

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057206.D
 Acq On : 22 Dec 2023 21:47
 Operator : MD/SY
 Sample : 05927-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3J3

Quant Time: Dec 22 22:53:06 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)

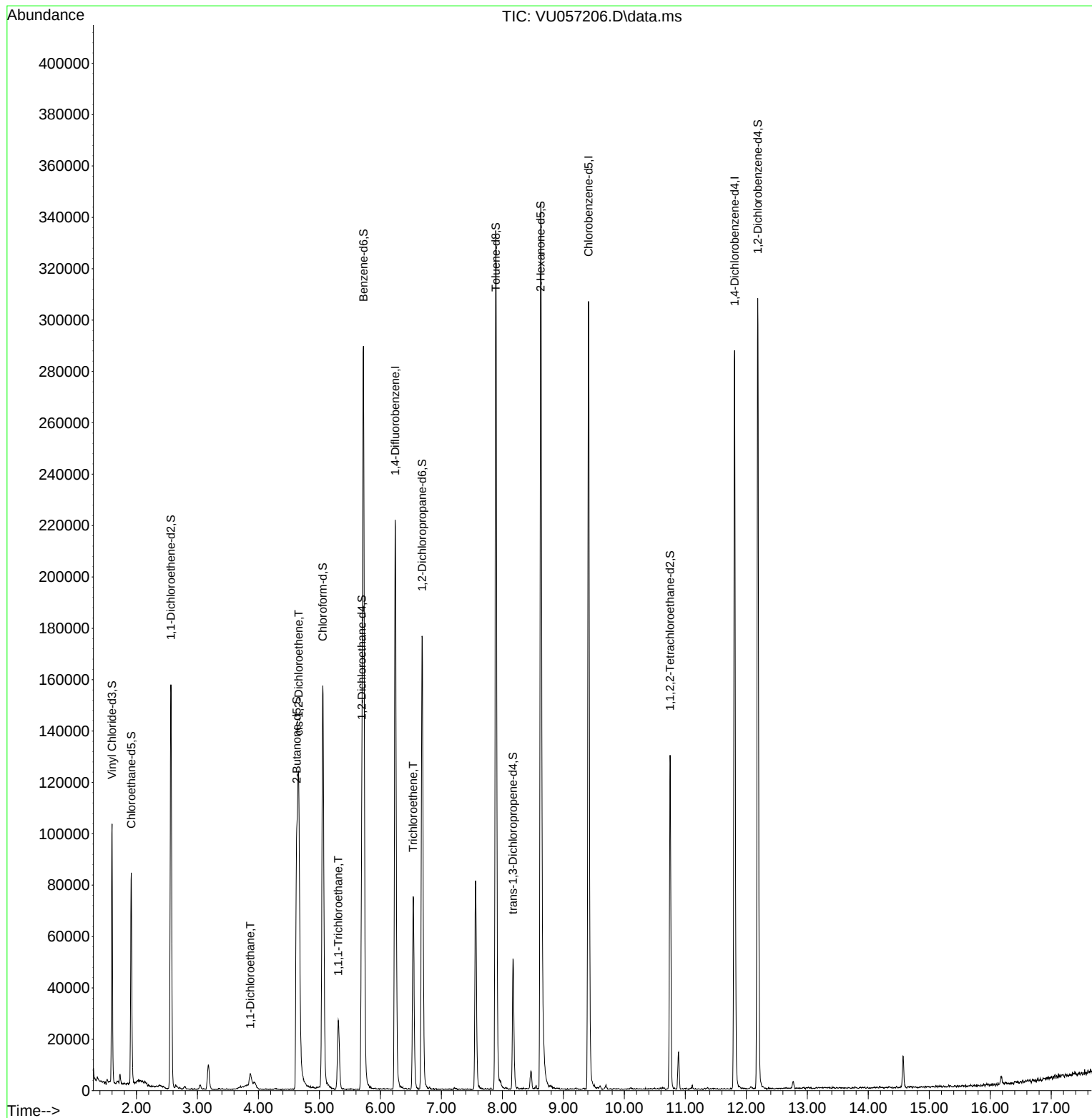
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177881	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	177939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76206	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	71871	4.227	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.914	69	62935	4.497	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.563	65	29540	4.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.628	46	146928	55.041	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.080%
24) Chloroform-d	5.055	84	155240	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	74463	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.721	84	272388	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.682	67	84869	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	228477	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.174	79	31391	4.342	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.627	63	118366	48.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.180%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62579	5.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	81798	4.988	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.866	63	5558	0.216	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	48862	3.421	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	20039	0.709	ug/L	98
34) Trichloroethene	6.538	95	26682	1.618	ug/L	98

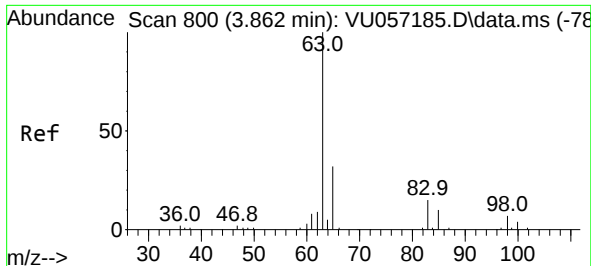
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.216 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

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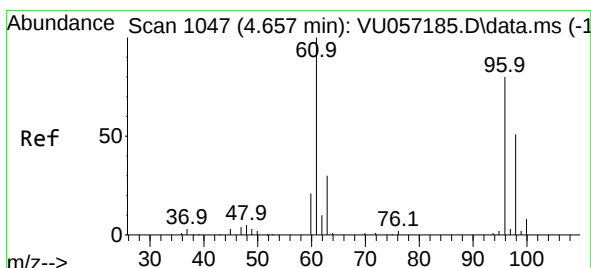
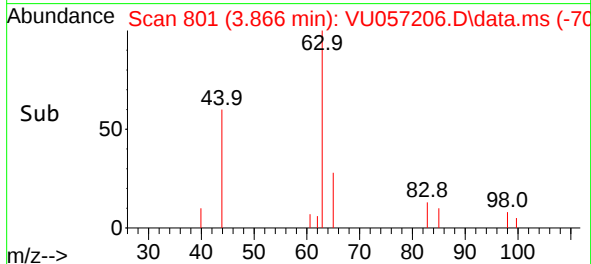
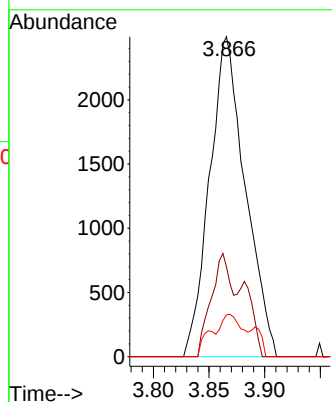
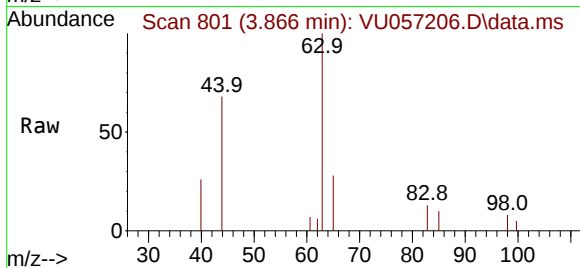
Tgt Ion: 63 Resp: 5558

Ion Ratio Lower Upper

63 100

65 28.1 21.6 40.2

83 13.0 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 3.421 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU057206.D

Acq: 22 Dec 2023 21:47

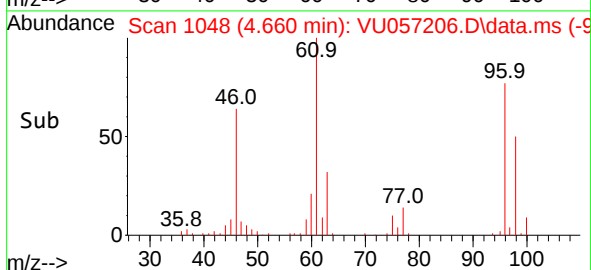
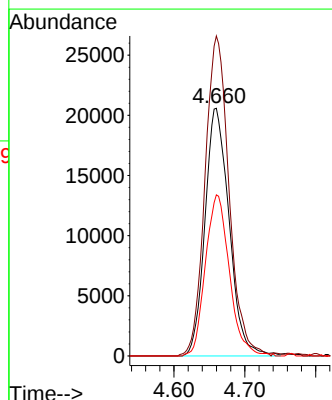
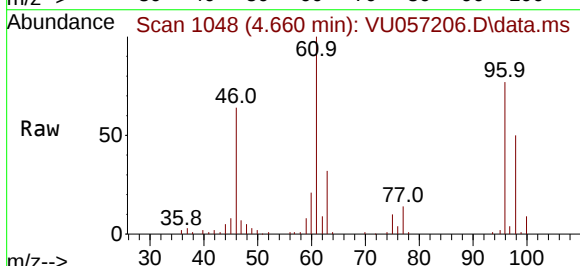
Tgt Ion: 96 Resp: 48862

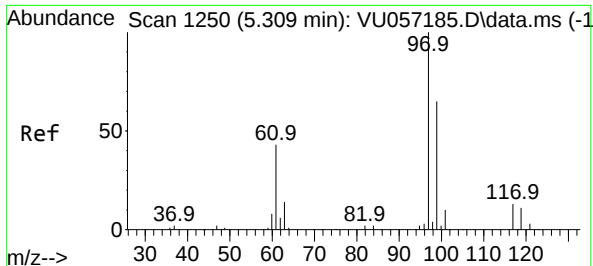
Ion Ratio Lower Upper

96 100

61 129.2 86.8 161.2

98 65.0 45.5 84.5

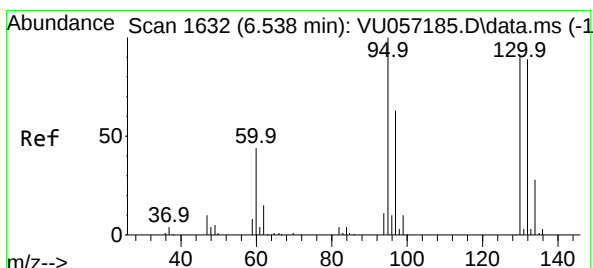
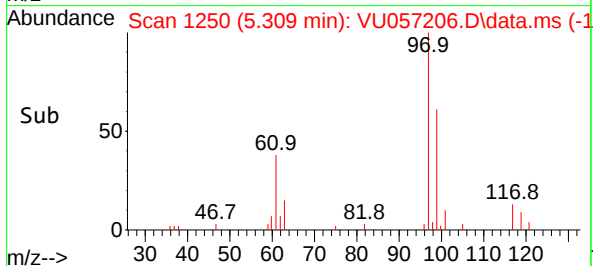
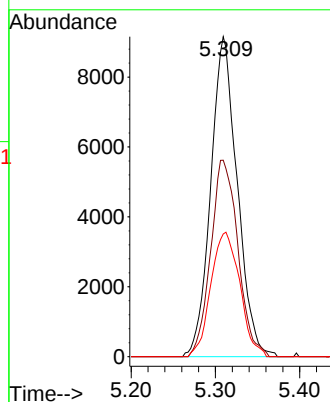
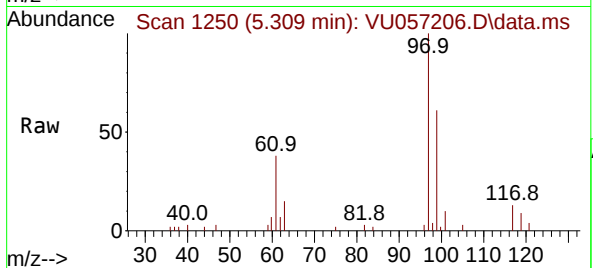




#29
1,1,1-Trichloroethane
Concen: 0.709 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
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Tgt Ion:	97	Resp:	20039
Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.2	76.8
61	42.5	32.5	48.7



#34
Trichloroethene
Concen: 1.618 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057206.D
Acq: 22 Dec 2023 21:47

Tgt Ion:	95	Resp:	26682
Ion	Ratio	Lower	Upper
95	100		
97	60.4	44.3	82.3
132	90.5	62.6	116.2
130	89.0	62.4	116.0

