

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042923\
 Data File : VU053967.D
 Acq On : 28 Apr 2023 13:44
 Operator : JC/MD
 Sample : VM0428WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 14 01:54:10 2023
 Response via : Initial Calibration

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

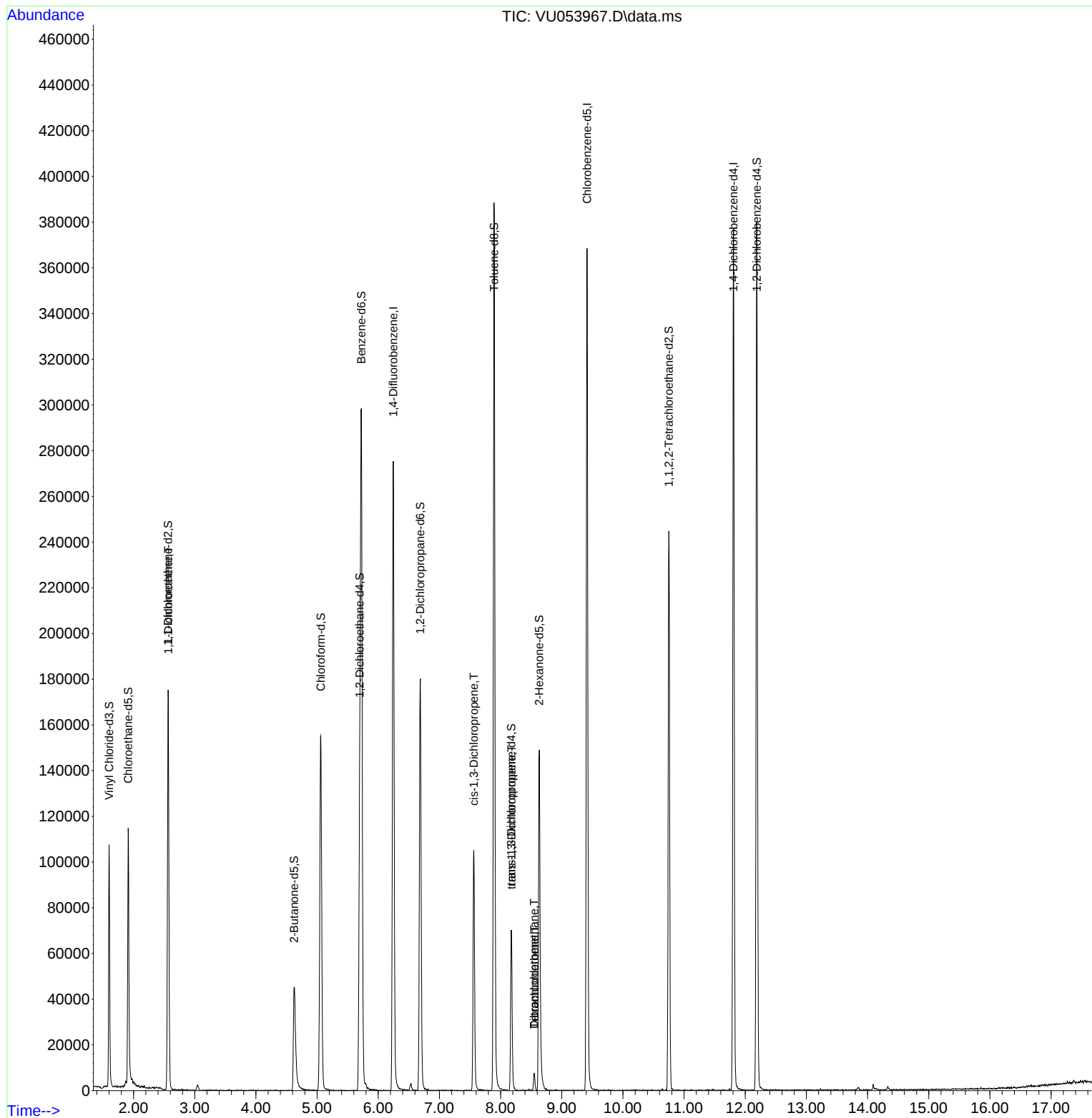
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	246667	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228636	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	104999	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79470	41.376	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.760%
7) Chloroethane-d5	1.912	69	81329	54.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.840%
11) 1,1-Dichloroethene-d2	2.565	63	96205	32.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.720%
21) 2-Butanone-d5	4.626	46	67067	77.123	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.120%
24) Chloroform-d	5.060	84	145313	45.746	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.500%
26) 1,2-Dichloroethane-d4	5.697	65	87604	46.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.340%
32) Benzene-d6	5.722	84	292868	47.455	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.900%
36) 1,2-Dichloropropane-d6	6.687	67	89246	47.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.620%
41) Toluene-d8	7.893	98	273627	44.609	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.220%
43) trans-1,3-Dichloroprop...	8.176	79	42349	43.492	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.980%
47) 2-Hexanone-d5	8.632	63	54577	84.775	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.770%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	121708	45.777	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.560%
66) 1,2-Dichlorobenzene-d4	12.188	152	104559	47.707	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.420%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.568	96	924	0.610	ug/L #	1
39) cis-1,3-Dichloropropene	7.562	75	2778	1.124	ug/L #	74
44) trans-1,3-Dichloropropene	8.179	75	1920	0.822	ug/L	100
46) Tetrachloroethene	8.552	164	1687	1.128	ug/L	94
49) Dibromochloromethane	8.549	129	1912	1.107	ug/L #	11

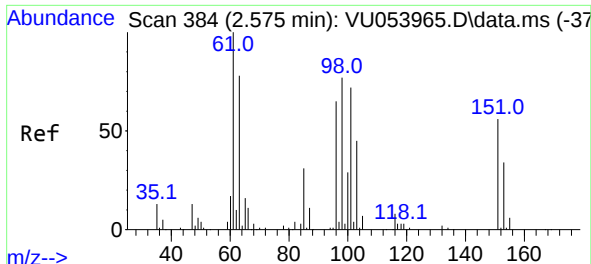
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.610 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.007 min

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MSVOA_U

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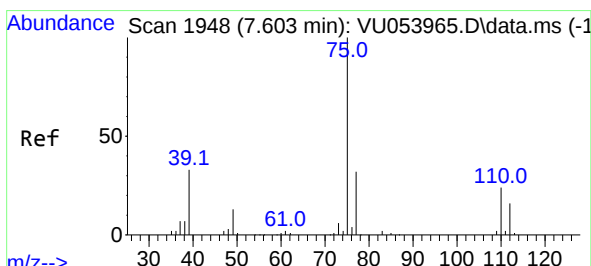
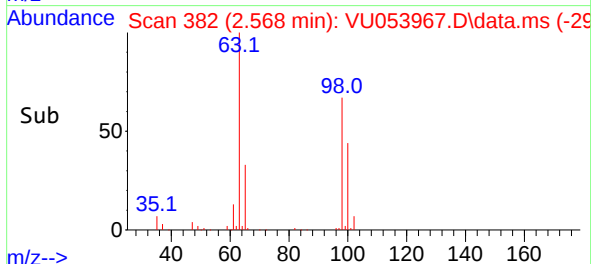
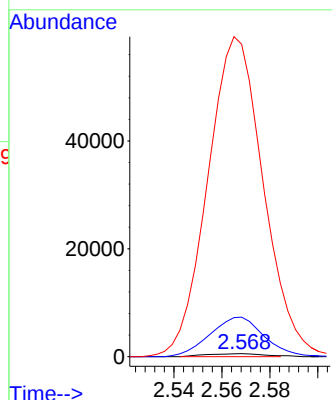
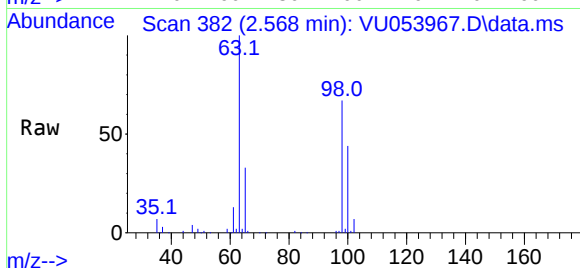
Tgt Ion: 96 Resp: 924

Ion Ratio Lower Upper

96 100

61 1326.9 107.9 200.5#

63 10473.8 79.1 146.9#



#39

cis-1,3-Dichloropropene

Concen: 1.124 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.039 min

Lab File: VU053967.D

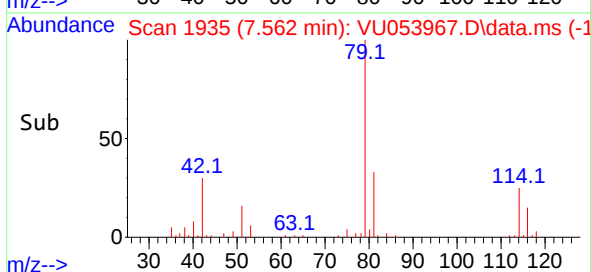
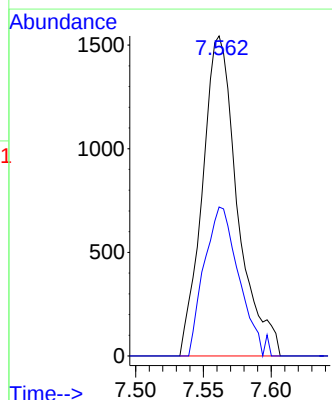
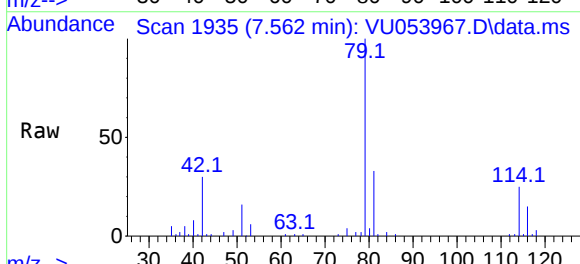
Acq: 28 Apr 2023 13:44

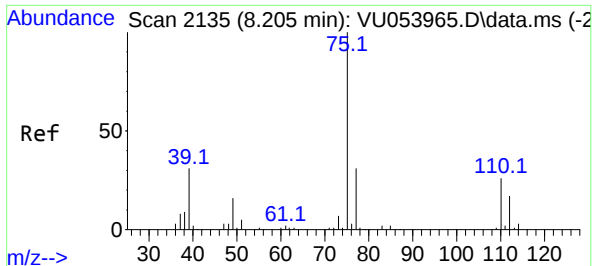
Tgt Ion: 75 Resp: 2778

Ion Ratio Lower Upper

75 100

77 46.6 22.5 41.7#

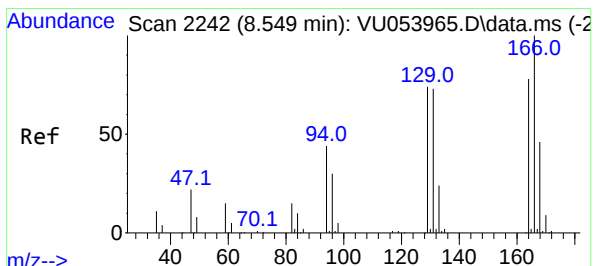
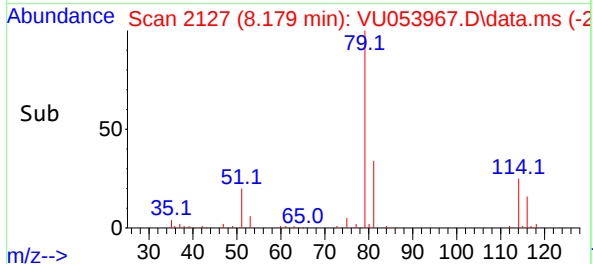
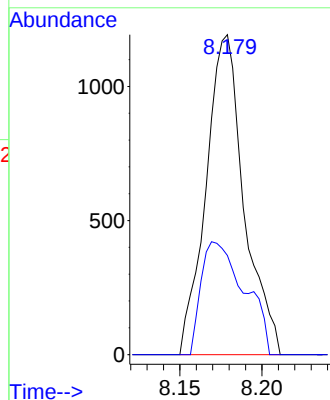
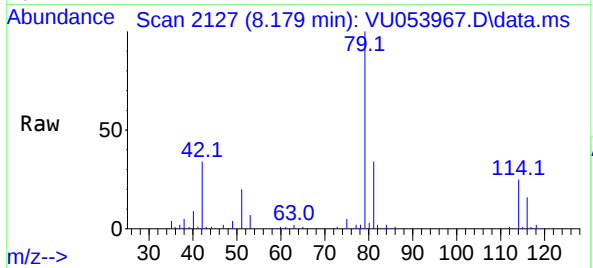




#44
trans-1,3-Dichloropropene
Concen: 0.822 ug/L
RT: 8.179 min Scan# 2135
Delta R.T. -0.026 min
Lab File: VU053967.D
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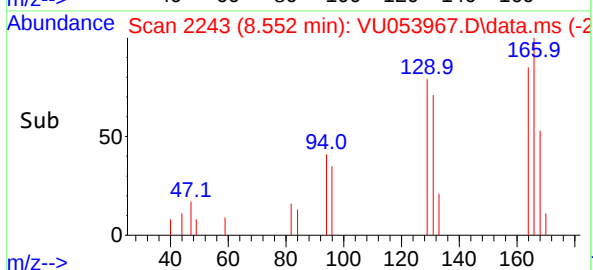
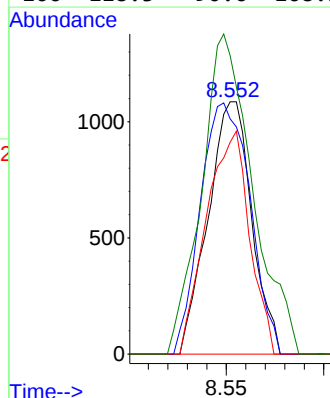
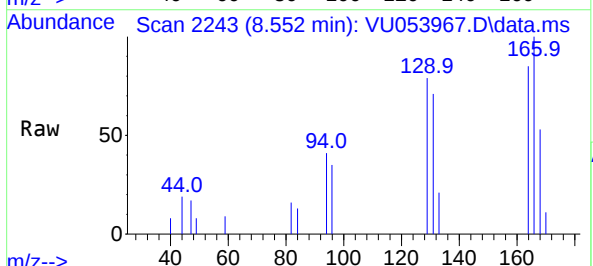
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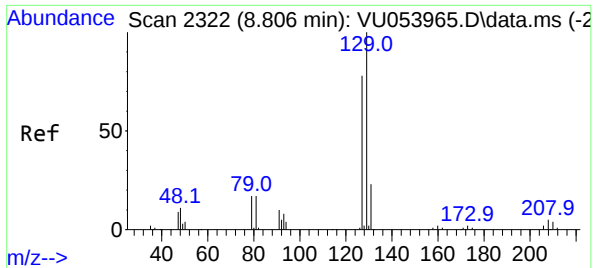
Tgt Ion: 75 Resp: 1920
Ion Ratio Lower Upper
75 100
77 31.0 21.8 40.4



#46
Tetrachloroethene
Concen: 1.128 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU053967.D
Acq: 28 Apr 2023 13:44

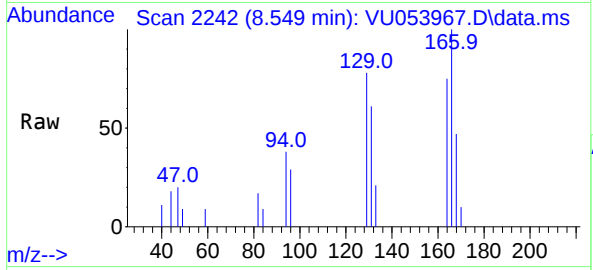
Tgt Ion: 164 Resp: 1687
Ion Ratio Lower Upper
164 100
129 93.3 64.0 119.0
131 84.0 61.9 115.1
166 118.3 90.6 168.2





#49
Dibromochloromethane
Concen: 1.107 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.258 min
Lab File: VU053967.D
Acq: 28 Apr 2023 13:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 1912
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#

