

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048532.D
 Acq On : 12 May 2022 11:25
 Operator : SY/MD
 Sample : VU0512WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 03:57:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 13 03:54:05 2022
 Response via : Initial Calibration

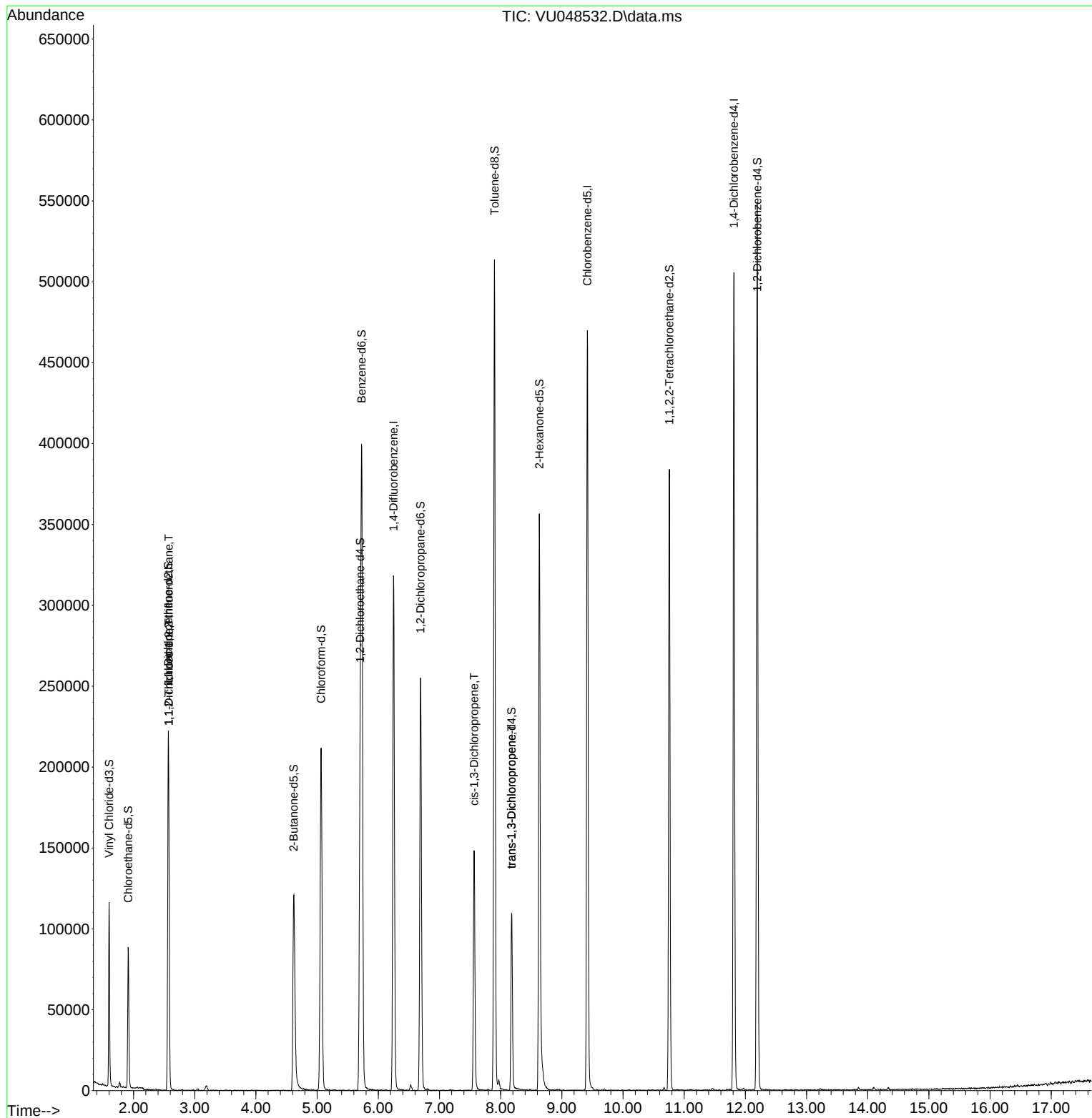
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	253935	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	262339	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	136340	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	78800	36.032	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.060%
7) Chloroethane-d5	1.912	69	61740	43.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.520%
11) 1,1-Dichloroethene-d2	2.568	63	131941	33.899	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.800%
21) 2-Butanone-d5	4.617	46	169320	90.911	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.910%
24) Chloroform-d	5.063	84	200874	52.882	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.760%
26) 1,2-Dichloroethane-d4	5.703	65	148462	60.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.260%
32) Benzene-d6	5.729	84	367767	46.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.260%
36) 1,2-Dichloropropane-d6	6.690	67	114841	44.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.360%
41) Toluene-d8	7.899	98	335190	47.541	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.080%
43) trans-1,3-Dichloroprop...	8.179	79	64463	53.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.760%
47) 2-Hexanone-d5	8.632	63	121528	96.585	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.590%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	180804	45.659	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	144198	53.412	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.820%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1400	0.744	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	833	0.468	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	4070	1.135	ug/L	86
44) trans-1,3-Dichloropropene	8.179	75	2931	0.841	ug/L	85

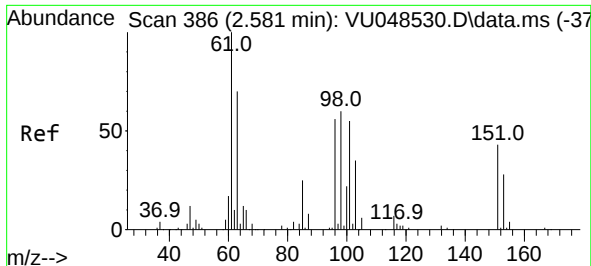
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 13 03:57:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 13 03:54:05 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.744 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.006 min

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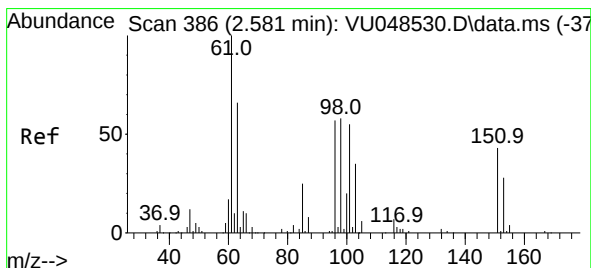
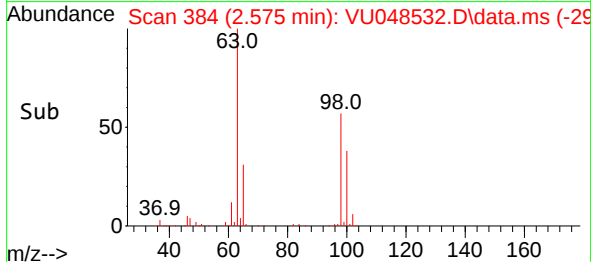
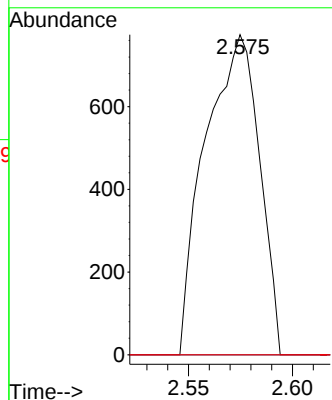
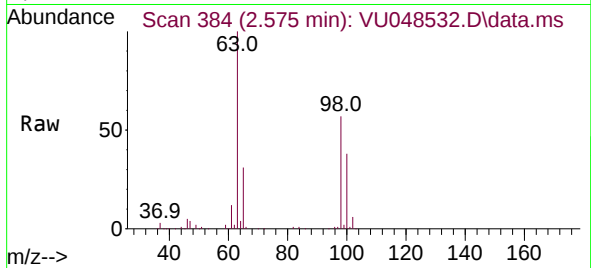
Acq: 12 May 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	1400
Ion Ratio	Lower	Upper	
101	100		
85	0.0	34.8	52.2#
151	0.0	60.7	91.1#



#12

1,1-Dichloroethene

Concen: 0.468 ug/L

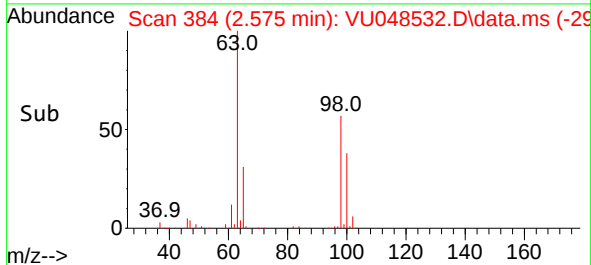
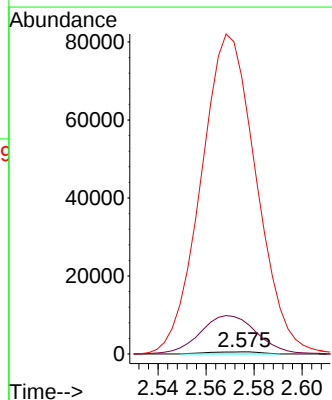
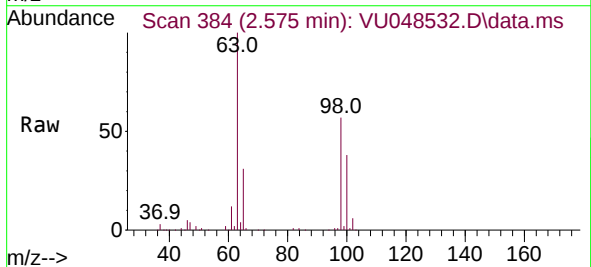
RT: 2.575 min Scan# 384

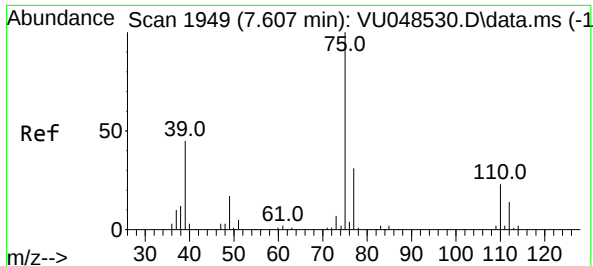
Delta R.T. -0.006 min

Lab File: VU048532.D

Acq: 12 May 2022 11:25

Tgt Ion:	96	Resp:	833
Ion Ratio	Lower	Upper	
96	100		
61	1643.4	124.5	231.3#
63	13252.9	92.5	171.9#





#39

cis-1,3-Dichloropropene

Concen: 1.135 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

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Instrument :

MSVOA_U

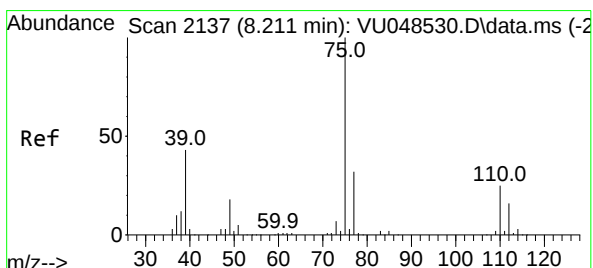
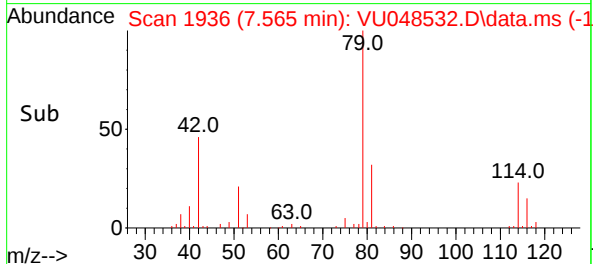
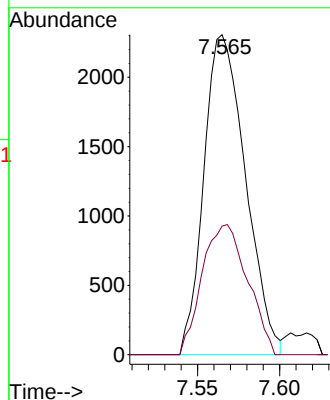
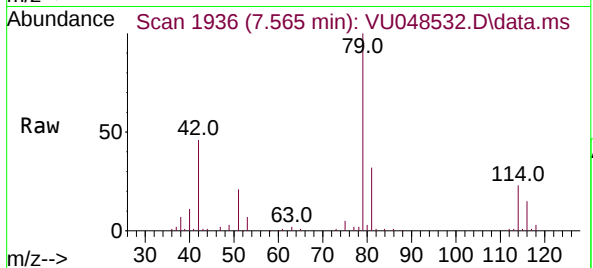
ClientSampleId :

Tgt Ion: 75 Resp: 4070

Ion Ratio Lower Upper

75 100

77 40.2 22.5 41.9



#44

trans-1,3-Dichloropropene

Concen: 0.841 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048532.D

Acq: 12 May 2022 11:25

Tgt Ion: 75 Resp: 2931

Ion Ratio Lower Upper

75 100

77 40.8 22.6 42.0

