

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057246.D
 Acq On : 26 Dec 2023 19:59
 Operator : MD/SY
 Sample : 05976-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7W2

Quant Time: Dec 26 23:43:56 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)

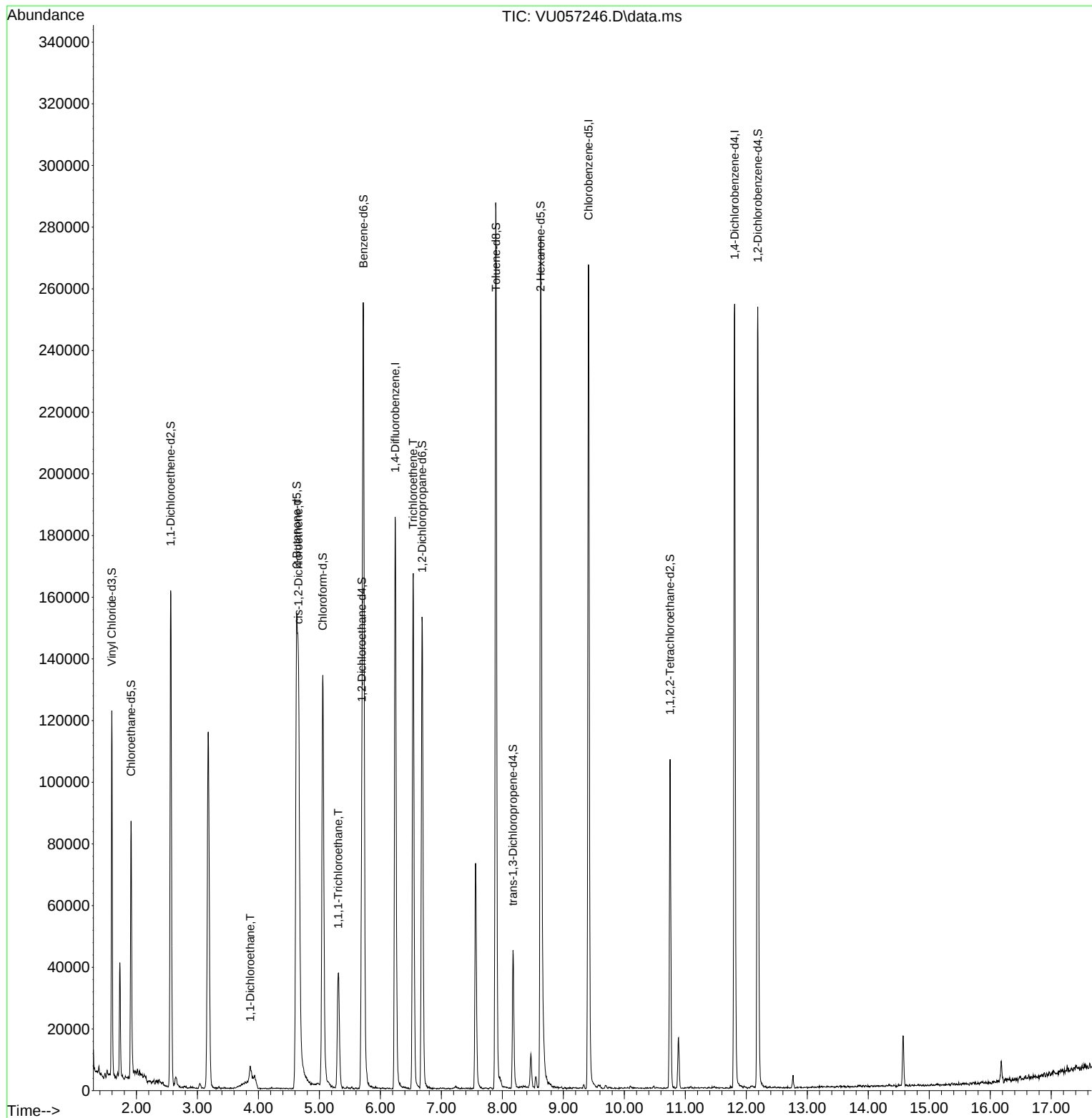
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	145329	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154968	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81106	5.839	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.800%
7) Chloroethane-d5	1.911	69	62801	5.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.560	65	31577	5.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	4.628	46	125563	57.573	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.140%
24) Chloroform-d	5.055	84	128177	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	60795	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.721	84	241457	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.682	67	74495	4.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.894	98	197534	4.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.174	79	26585	4.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.627	63	91178	42.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53062	4.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	67590	4.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
19) 1,1-Dichloroethane	3.866	63	5346	0.254	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	42615	3.652	ug/L	94
29) 1,1,1-Trichloroethane	5.309	97	28555	1.159	ug/L	99
34) Trichloroethene	6.538	95	59215	4.122	ug/L	97

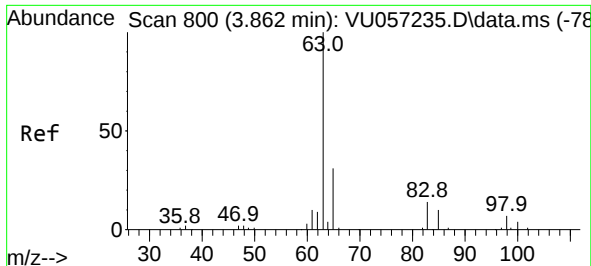
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.254 ug/L

RT: 3.866 min Scan# 80

Delta R.T. 0.003 min

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ClientSampleId :

BH7W2

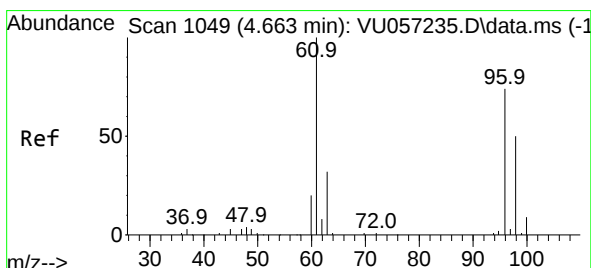
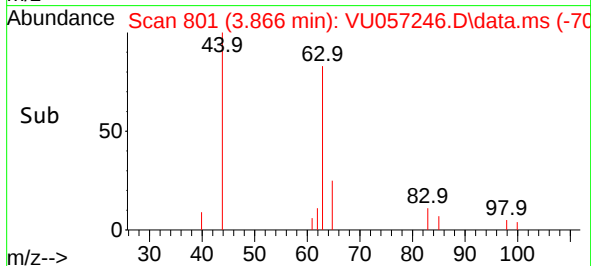
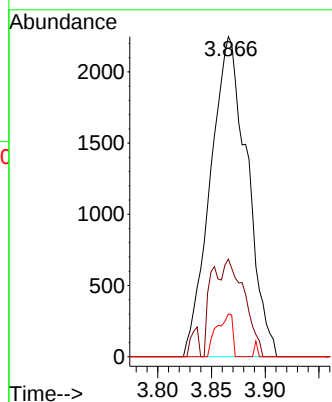
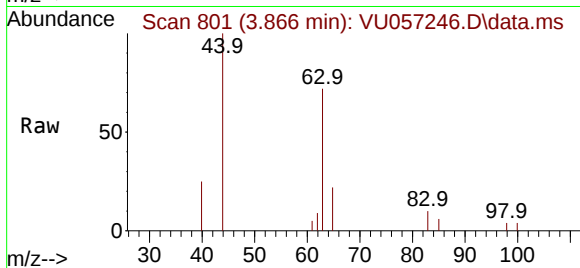
Tgt Ion: 63 Resp: 5346

Ion Ratio Lower Upper

63 100

65 30.5 21.6 40.2

83 13.4 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 3.652 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.006 min

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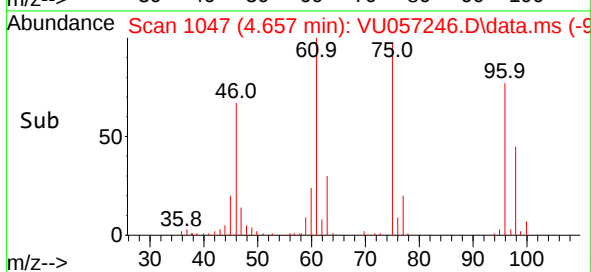
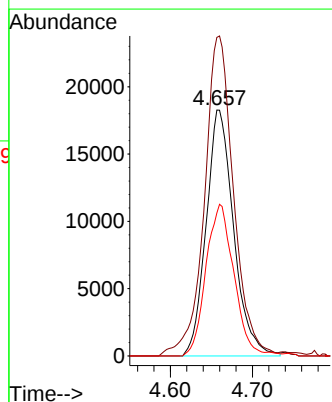
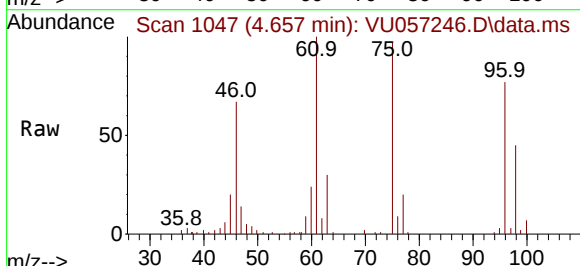
Tgt Ion: 96 Resp: 42615

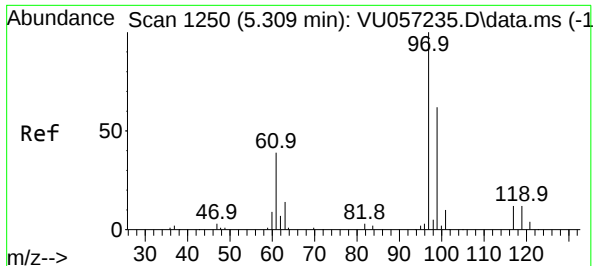
Ion Ratio Lower Upper

96 100

61 129.5 86.8 161.2

98 58.1 45.5 84.5

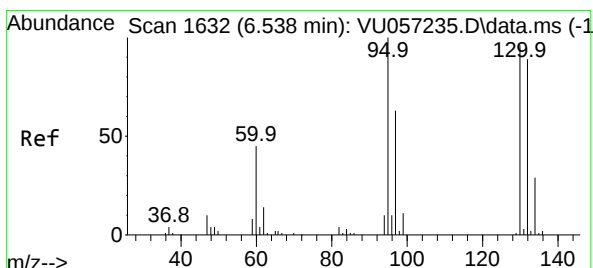
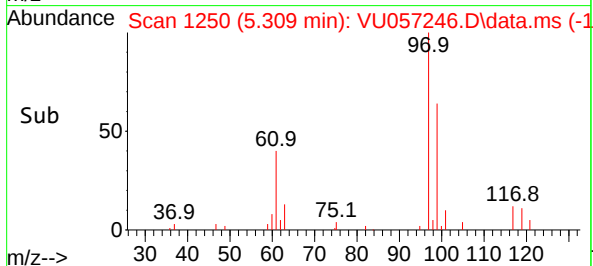
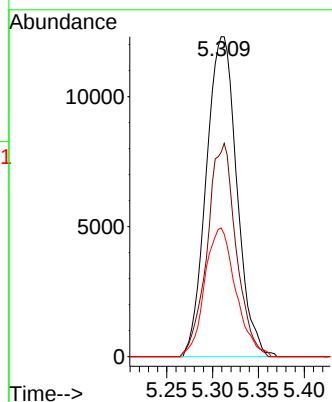
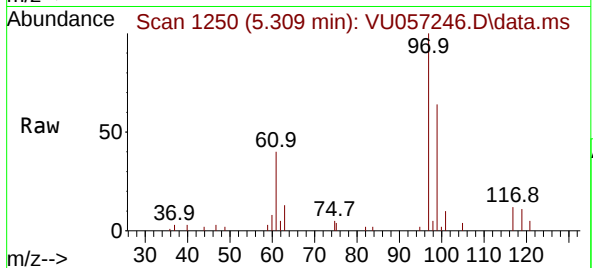




#29
1,1,1-Trichloroethane
Concen: 1.159 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
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Tgt Ion:	97	Resp:	28555
Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.2	76.8
61	40.8	32.5	48.7



#34
Trichloroethene
Concen: 4.122 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057246.D
Acq: 26 Dec 2023 19:59

Tgt Ion:	95	Resp:	59215
Ion	Ratio	Lower	Upper
95	100		
97	61.3	44.3	82.3
132	91.9	62.6	116.2
130	92.1	62.4	116.0

