

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055838.D
 Acq On : 20 Oct 2023 17:28
 Operator : MD/SY
 Sample : 04961-02ME
 Misc : 5.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 01:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

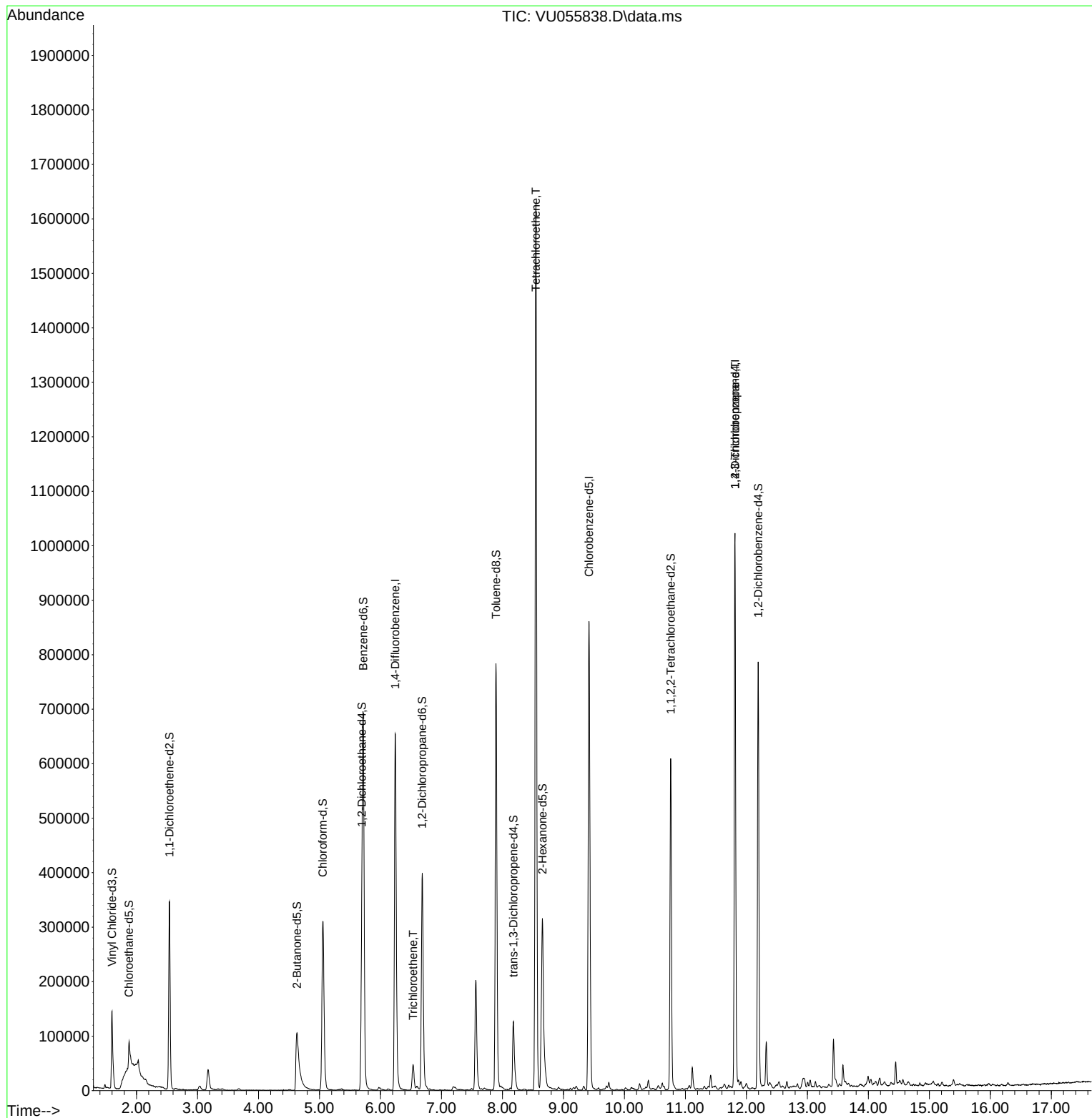
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	591132	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	582237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	265480	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	143647	27.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.180%#
7) Chloroethane-d5	1.878	69	55608	12.830	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	25.660%#
11) 1,1-Dichloroethene-d2	2.541	63	212219	22.447	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.900%#
21) 2-Butanone-d5	4.631	46	237895	60.551	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.550%
24) Chloroform-d	5.055	84	323179	31.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.580%#
26) 1,2-Dichloroethane-d4	5.695	65	216055	34.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.060%#
32) Benzene-d6	5.717	84	637216	34.206	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.420%#
36) 1,2-Dichloropropane-d6	6.685	67	208955	35.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	70.860%
41) Toluene-d8	7.894	98	564310	33.547	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.100%#
43) trans-1,3-Dichloroprop...	8.180	79	92338	32.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.180%
47) 2-Hexanone-d5	8.656	63	133659	57.650	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	57.650%
56) 1,1,2,2-Tetrachloroeth...	10.759	84	309354	34.078	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	68.160%
66) 1,2-Dichlorobenzene-d4	12.193	152	202247	38.389	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.780%#
Target Compounds						
					Qvalue	
34) Trichloroethene	6.537	95	13001	2.582	ug/L	98
46) Tetrachloroethene	8.550	164	360746	100.052	ug/L	97
60) 1,2,3-Trichloropropane	11.814	75	33237	5.769	ug/L #	68

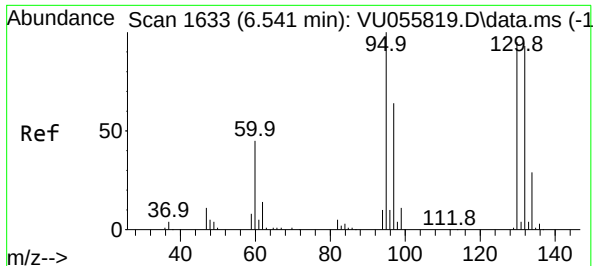
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 2.582 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.003 min

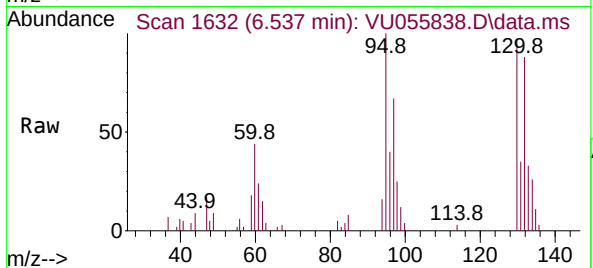
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MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 13001

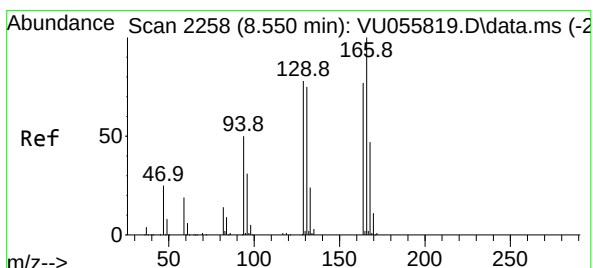
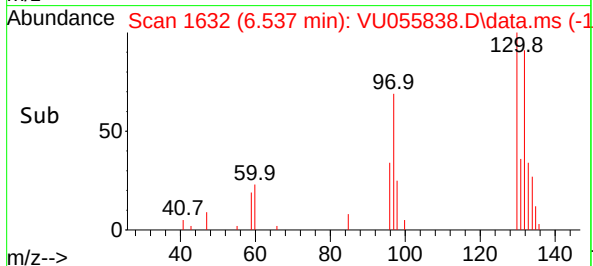
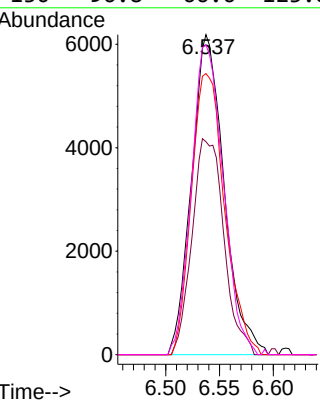
Ion Ratio Lower Upper

95 100

97 66.5 44.4 82.5

132 87.9 61.8 114.8

130 96.8 66.6 123.8



#46

Tetrachloroethene

Concen: 100.052 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

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Tgt Ion:164 Resp: 360746

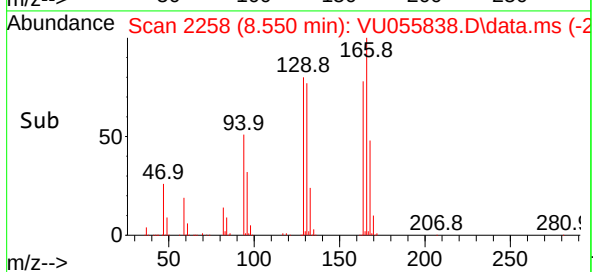
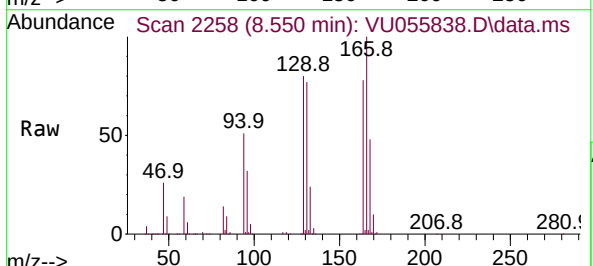
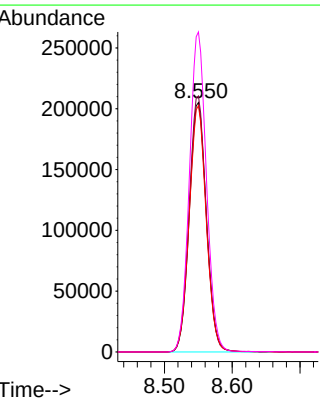
Ion Ratio Lower Upper

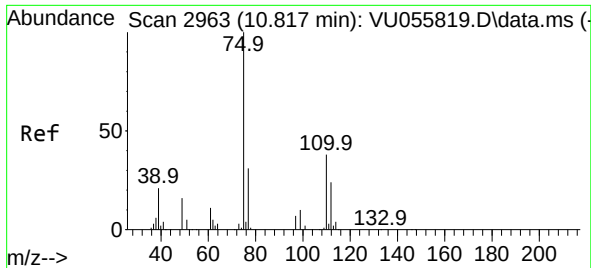
164 100

129 102.6 70.7 131.3

131 98.8 65.9 122.5

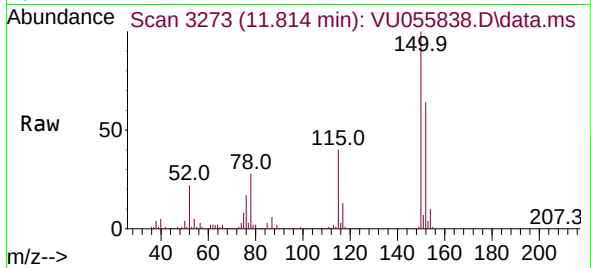
166 128.3 87.8 163.0





#60
1,2,3-Trichloropropane
Concen: 5.769 ug/L
RT: 11.814 min Scan# 31
Delta R.T. 0.997 min
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Tgt Ion:	75	Resp:	33237
Ion Ratio	Lower	Upper	
75	100		
77	34.3	25.8	38.8
110	1.9	28.5	42.7#

