

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057250.D
 Acq On : 26 Dec 2023 21:36
 Operator : MD/SY
 Sample : 05976-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7X2

Quant Time: Dec 26 23:45:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 26 23:39:51 2023
 Response via : Initial Calibration

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

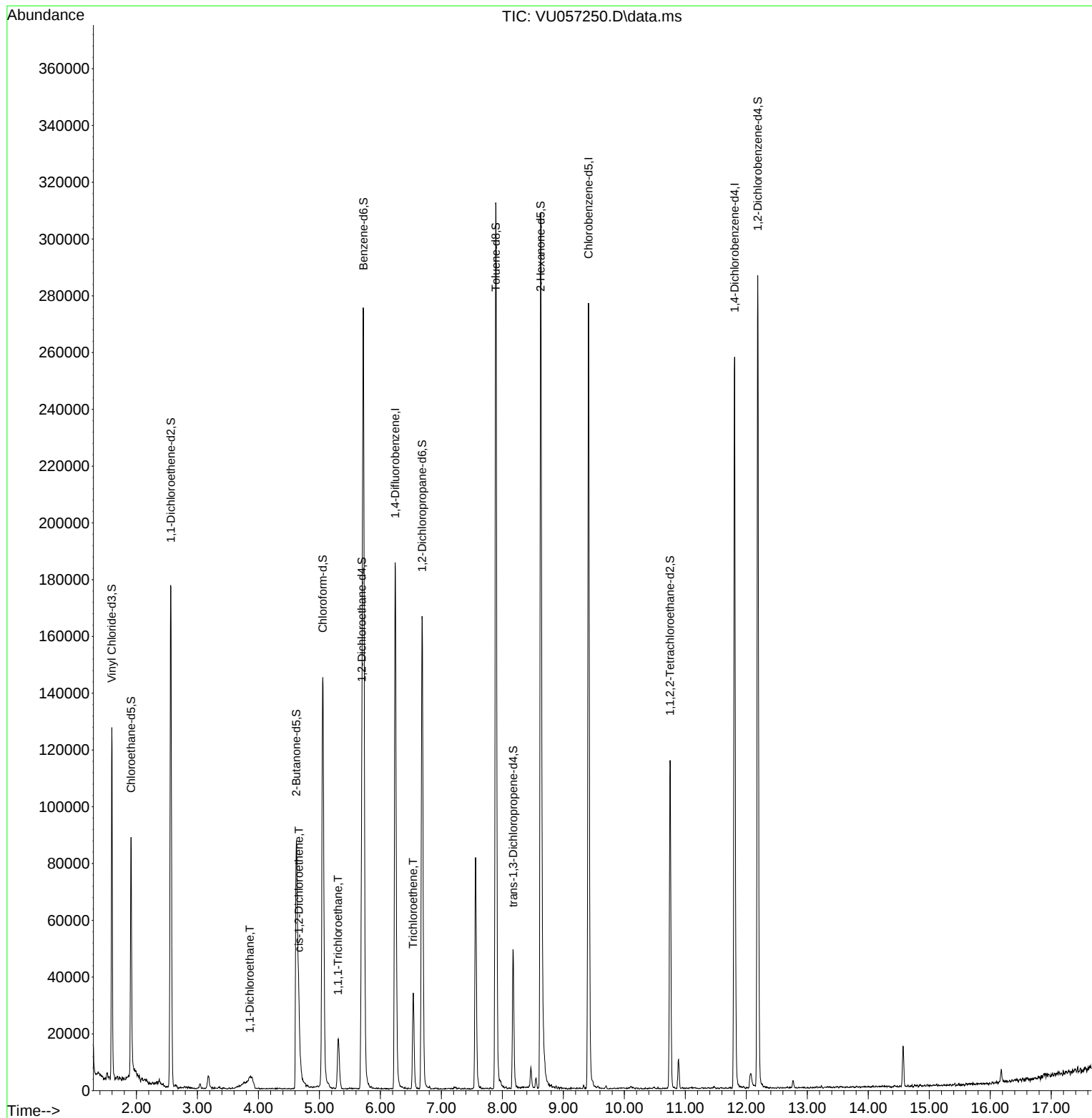
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147104	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154474	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	87456	6.220	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.400%
7) Chloroethane-d5	1.911	69	61542	5.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.563	65	34983	5.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.800%
20) 2-Butanone-d5	4.621	46	125422	56.815	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.620%
24) Chloroform-d	5.055	84	139414	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.695	65	70294	5.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.721	84	261012	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.682	67	82558	5.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.891	98	214745	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.177	79	29003	4.621	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.627	63	100992	47.261	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.520%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	58409	5.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	74047	5.116	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.859	63	2218	0.104	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	8951	0.758	ug/L	94
29) 1,1,1-Trichloroethane	5.306	97	12419	0.506	ug/L	94
34) Trichloroethene	6.538	95	12584	0.879	ug/L	94

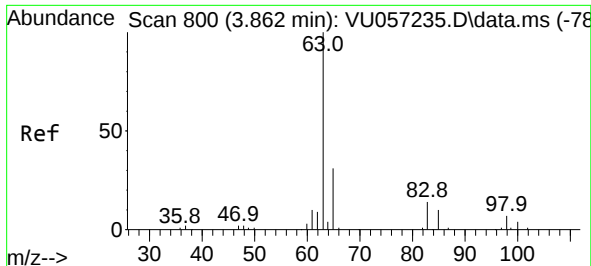
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.104 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU057250.D

Acq: 26 Dec 2023 21:36

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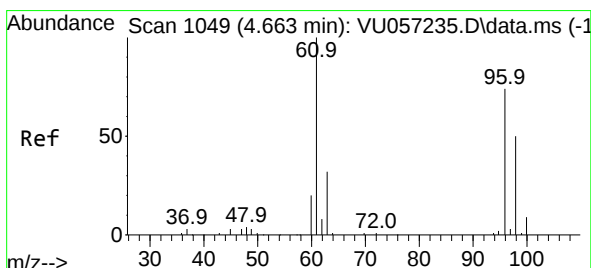
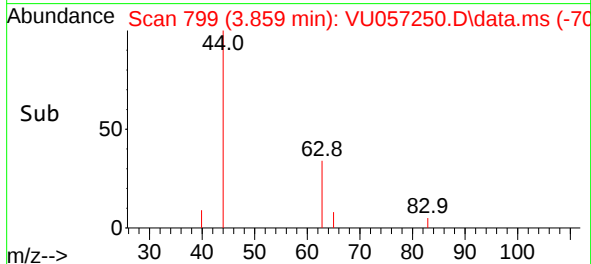
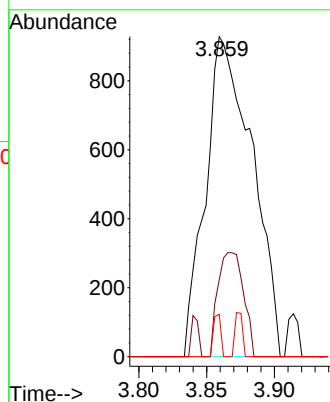
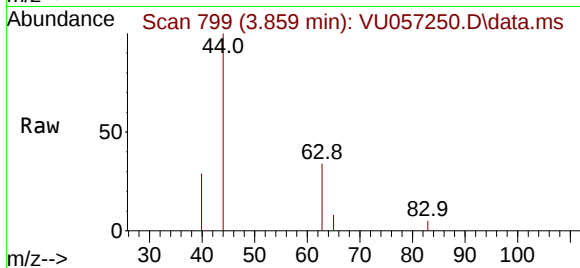
Tgt Ion: 63 Resp: 2218

Ion Ratio Lower Upper

63 100

65 24.0 21.6 40.2

83 13.3 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 0.758 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU057250.D

Acq: 26 Dec 2023 21:36

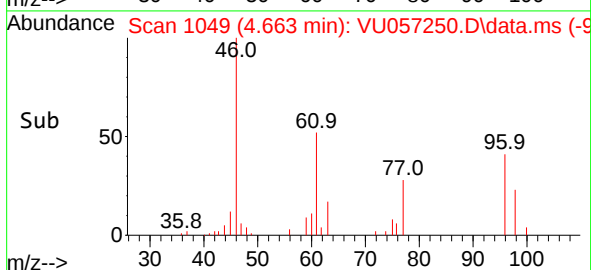
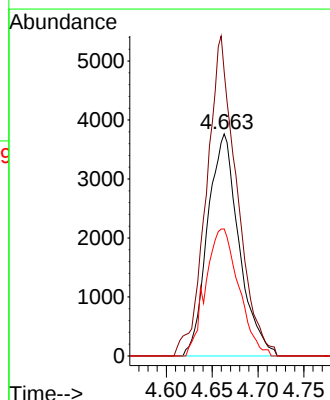
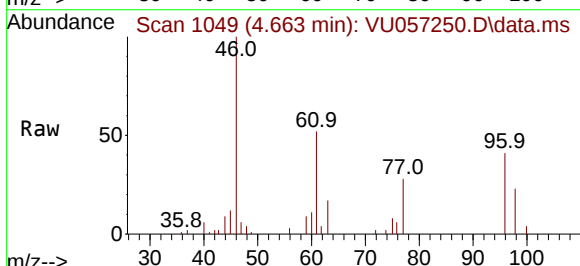
Tgt Ion: 96 Resp: 8951

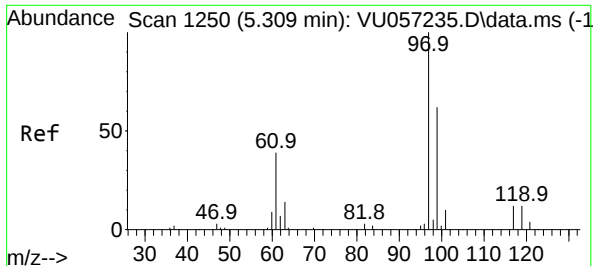
Ion Ratio Lower Upper

96 100

61 127.9 86.8 161.2

98 57.2 45.5 84.5





#29

1,1,1-Trichloroethane

Concen: 0.506 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU057250.D

Acq: 26 Dec 2023 21:36

Instrument :

MSVOA_U

ClientSampleId :

BH7X2

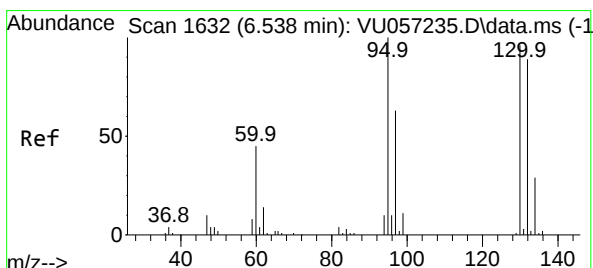
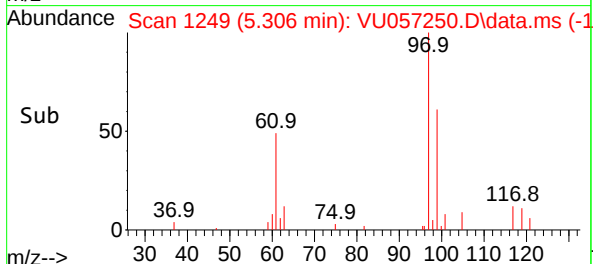
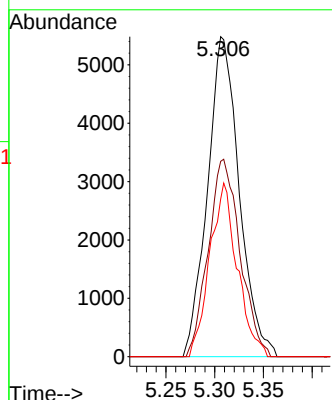
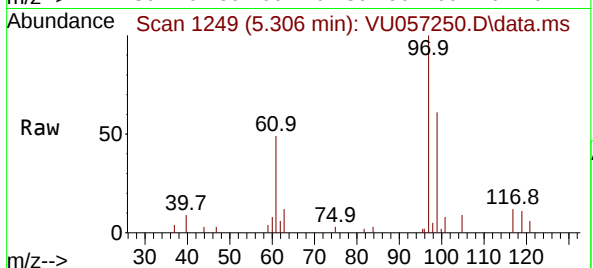
Tgt Ion: 97 Resp: 12419

Ion Ratio Lower Upper

97 100

99 61.9 51.2 76.8

61 47.2 32.5 48.7



#34

Trichloroethene

Concen: 0.879 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU057250.D

Acq: 26 Dec 2023 21:36

Tgt Ion: 95 Resp: 12584

Ion Ratio Lower Upper

95 100

97 58.9 44.3 82.3

132 83.8 62.6 116.2

130 84.2 62.4 116.0

