

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057014.D
 Acq On : 19 Dec 2023 00:29
 Operator : MD/SY
 Sample : 05830-03 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB3

Quant Time: Dec 19 05:12:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 02:36:03 2023
 Response via : Initial Calibration

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

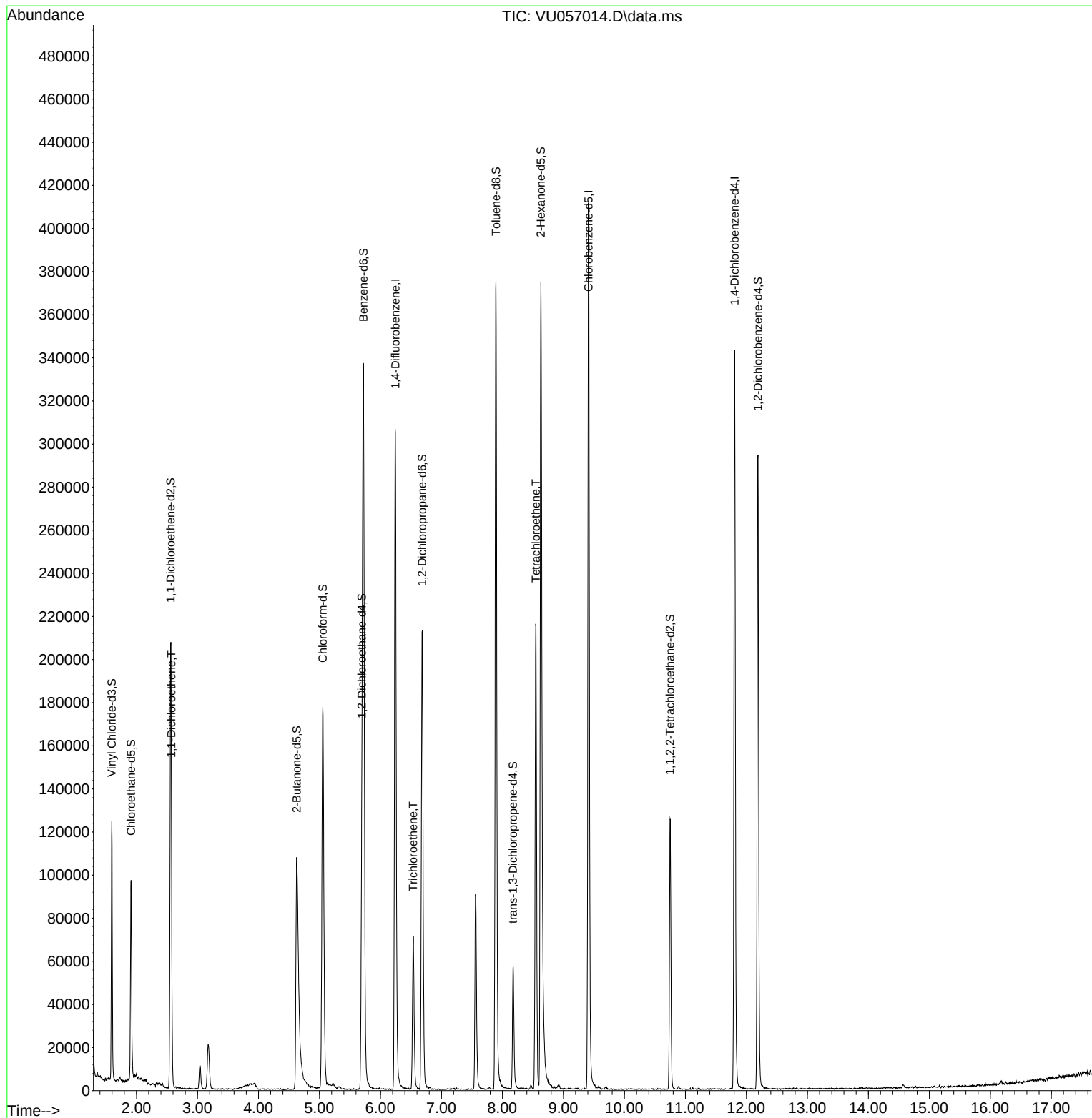
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	250993	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	239347	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	90572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86628	4.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.911	69	68591	4.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.560	65	38129	4.142	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.628	46	178494	42.011	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.020%
24) Chloroform-d	5.055	84	174092	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.695	65	80494	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.721	84	323494	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.685	67	104694	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.894	98	264750	3.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.174	79	35779	3.971	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.631	63	133387	39.247	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	63320	3.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	79319	4.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	5814	0.285	ug/L	# 1
34) Trichloroethene	6.537	95	25915	1.123	ug/L	96
47) Tetrachloroethene	8.550	164	48084	2.978	ug/L	97

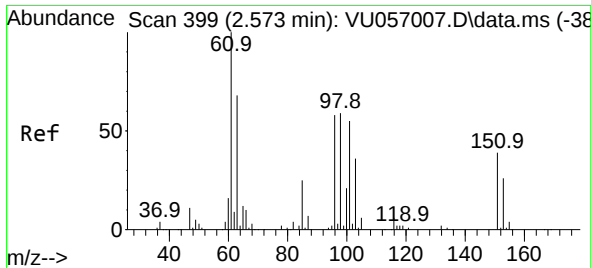
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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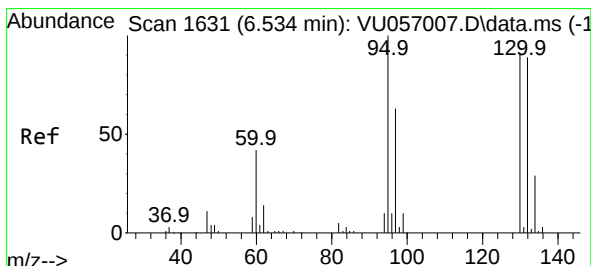
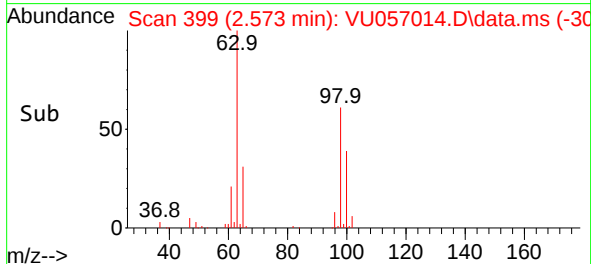
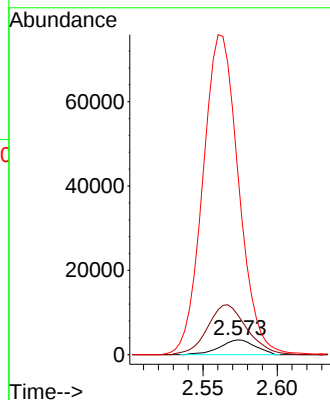
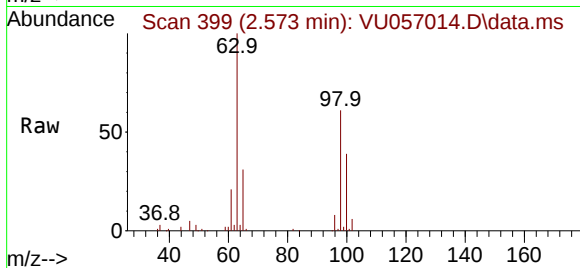




#12
1,1-Dichloroethene
Concen: 0.285 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU057014.D
Acq: 19 Dec 2023 00:29

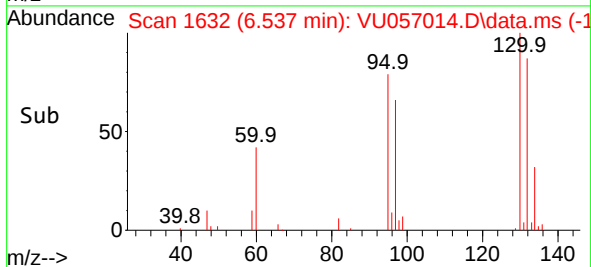
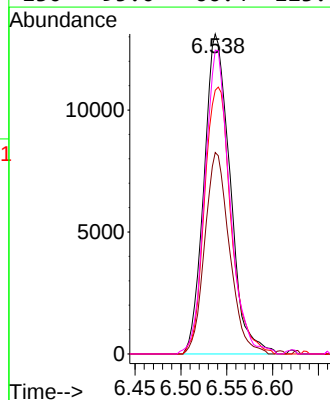
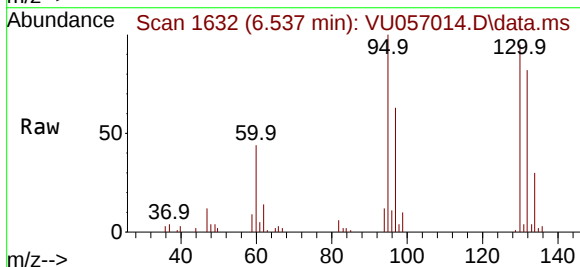
Instrument :
MSVOA_U
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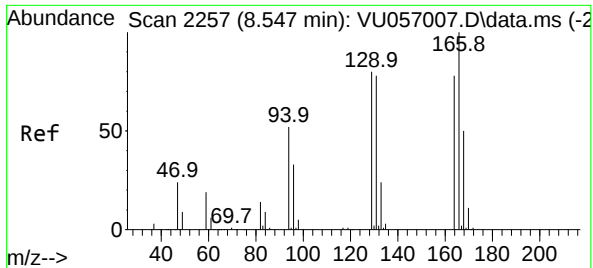
Tgt Ion: 96 Resp: 5814
Ion Ratio Lower Upper
96 100
61 276.2 119.0 221.0#
63 1288.1 88.7 164.7#



#34
Trichloroethene
Concen: 1.123 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU057014.D
Acq: 19 Dec 2023 00:29

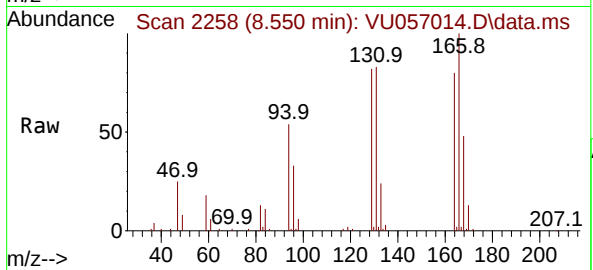
Tgt Ion: 95 Resp: 25915
Ion Ratio Lower Upper
95 100
97 63.0 46.1 85.5
132 82.4 63.6 118.0
130 95.0 66.4 123.4





#47
 Tetrachloroethene
 Concen: 2.978 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU057014.D
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Tgt Ion:164 Resp: 48084

Ion	Ratio	Lower	Upper
164	100		
129	102.5	73.4	136.4
131	103.2	71.5	132.9
166	124.9	92.7	172.1

