

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057208.D
 Acq On : 22 Dec 2023 22:36
 Operator : MD/SY
 Sample : 05927-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWA4

Quant Time: Dec 23 00:08:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

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

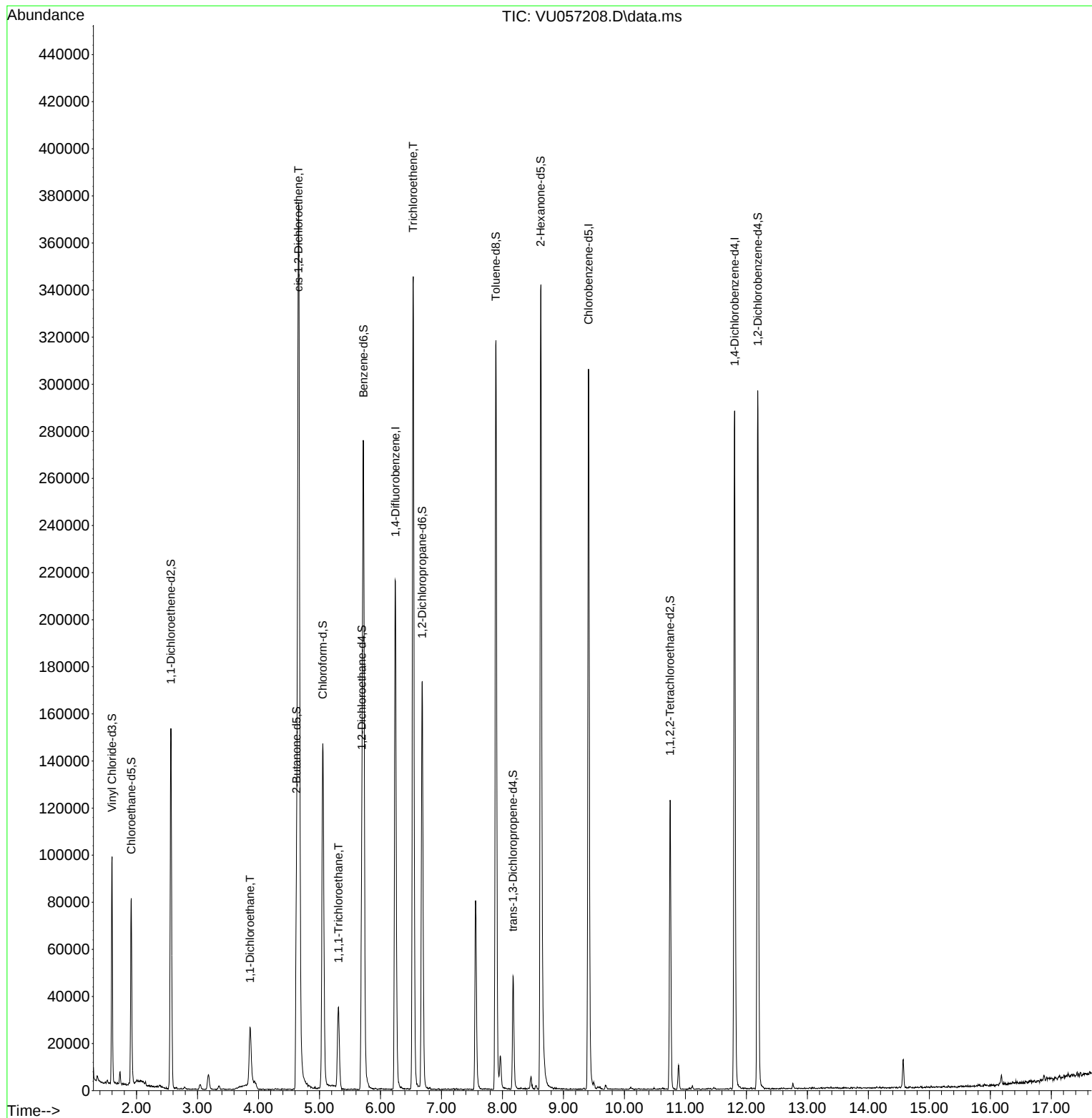
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	174501	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	174874	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	67697	4.059	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.914	69	59850	4.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.563	65	29835	4.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.624	46	138861	53.026	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.060%
24) Chloroform-d	5.055	84	143859	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	72004	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.721	84	263454	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	84254	4.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.891	98	219924	4.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.174	79	29090	4.094	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.627	63	116932	48.337	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59296	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	77609	4.745	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.862	63	28227	1.118	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	188568	13.459	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	25487	0.917	ug/L	97
34) Trichloroethene	6.537	95	123832	7.638	ug/L	98

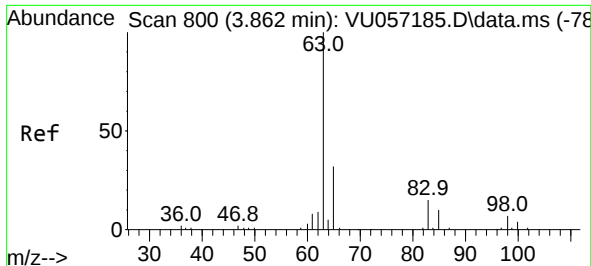
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 1.118 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

BGWA4

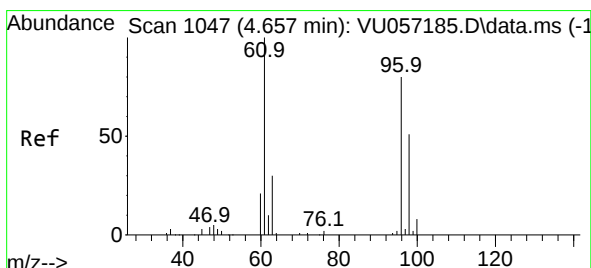
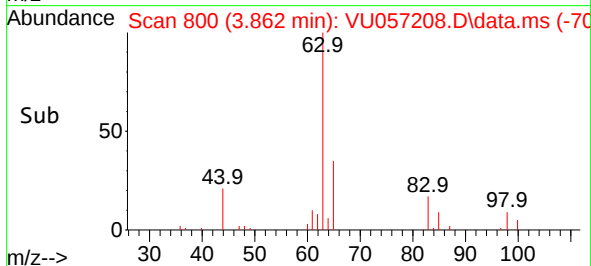
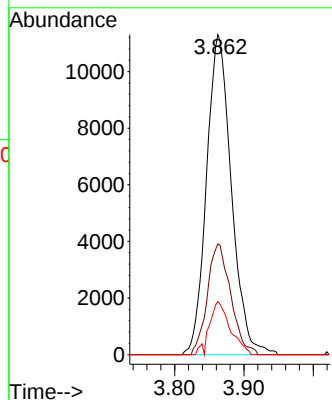
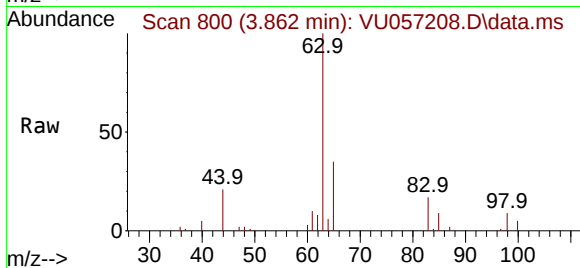
Tgt Ion: 63 Resp: 28227

Ion Ratio Lower Upper

63 100

65 34.6 21.6 40.2

83 16.6 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 13.459 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

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Acq: 22 Dec 2023 22:36

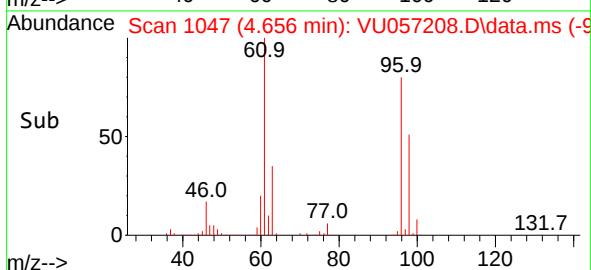
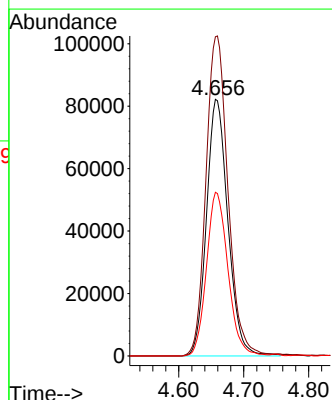
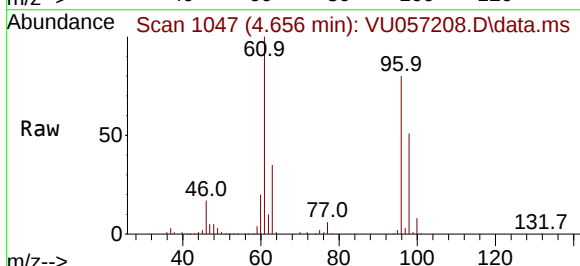
Tgt Ion: 96 Resp: 188568

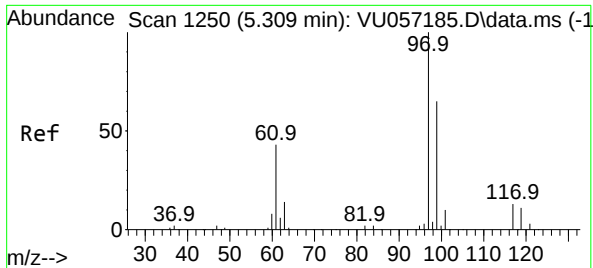
Ion Ratio Lower Upper

96 100

61 124.4 86.8 161.2

98 63.8 45.5 84.5

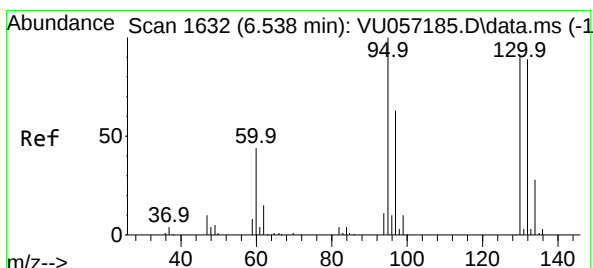
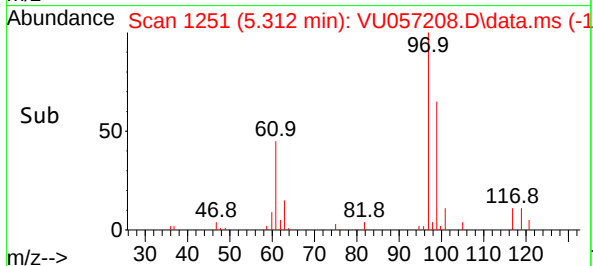
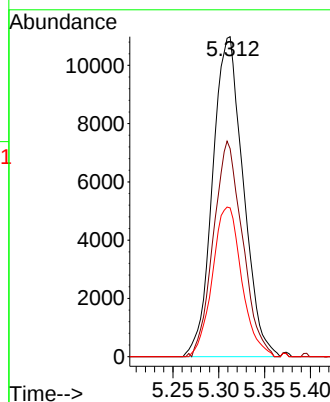
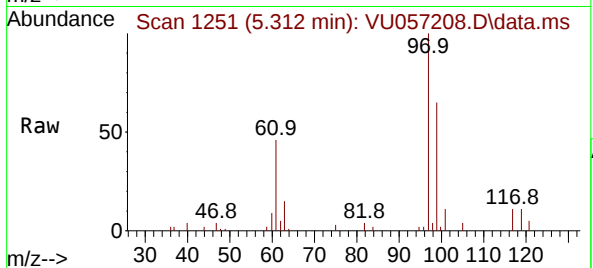




#29
1,1,1-Trichloroethane
Concen: 0.917 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057208.D
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Tgt Ion:	97	Resp:	25487
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.2	76.8
61	44.8	32.5	48.7



#34
Trichloroethene
Concen: 7.638 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057208.D
Acq: 22 Dec 2023 22:36

Tgt Ion:	95	Resp:	123832
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.3	82.3
132	91.8	62.6	116.2
130	92.2	62.4	116.0

