

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057205.D
 Acq On : 22 Dec 2023 21:23
 Operator : MD/SY
 Sample : 05927-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWA3

Quant Time: Dec 22 22:52:50 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)

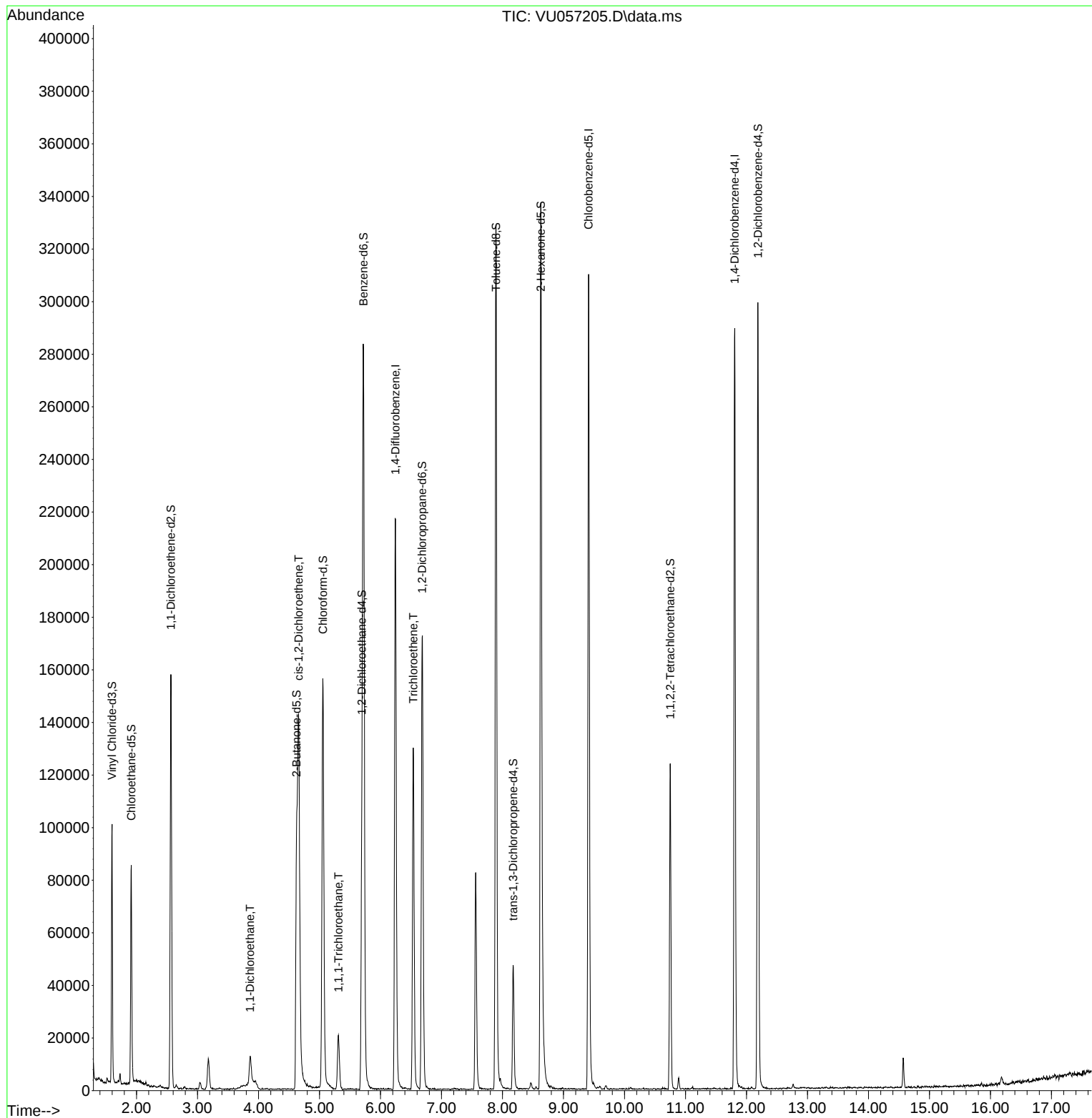
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	178026	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	174365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	66547	3.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.914	69	62241	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.563	65	29988	4.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.624	46	147467	55.198	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.400%
24) Chloroform-d	5.055	84	148711	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.695	65	74889	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.721	84	271345	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.682	67	84178	4.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.894	98	219673	4.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.174	79	30158	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.627	63	115767	47.995	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59737	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	78376	4.714	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
19) 1,1-Dichloroethane	3.862	63	13106	0.509	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	60607	4.240	ug/L	92
29) 1,1,1-Trichloroethane	5.312	97	15644	0.565	ug/L	97
34) Trichloroethene	6.537	95	45604	2.821	ug/L	93

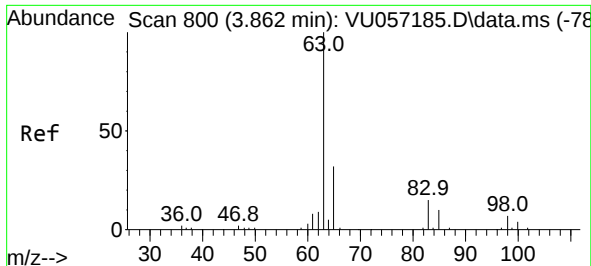
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.509 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

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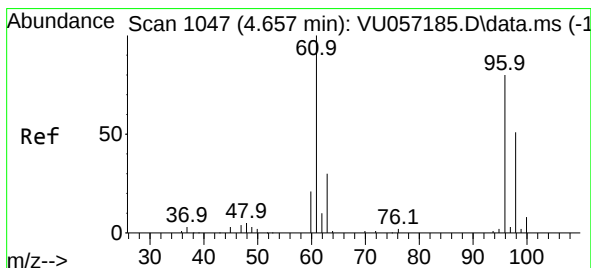
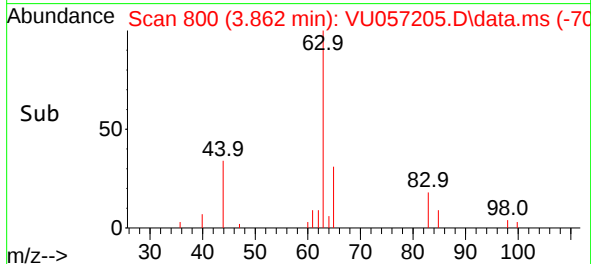
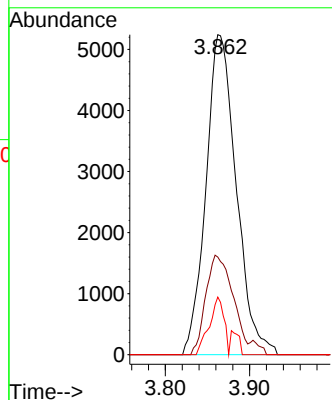
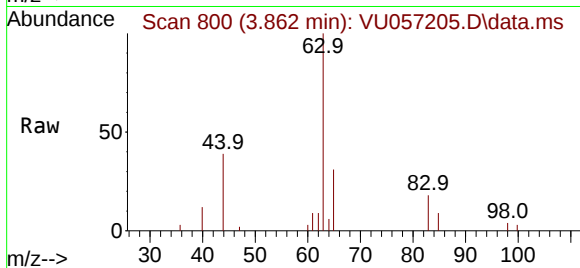
Tgt Ion: 63 Resp: 13106

Ion Ratio Lower Upper

63 100

65 30.5 21.6 40.2

83 18.0 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 4.240 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU057205.D

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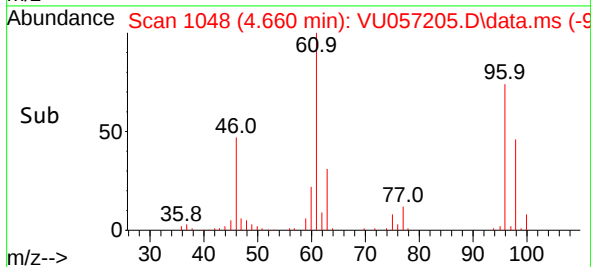
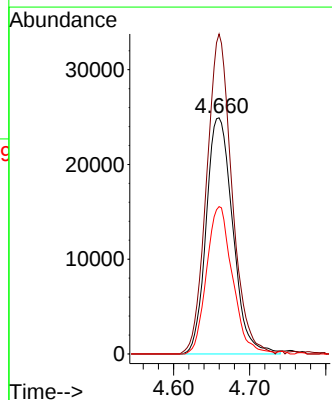
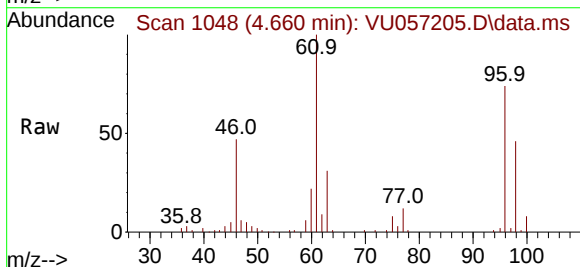
Tgt Ion: 96 Resp: 60607

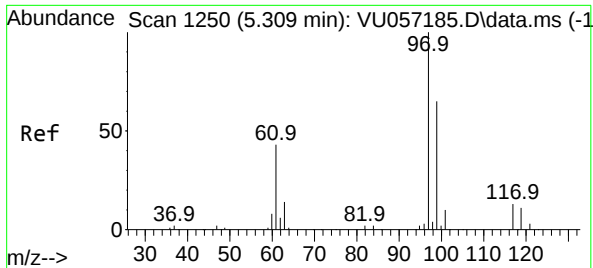
Ion Ratio Lower Upper

96 100

61 135.5 86.8 161.2

98 62.4 45.5 84.5

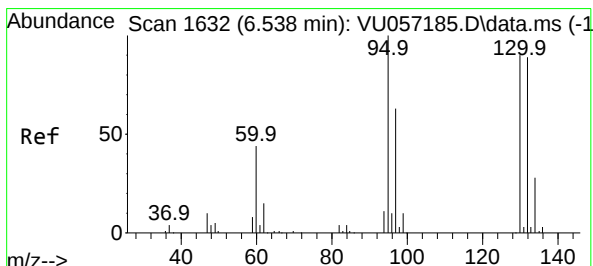
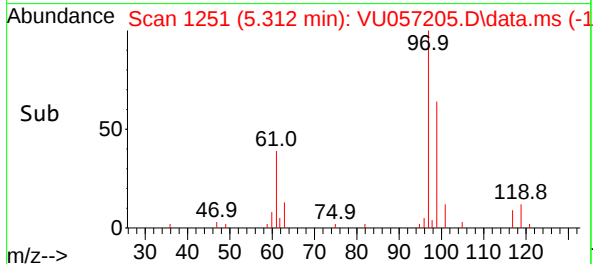
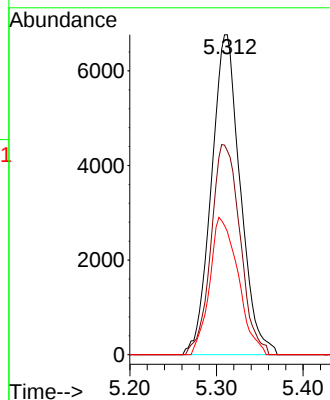
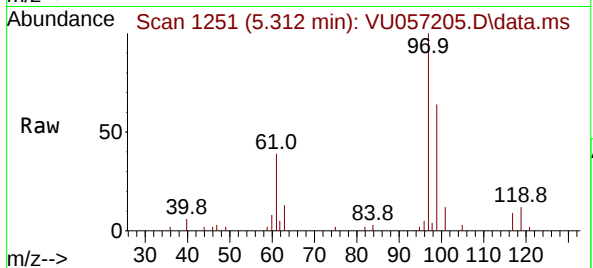




#29
1,1,1-Trichloroethane
Concen: 0.565 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057205.D
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Tgt Ion: 97	Resp: 15644
Ion Ratio	Lower Upper
97 100	
99 66.2	51.2 76.8
61 42.3	32.5 48.7



#34
Trichloroethene
Concen: 2.821 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057205.D
Acq: 22 Dec 2023 21:23

Tgt Ion: 95	Resp: 45604
Ion Ratio	Lower Upper
95 100	
97 69.7	44.3 82.3
132 91.8	62.6 116.2
130 99.2	62.4 116.0

