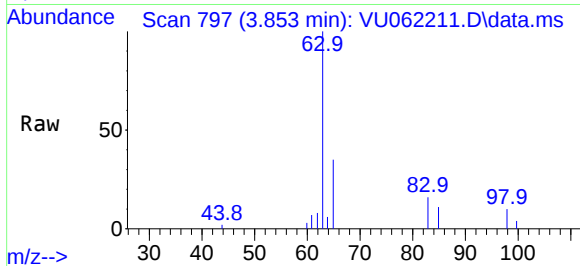
Tgt Ion: 63 Resp: 12138

Ion Ratio Lower Upper

63 100

65 33.4 22.7 42.3

83 14.9 9.9 18.3



#22

cis-1,2-Dichloroethene

Concen: 13.240 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU062211.D

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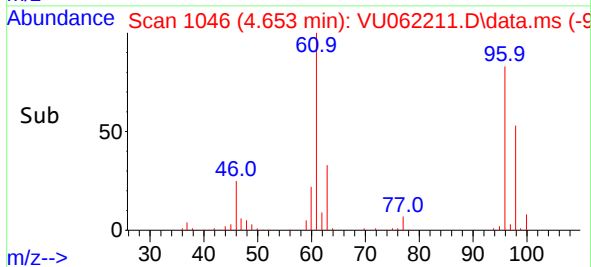
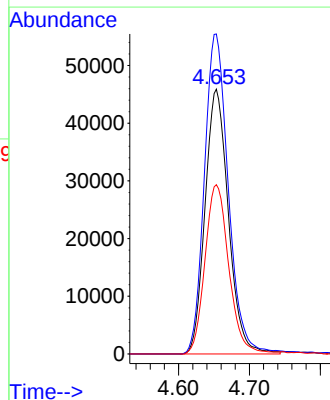
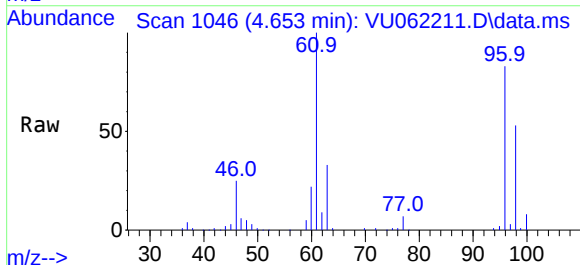
Tgt Ion: 96 Resp: 105323

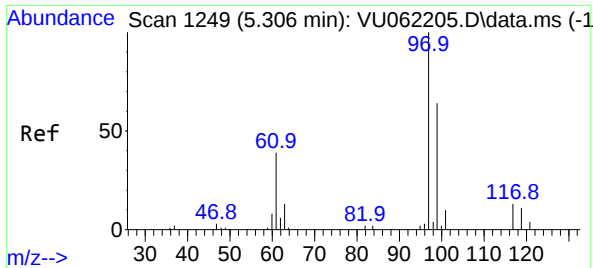
Ion Ratio Lower Upper

96 100

61 120.8 92.0 170.8

98 63.9 44.5 82.7

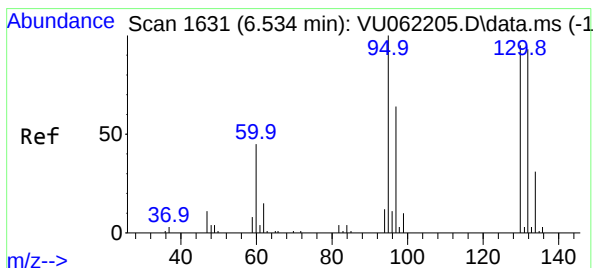
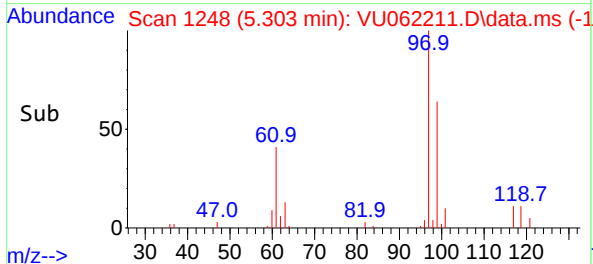
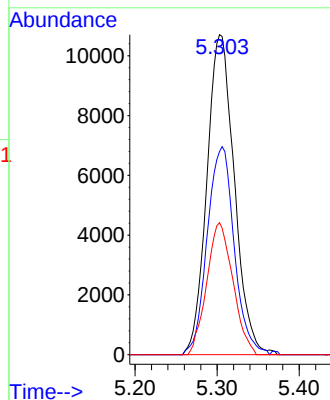
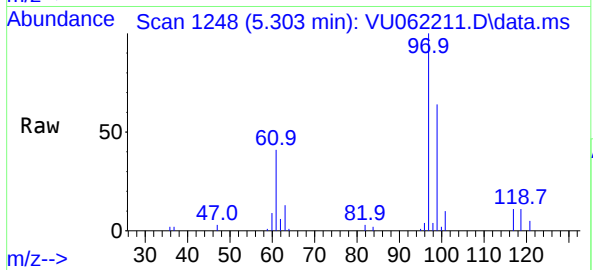




#29
1,1,1-Trichloroethane
Concen: 1.886 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
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Tgt Ion:	97	Resp:	24904
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.2
61	39.2	37.8	56.6



#34
Trichloroethene
Concen: 2.518 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU062211.D
Acq: 10 Dec 2024 16:36

Tgt Ion:	95	Resp:	20743
Ion	Ratio	Lower	Upper
95	100		
97	68.9	45.9	85.3
132	103.5	63.8	118.4
130	100.3	65.5	121.7

