

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057207.D
 Acq On : 22 Dec 2023 22:12
 Operator : MD/SY
 Sample : 05927-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3J6

Quant Time: Dec 22 22:53:22 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)

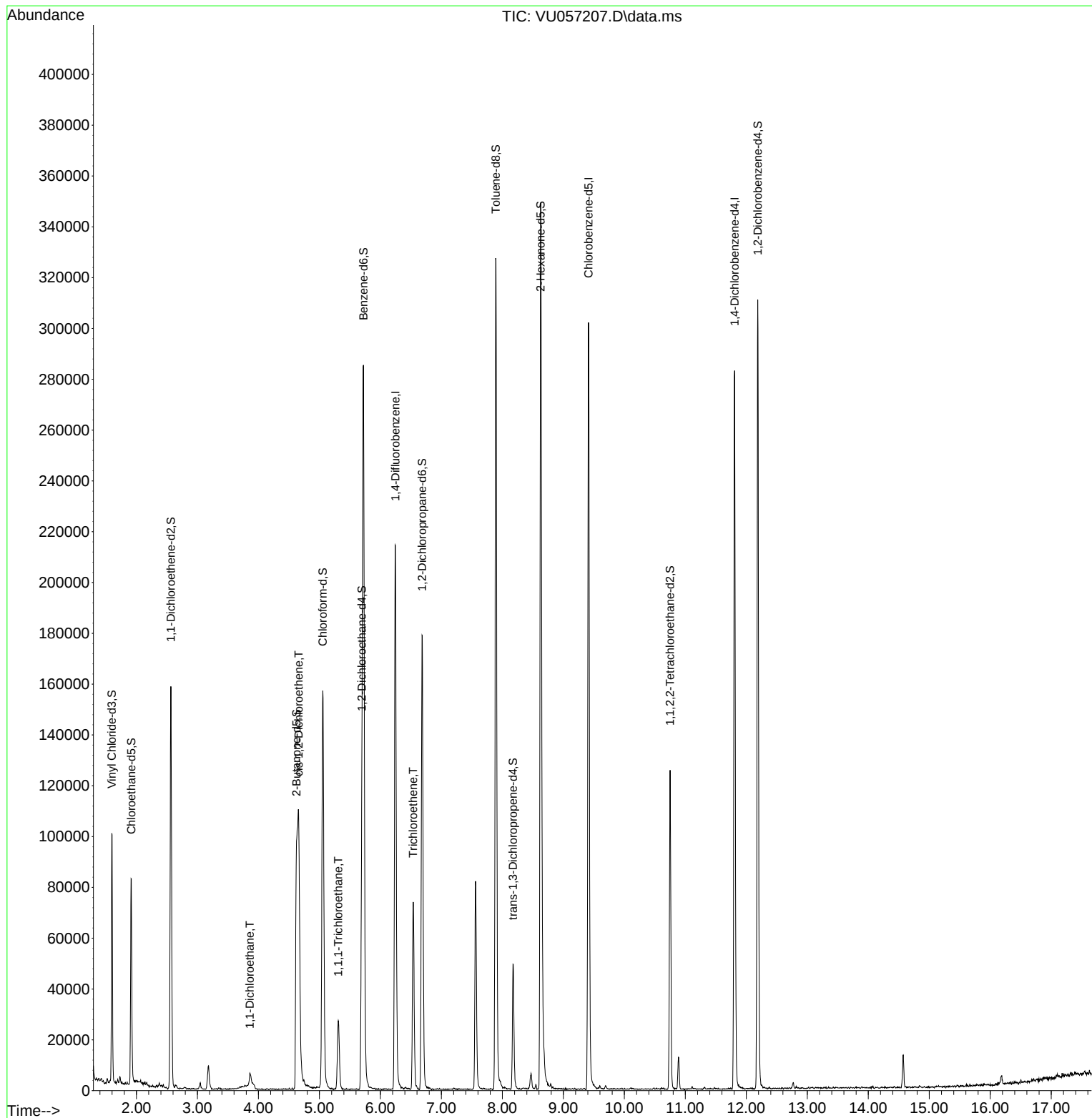
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	173951	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	175187	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69751	4.195	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.914	69	62863	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.563	65	29329	4.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.624	46	148668	56.951	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.900%
24) Chloroform-d	5.055	84	151859	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	75454	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.721	84	274433	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.682	67	84375	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	226035	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.174	79	31539	4.431	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.627	63	120473	49.711	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.420%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62130	5.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	82616	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	5332	0.212	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	43611	3.123	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	19589	0.704	ug/L	94
34) Trichloroethene	6.538	95	27012	1.663	ug/L	97

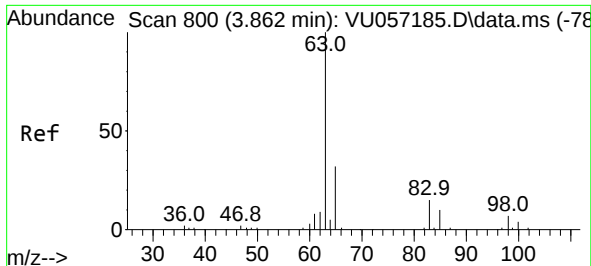
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.212 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU057207.D

Acq: 22 Dec 2023 22:12

Instrument :

MSVOA_U

ClientSampleId :

BH3J6

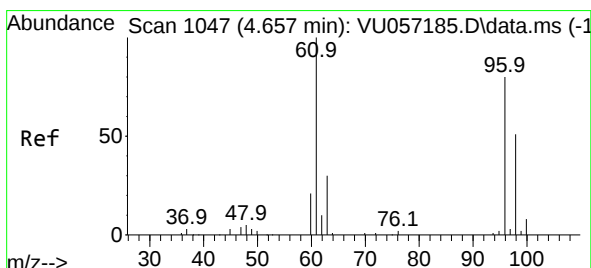
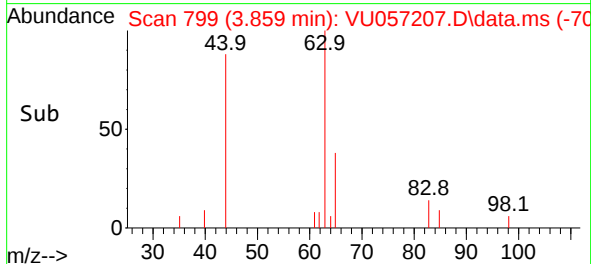
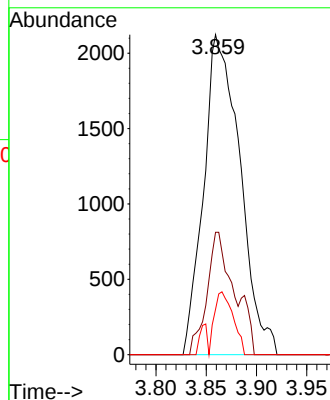
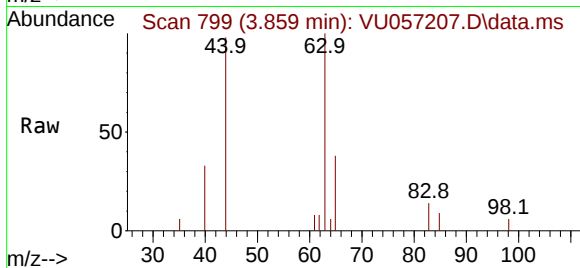
Tgt Ion: 63 Resp: 5332

Ion Ratio Lower Upper

63 100

65 38.2 21.6 40.2

83 14.2 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 3.123 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU057207.D

Acq: 22 Dec 2023 22:12

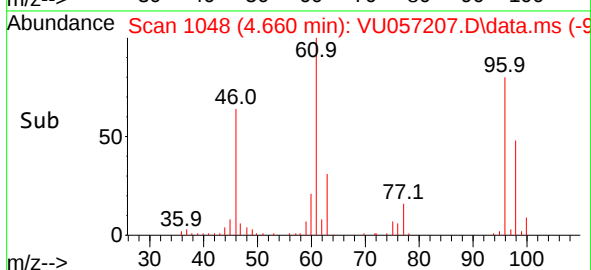
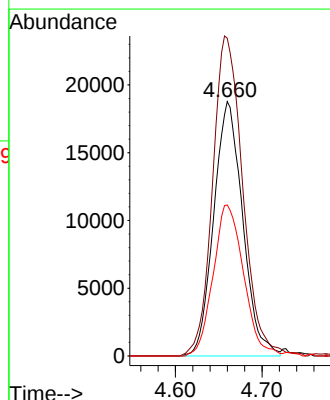
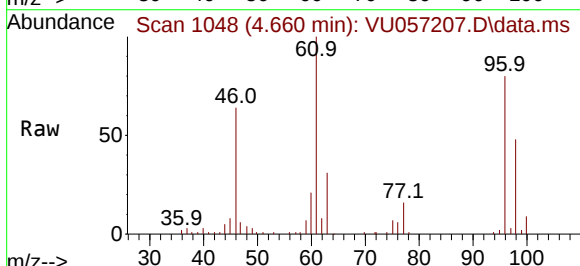
Tgt Ion: 96 Resp: 43611

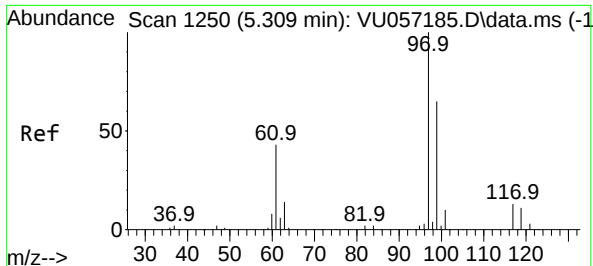
Ion Ratio Lower Upper

96 100

61 124.9 86.8 161.2

98 59.4 45.5 84.5

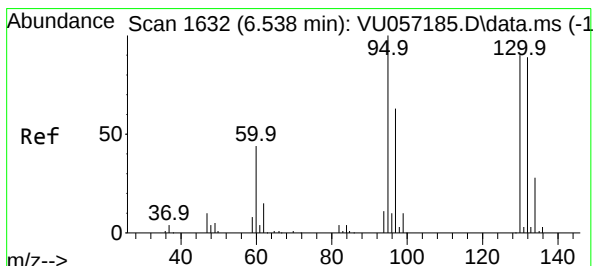
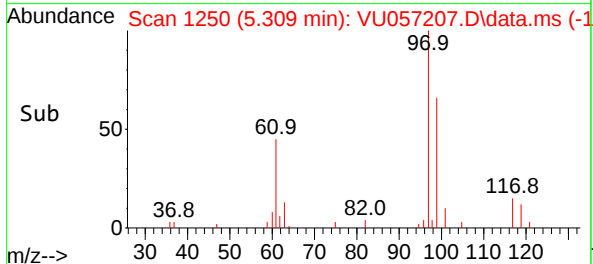
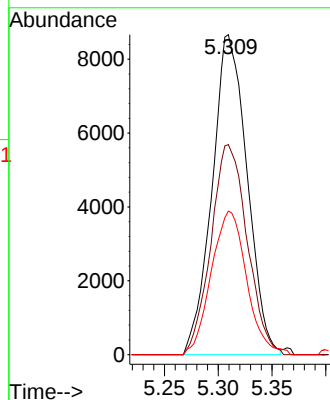
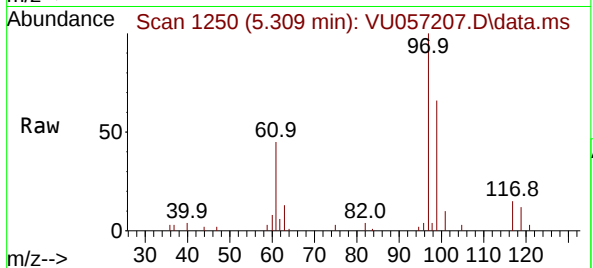




#29
1,1,1-Trichloroethane
Concen: 0.704 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
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Tgt Ion:	97	Resp:	19589
Ion	Ratio	Lower	Upper
97	100		
99	67.8	51.2	76.8
61	45.4	32.5	48.7



#34
Trichloroethene
Concen: 1.663 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057207.D
Acq: 22 Dec 2023 22:12

Tgt Ion:	95	Resp:	27012
Ion	Ratio	Lower	Upper
95	100		
97	61.1	44.3	82.3
132	86.8	62.6	116.2
130	91.2	62.4	116.0

