

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056810.D
 Acq On : 13 Dec 2023 02:12
 Operator : MD/SY
 Sample : 05675-17DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC0DL

Quant Time: Dec 13 05:00:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

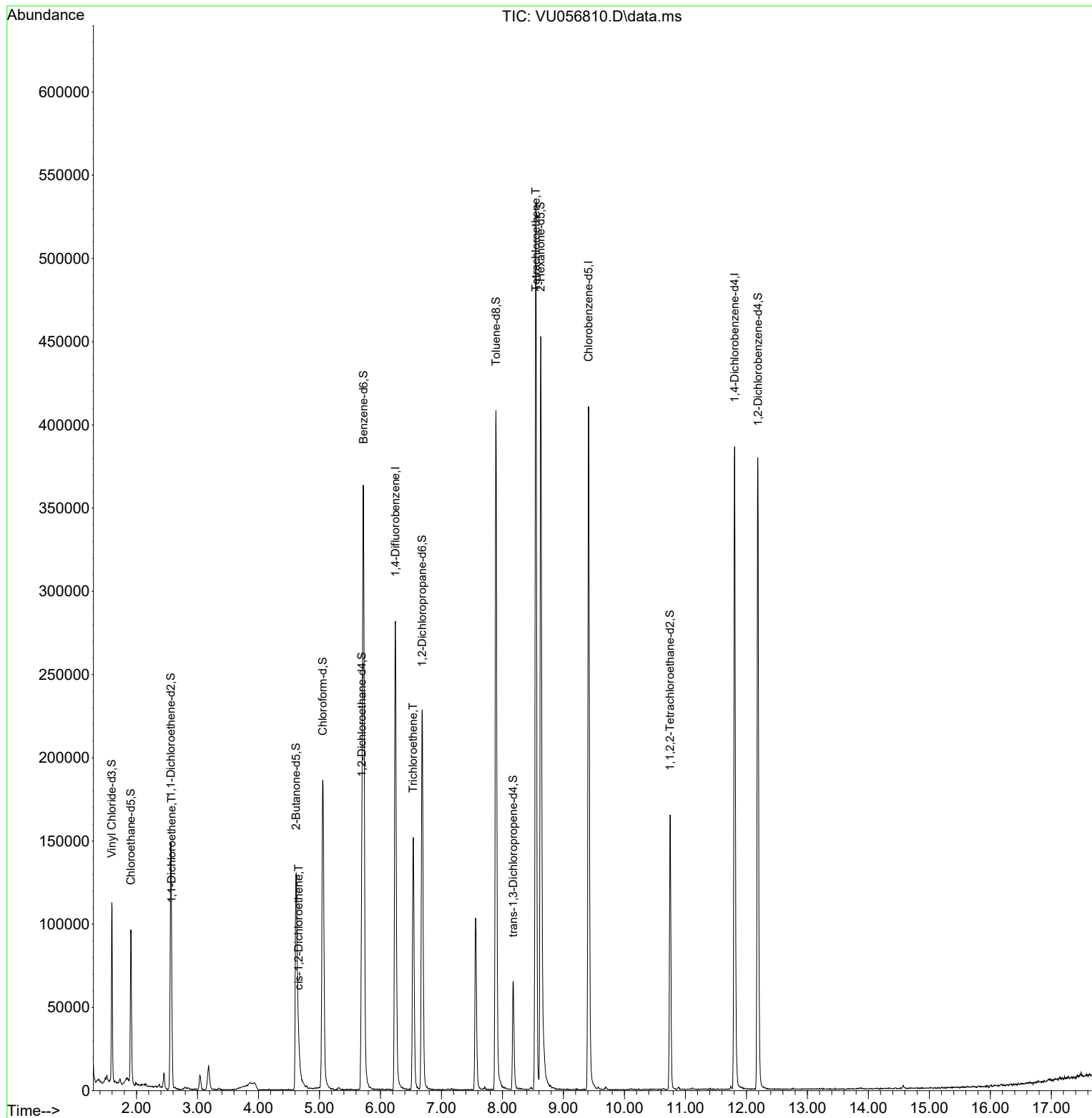
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	232114	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	242372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	75639	3.802	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.907	69	71688	4.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.563	65	27333	3.211	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	4.615	46	203538	51.802	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.600%
24) Chloroform-d	5.055	84	180809	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.695	65	92633	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.721	84	346032	4.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.682	67	113959	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.894	98	286336	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.177	79	40916	4.484	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.627	63	157015	45.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	84284	4.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	101936	4.984	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	7218	0.383	ug/L	# 1
22) cis-1,2-Dichloroethene	4.660	96	3593	0.173	ug/L	85
34) Trichloroethene	6.537	95	56461	2.416	ug/L	95
47) Tetrachloroethene	8.547	164	116403	7.118	ug/L	98

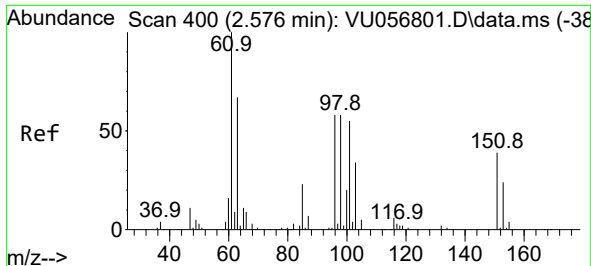
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.383 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056810.D

Acq: 13 Dec 2023 02:12

Instrument :

MSVOA_U

ClientSampleId :

H0AC0DL

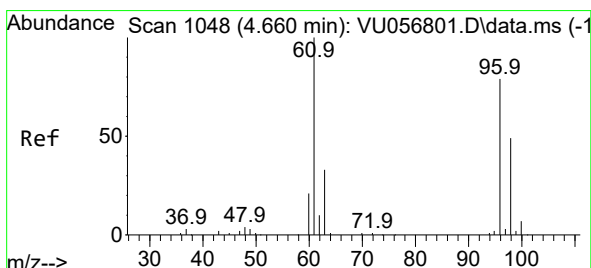
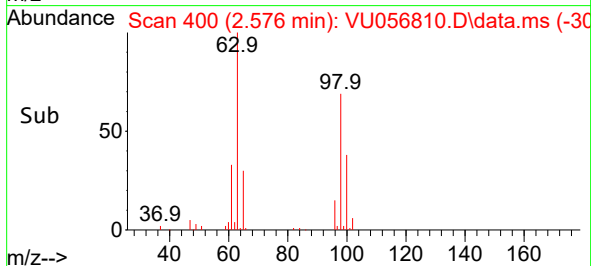
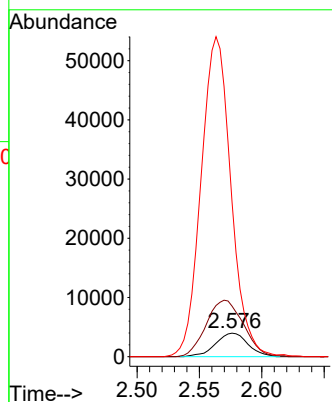
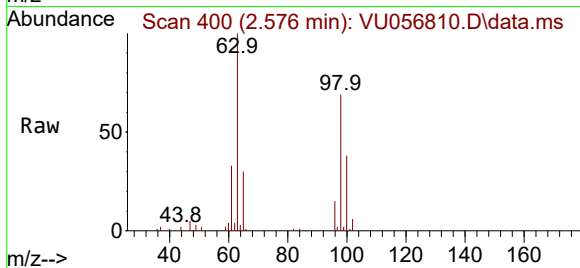
Tgt Ion: 96 Resp: 7218

Ion Ratio Lower Upper

96 100

61 191.2 119.0 221.0

63 585.5 88.7 164.7#



#22

cis-1,2-Dichloroethene

Concen: 0.173 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU056810.D

Acq: 13 Dec 2023 02:12

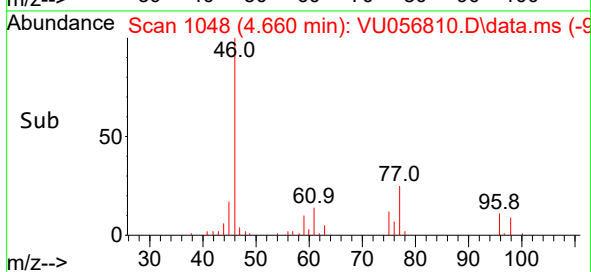
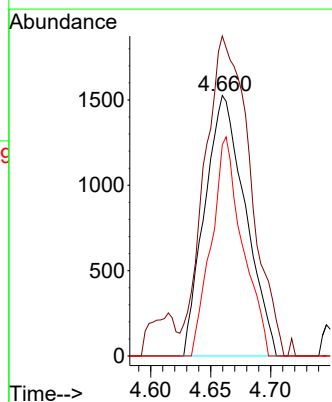
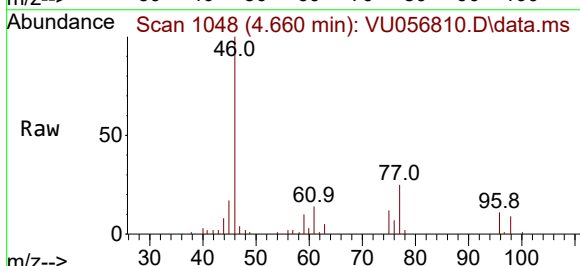
Tgt Ion: 96 Resp: 3593

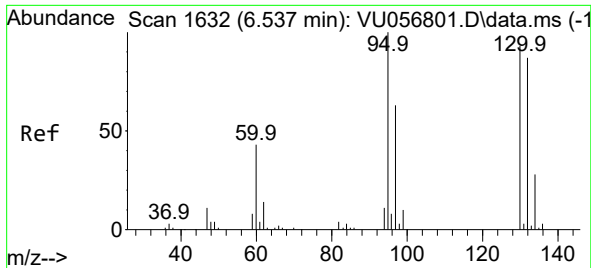
Ion Ratio Lower Upper

96 100

61 112.3 91.3 169.6

98 74.1 44.2 82.0

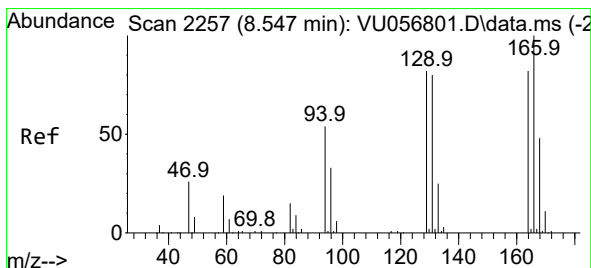
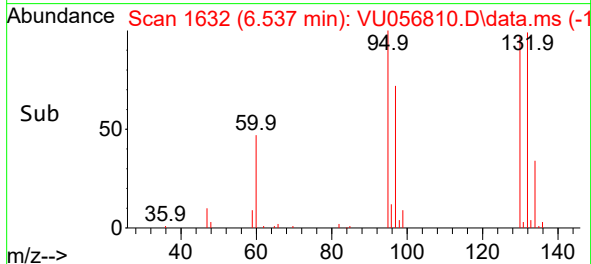
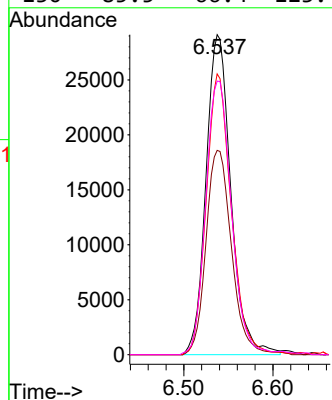
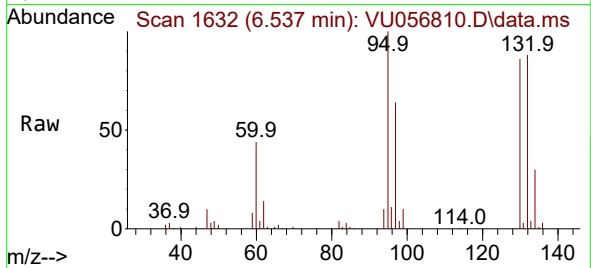




#34
Trichloroethene
Concen: 2.416 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
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Instrument :
MSVOA_U
ClientSampleId :
H0AC0DL

Tgt Ion: 95 Resp: 56461
Ion Ratio Lower Upper
95 100
97 63.8 46.1 85.5
132 87.8 63.6 118.0
130 85.5 66.4 123.4



#47
Tetrachloroethene
Concen: 7.118 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU056810.D
Acq: 13 Dec 2023 02:12

Tgt Ion: 164 Resp: 116403
Ion Ratio Lower Upper
164 100
129 105.3 73.4 136.4
131 99.0 71.5 132.9
166 129.1 92.7 172.1

