

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056382.D
 Acq On : 16 Nov 2023 02:57
 Operator : MD/SY
 Sample : 05411-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QH2

Quant Time: Nov 16 06:15:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 05:41:06 2023
 Response via : Initial Calibration

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

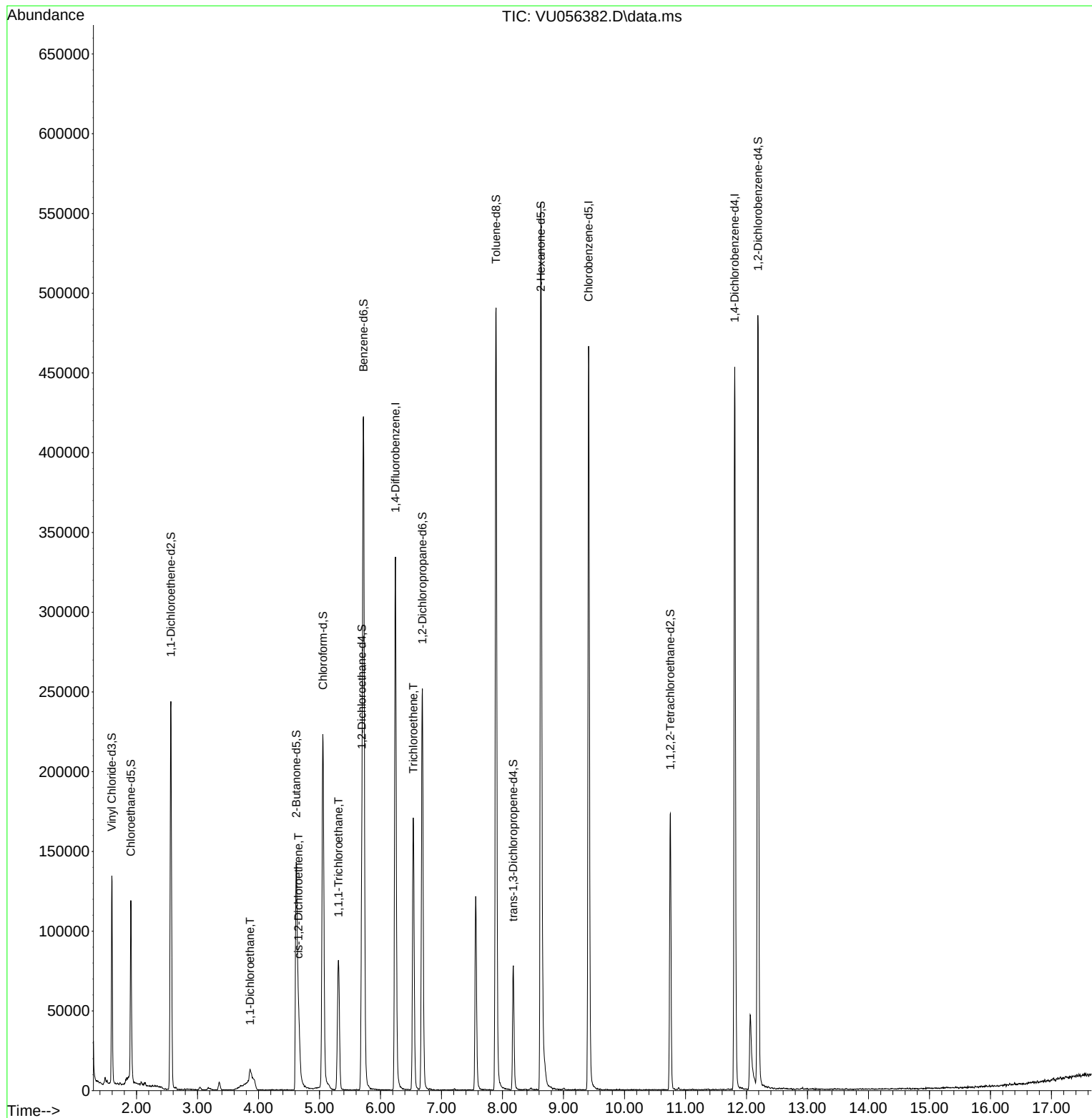
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	269508	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	266709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118581	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	93660	4.646	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.907	69	81090	5.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.563	65	47534	5.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.800%
20) 2-Butanone-d5	4.618	46	226525	56.355	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.720%
24) Chloroform-d	5.055	84	213628	5.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.695	65	104496	5.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.000%
32) Benzene-d6	5.721	84	406363	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.685	67	123634	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.894	98	342704	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.177	79	48503	5.281	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.600%
46) 2-Hexanone-d5	8.631	63	192040	53.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	88072	5.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	123951	5.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.862	63	8951	0.266	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	13222	0.687	ug/L	91
29) 1,1,1-Trichloroethane	5.312	97	62063	2.027	ug/L	99
34) Trichloroethene	6.537	95	61870	2.984	ug/L	98

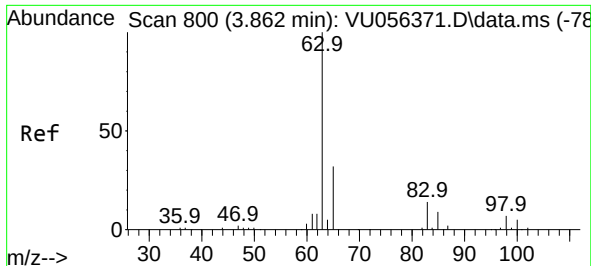
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.266 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

C0QH2

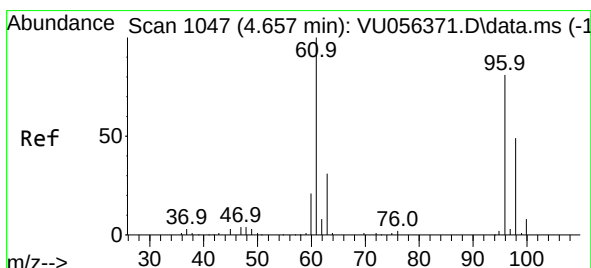
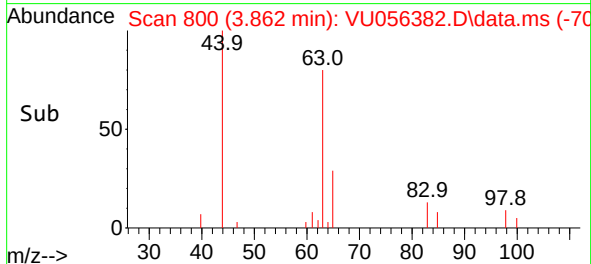
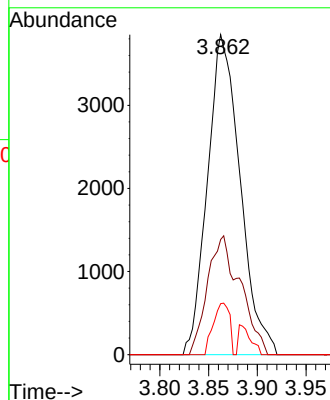
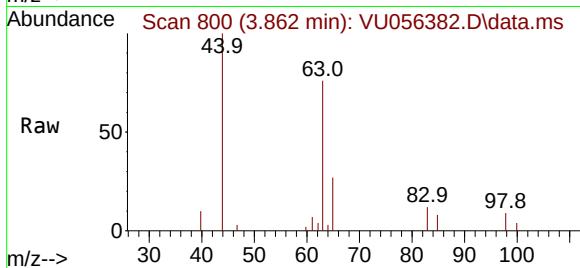
Tgt Ion: 63 Resp: 8951

Ion Ratio Lower Upper

63 100

65 36.0 21.8 40.6

83 15.9 9.7 17.9



#22

cis-1,2-Dichloroethene

Concen: 0.687 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.000 min

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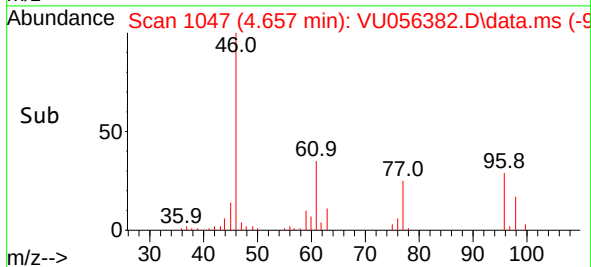
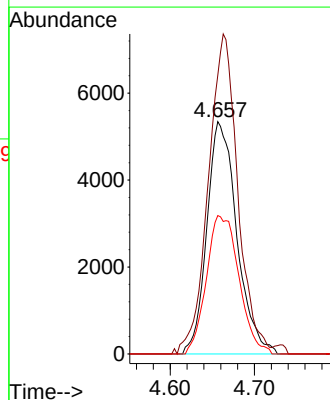
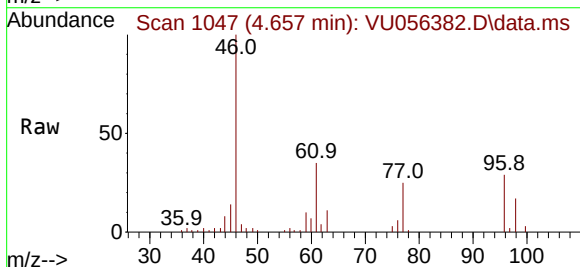
Tgt Ion: 96 Resp: 13222

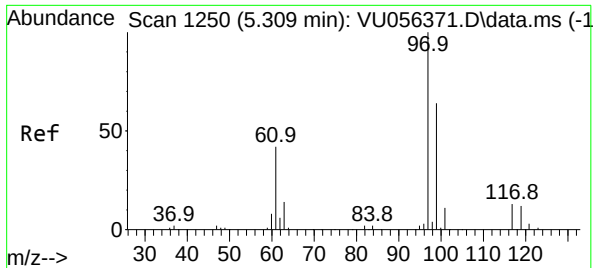
Ion Ratio Lower Upper

96 100

61 119.9 93.2 173.2

98 59.6 44.8 83.2

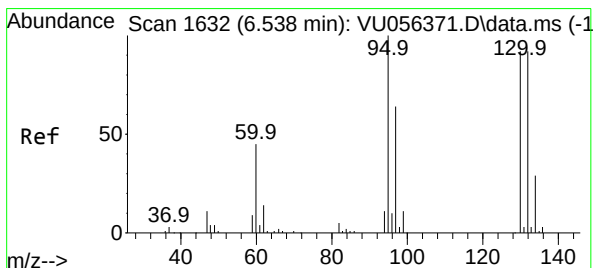
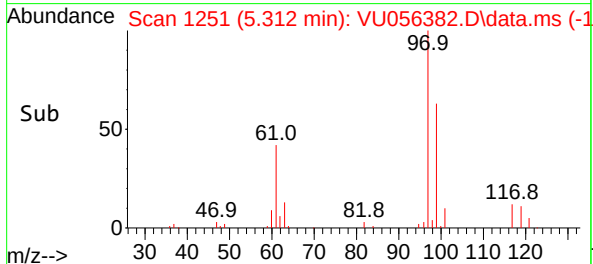
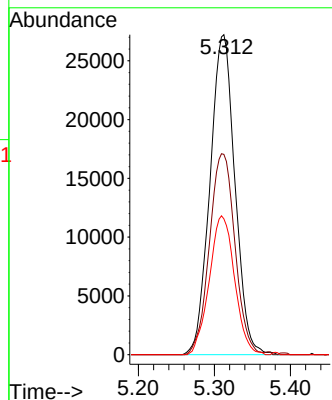
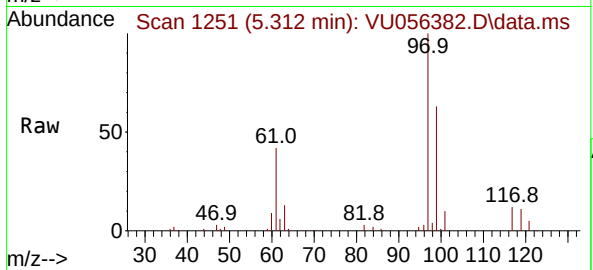




#29
1,1,1-Trichloroethane
Concen: 2.027 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
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Tgt Ion:	97	Resp:	62063
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	44.0	34.3	51.5



#34
Trichloroethene
Concen: 2.984 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056382.D
Acq: 16 Nov 2023 02:57

Tgt Ion:	95	Resp:	61870
Ion	Ratio	Lower	Upper
95	100		
97	66.4	46.5	86.3
132	91.4	62.0	115.2
130	97.5	66.3	123.1

