

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050223\
 Data File : VU054045.D
 Acq On : 02 May 2023 12:35
 Operator : JC/MD
 Sample : 02565-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AX4

Quant Time: May 03 05:20:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 03 05:19:13 2023
 Response via : Initial Calibration

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

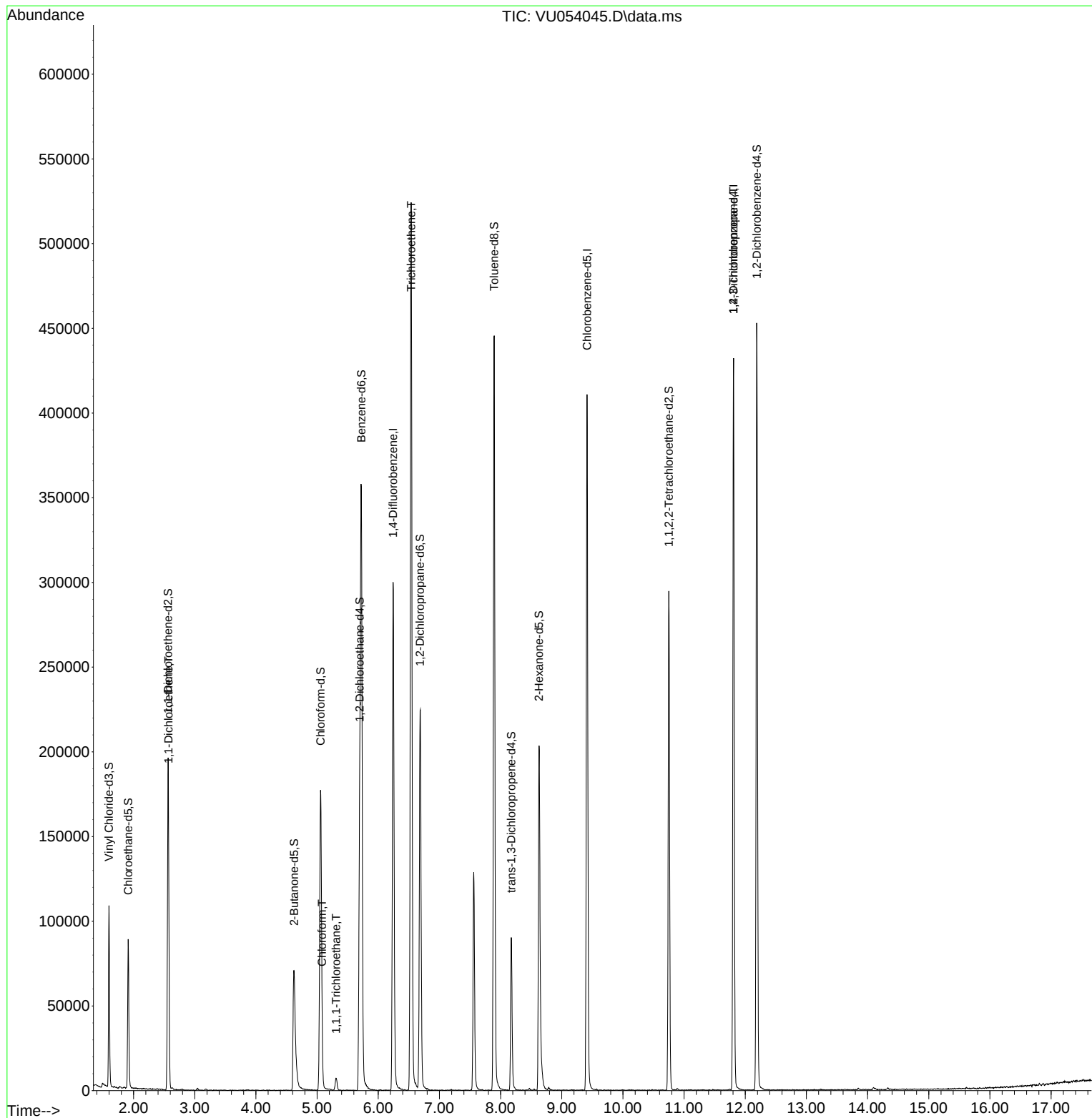
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	249599	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	234826	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79528	42.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.260%
7) Chloroethane-d5	1.912	69	65666	52.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.980%
11) 1,1-Dichloroethene-d2	2.565	63	117422	35.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.140%
21) 2-Butanone-d5	4.623	46	110427	102.565	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.570%
24) Chloroform-d	5.057	84	171158	49.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.740%
26) 1,2-Dichloroethane-d4	5.697	65	111199	49.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
32) Benzene-d6	5.722	84	336664	48.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.420%
36) 1,2-Dichloropropane-d6	6.684	67	109374	50.123	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.240%
41) Toluene-d8	7.896	98	300187	48.103	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.176	79	53876	49.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.780%
47) 2-Hexanone-d5	8.629	63	70436	90.122	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.120%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	142249	49.490	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.980%
66) 1,2-Dichlorobenzene-d4	12.188	152	123812	53.344	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.680%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.571	96	1100	0.760	ug/L #	1
25) Chloroform	5.083	83	2597	0.774	ug/L	85
30) 1,1,1-Trichloroethane	5.311	97	5919	2.022	ug/L #	89
34) Trichloroethene	6.539	95	183729	101.279	ug/L	98
60) 1,2,3-Trichloropropane	11.809	75	13339	6.044	ug/L #	67

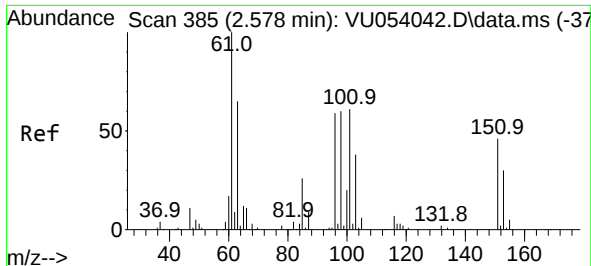
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.760 ug/L

RT: 2.571 min Scan# 385

Delta R.T. -0.007 min

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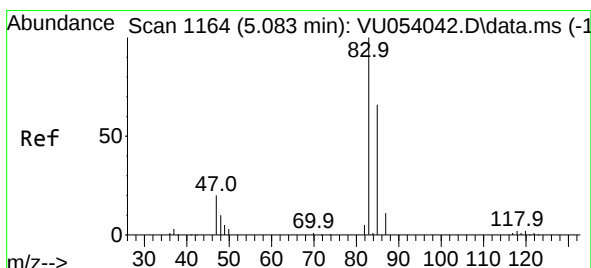
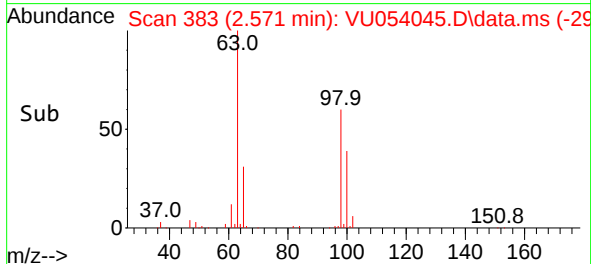
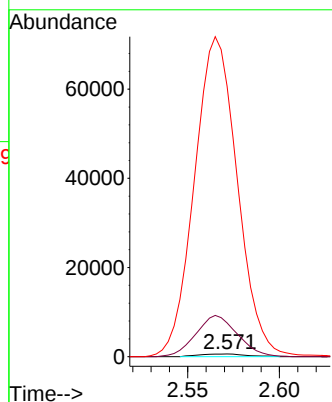
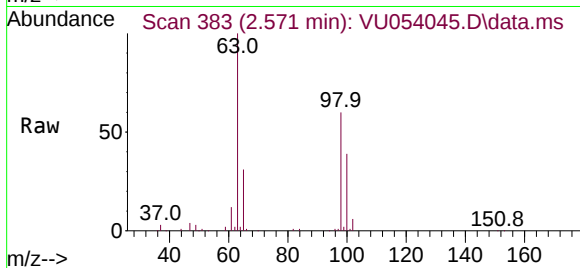
Tgt Ion: 96 Resp: 1100

Ion Ratio Lower Upper

96 100

61 1257.7 118.3 219.7#

63 10100.5 92.3 171.5#



#25

Chloroform

Concen: 0.774 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

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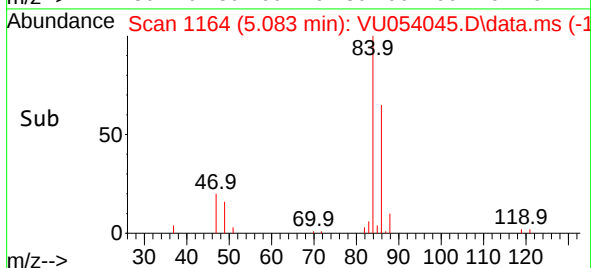
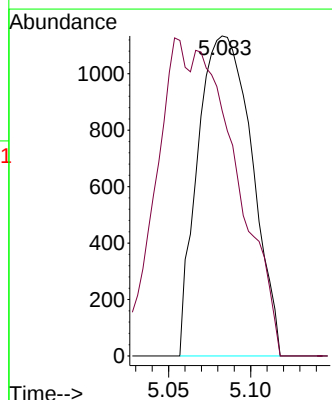
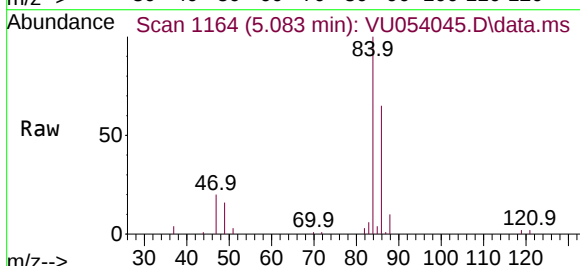
Acq: 02 May 2023 12:35

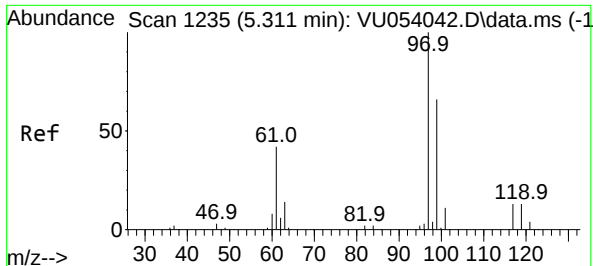
Tgt Ion: 83 Resp: 2597

Ion Ratio Lower Upper

83 100

85 76.7 45.2 84.0





#30

1,1,1-Trichloroethane

Concen: 2.022 ug/L

RT: 5.311 min Scan# 11

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

C0AX4

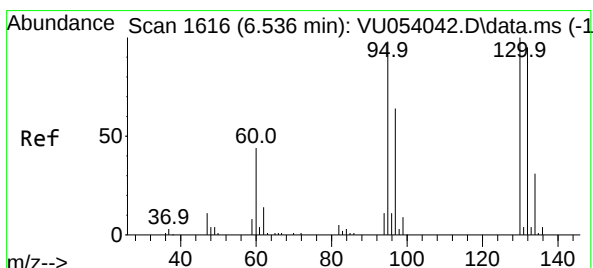
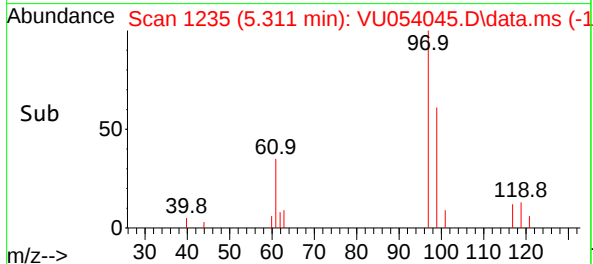
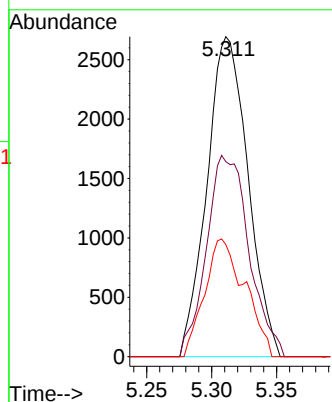
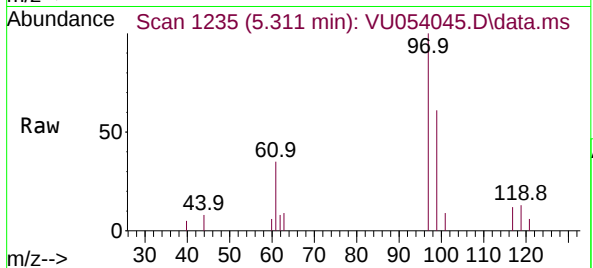
Tgt Ion: 97 Resp: 5919

Ion Ratio Lower Upper

97 100

99 65.1 51.2 76.8

61 27.0 34.2 51.4#



#34

Trichloroethene

Concen: 101.279 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.003 min

Lab File: VU054045.D

Acq: 02 May 2023 12:35

Tgt Ion: 95 Resp: 183729

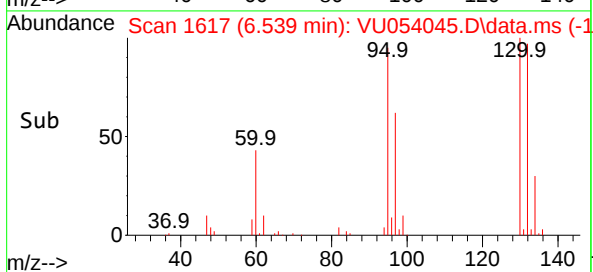
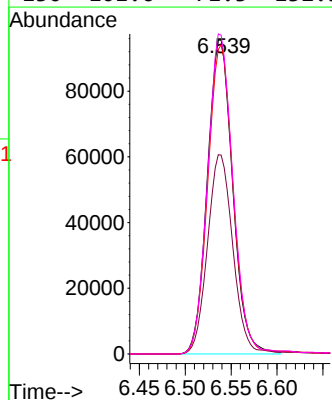
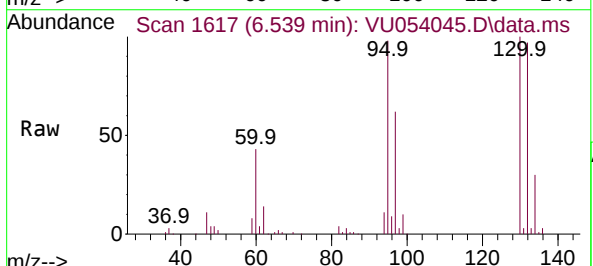
Ion Ratio Lower Upper

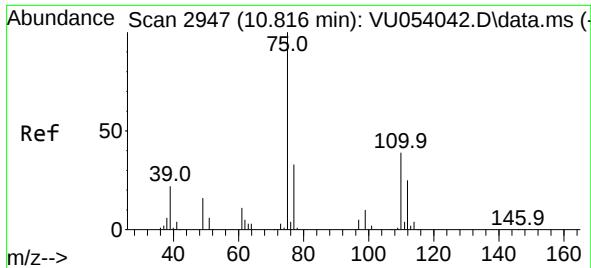
95 100

97 63.3 46.5 86.3

132 98.6 67.8 126.0

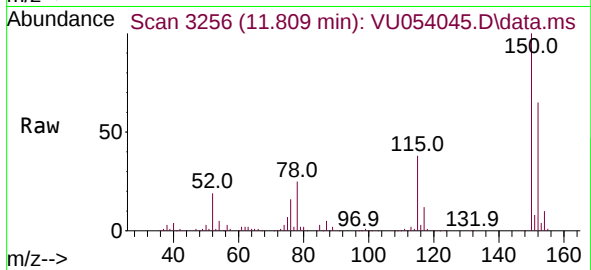
130 101.6 71.3 132.3





#60
 1,2,3-Trichloropropane
 Concen: 6.044 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU054045.D
 Acq: 02 May 2023 12:35

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Tgt Ion: 75	Resp:	13339
Ion	Ratio	Lower Upper
75	100	
77	32.4	26.0 39.0
110	2.5	31.8 47.8#

