

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053512.D
 Acq On : 03 Apr 2023 12:06
 Operator : JC/MD
 Sample : VU0403WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK064

Quant Time: Apr 04 05:16:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

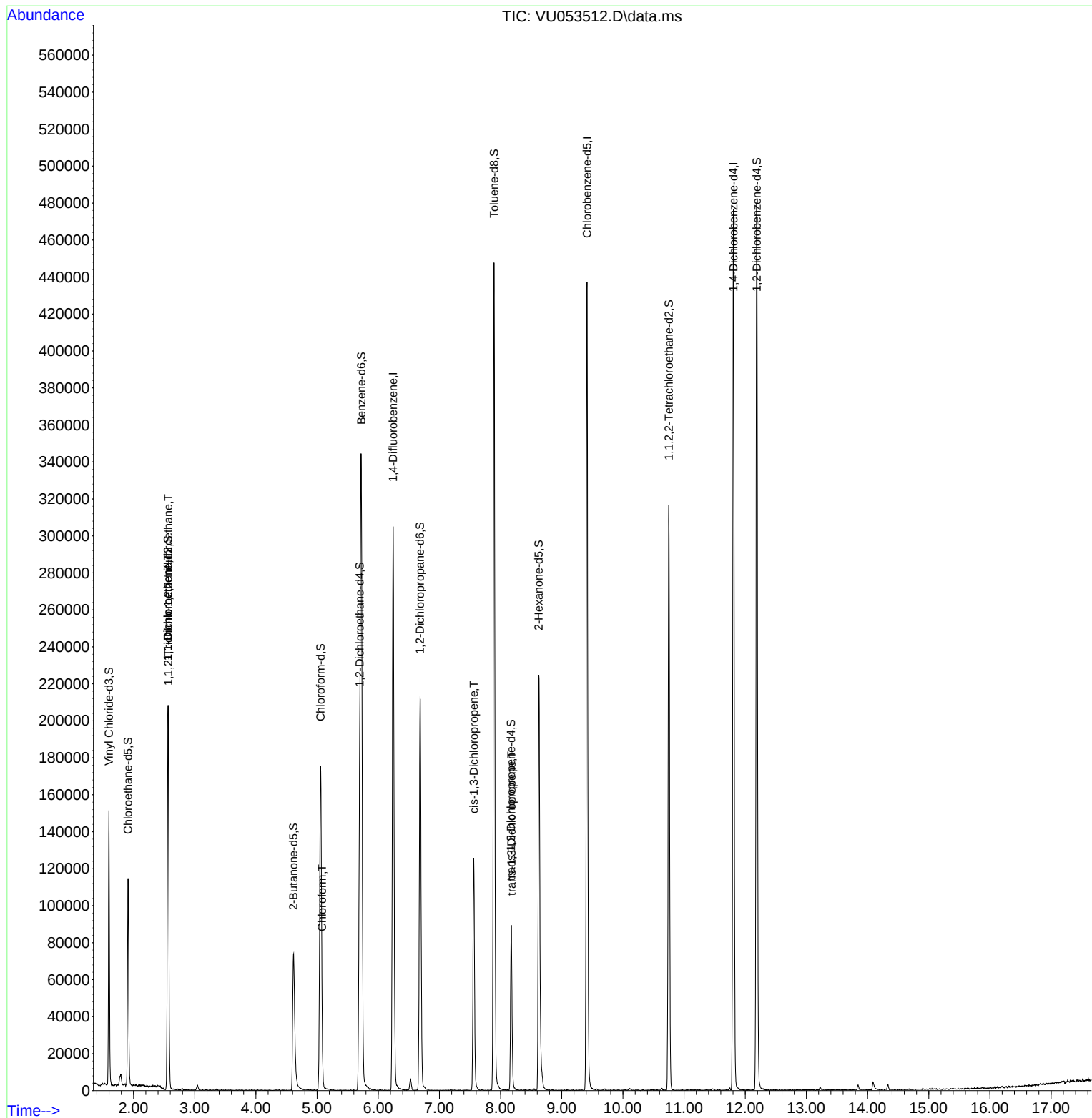
Internal Standards							
1) 1,4-Difluorobenzene		6.243	114	262878	50.000	ug/L	0.00
28) Chlorobenzene-d5		9.414	117	254612	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.809	152	131881	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	102632	50.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.280%		
7) Chloroethane-d5		1.909	69	83395	52.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 105.680%		
11) 1,1-Dichloroethene-d2		2.565	63	121167	38.240	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 76.480%		
21) 2-Butanone-d5		4.613	46	105945	114.318	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 114.320%		
24) Chloroform-d		5.057	84	160607	47.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 94.880%		
26) 1,2-Dichloroethane-d4		5.697	65	103224	51.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.200%		
32) Benzene-d6		5.723	84	333958	48.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.180%		
36) 1,2-Dichloropropane-d6		6.684	67	104549	49.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 99.540%		
41) Toluene-d8		7.893	98	313974	45.964	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 91.920%		
43) trans-1,3-Dichloroprop...		8.173	79	51794	47.765	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 95.540%		
47) 2-Hexanone-d5		8.626	63	83370	116.288	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 116.290%		
56) 1,1,2,2-Tetrachloroeth...		10.751	84	155374	52.478	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 104.960%		
66) 1,2-Dichlorobenzene-d4		12.188	152	129885	47.182	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 94.360%		
Target Compounds							
10) 1,1,2-Trichloro-1,2,2-...		2.568	101	1376	0.760	ug/L #	17
12) 1,1-Dichloroethene		2.565	96	1075	0.666	ug/L #	1
25) Chloroform		5.079	83	2331	0.757	ug/L #	70
39) cis-1,3-Dichloropropene		7.562	75	3243	1.178	ug/L #	48
44) trans-1,3-Dichloropropene		8.179	75	2301	0.884	ug/L	97

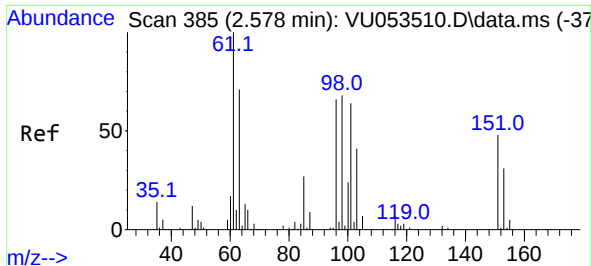
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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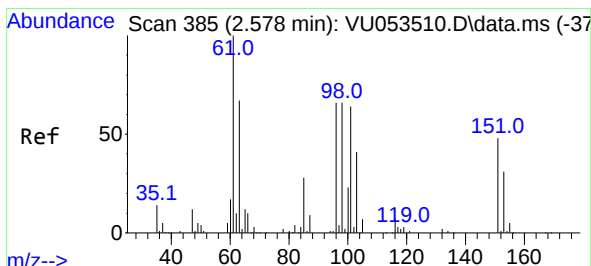
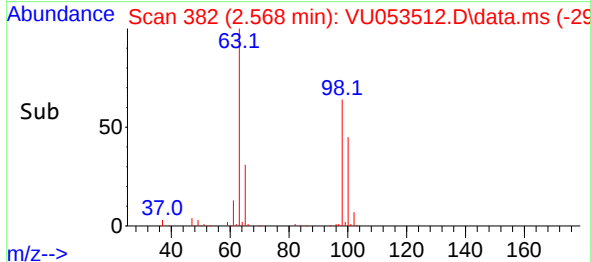
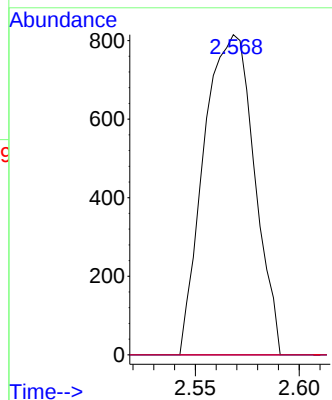
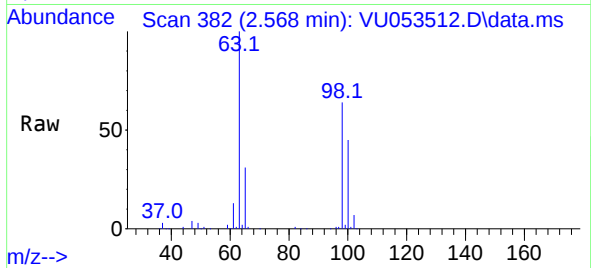




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.760 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU053512.D
Acq: 03 Apr 2023 12:06

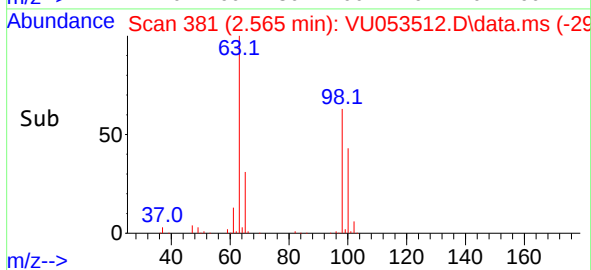
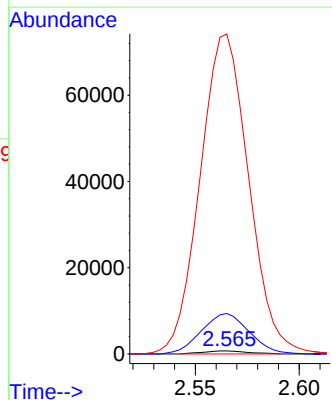
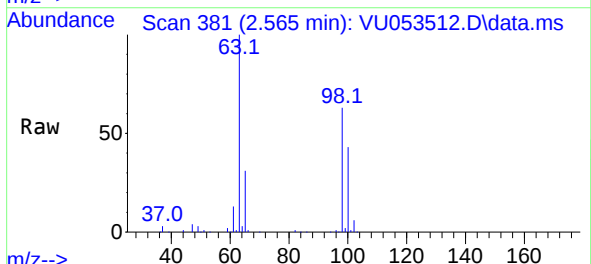
Instrument :
MSVOA_U
ClientSampleId :
VBLK064

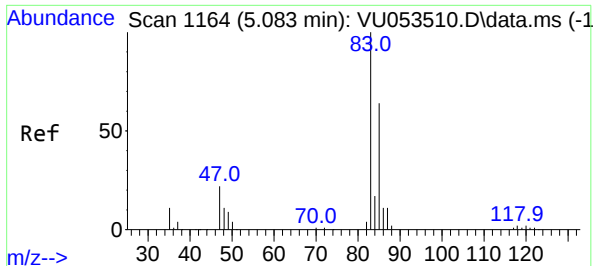
Tgt Ion:101 Resp: 1376
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 65.8 98.6#



#12
1,1-Dichloroethene
Concen: 0.666 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU053512.D
Acq: 03 Apr 2023 12:06

Tgt Ion: 96 Resp: 1075
Ion Ratio Lower Upper
96 100
61 1328.7 107.9 200.5#
63 10495.0 79.1 146.9#





#25

Chloroform

Concen: 0.757 ug/L

RT: 5.079 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VU053512.D

Acq: 03 Apr 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

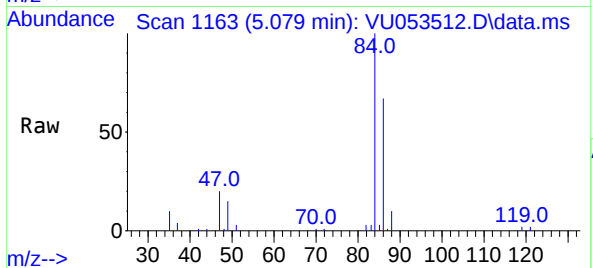
VBLK064

Tgt Ion: 83 Resp: 2331

Ion Ratio Lower Upper

83 100

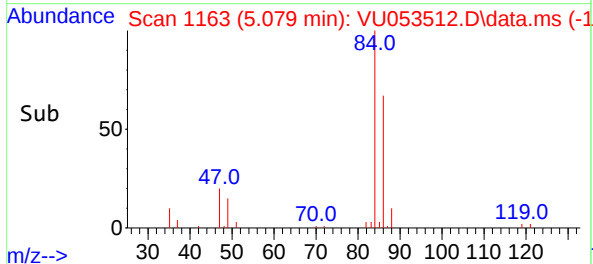
85 89.6 46.1 85.5#



Abundance

1000
800
600
400
200
0

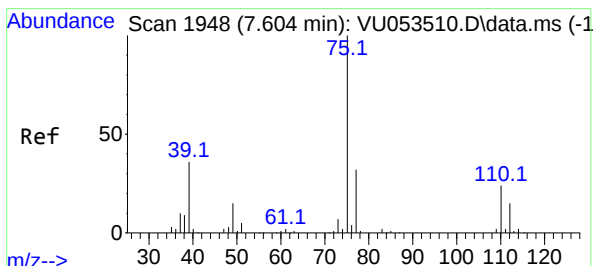
Time-->



Abundance

1000
800
600
400
200
0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.178 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.039 min

Lab File: VU053512.D

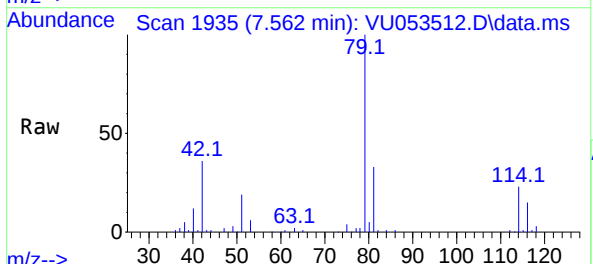
Acq: 03 Apr 2023 12:06

Tgt Ion: 75 Resp: 3243

Ion Ratio Lower Upper

75 100

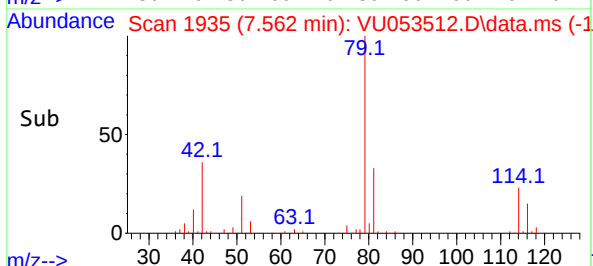
77 61.1 22.5 41.7#



Abundance

1500
1000
500
0

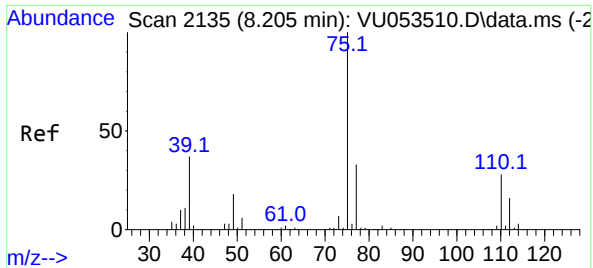
Time-->



Abundance

1500
1000
500
0

Time-->



#44
 trans-1,3-Dichloropropene
 Concen: 0.884 ug/L
 RT: 8.179 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: VU053512.D
 Acq: 03 Apr 2023 12:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK064

Tgt Ion:	75	Resp:	2301
Ion	Ratio	Lower	Upper
75	100		
77	32.5	21.8	40.4

