

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051322\
 Data File : VU048559.D
 Acq On : 13 May 2022 12:47
 Operator : SY/MD
 Sample : N2801-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: May 14 04:16:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 14 04:14:40 2022
 Response via : Initial Calibration

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

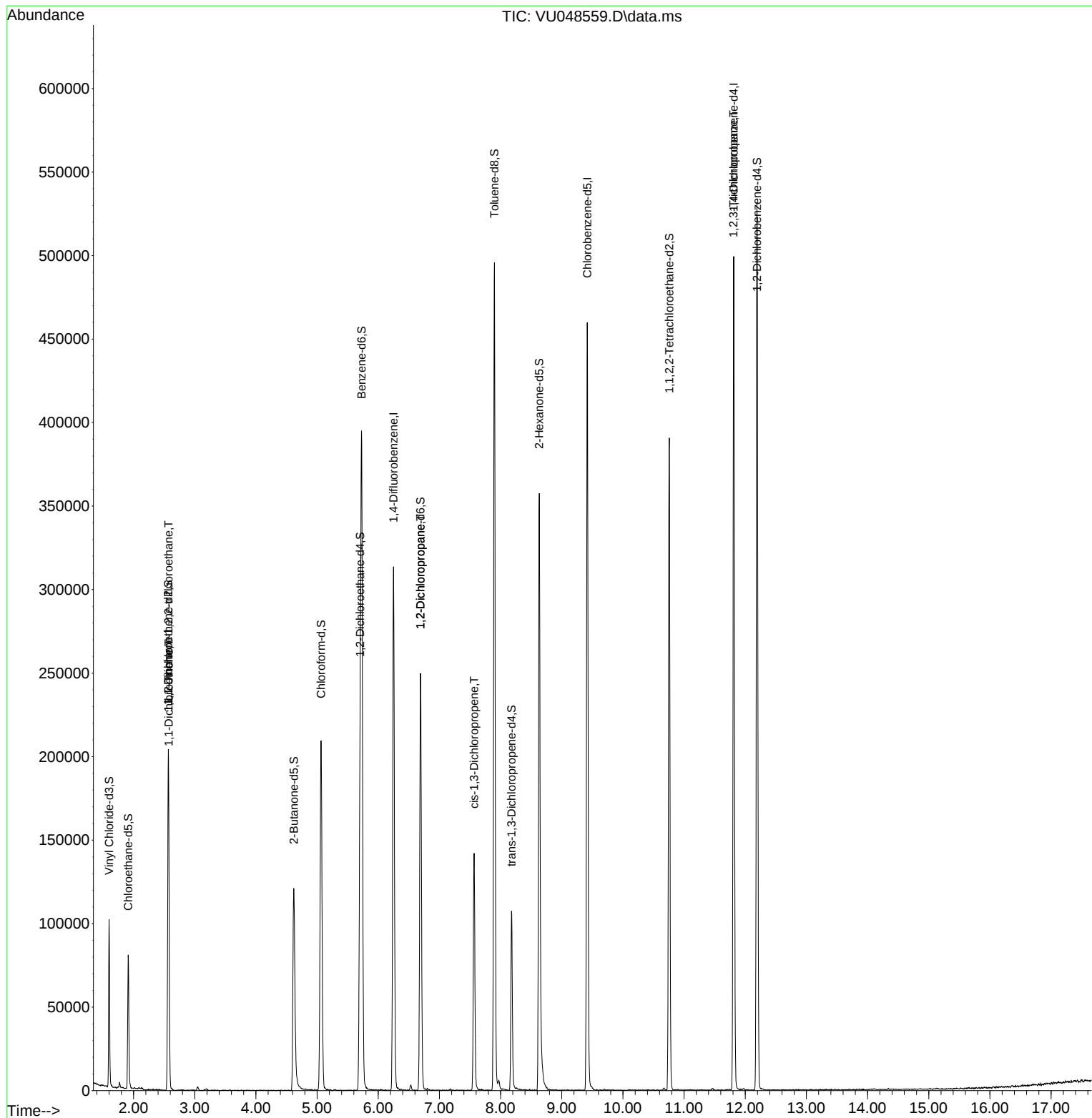
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	253681	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	256941	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	135955	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	70744	32.381	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.760%		
7) Chloroethane-d5	1.912	69	57046	40.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.020%		
11) 1,1-Dichloroethene-d2	2.568	63	121257	31.185	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.380%		
21) 2-Butanone-d5	4.620	46	170925	91.865	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.860%		
24) Chloroform-d	5.067	84	196445	51.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.540%		
26) 1,2-Dichloroethane-d4	5.703	65	144486	58.574	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	117.140%		
32) Benzene-d6	5.729	84	358886	45.964	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.920%		
36) 1,2-Dichloropropane-d6	6.690	67	112033	44.001	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.000%		
41) Toluene-d8	7.899	98	323942	46.911	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.820%		
43) trans-1,3-Dichloroprop...	8.179	79	62035	52.935	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	105.880%		
47) 2-Hexanone-d5	8.632	63	121410	98.519	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.520%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	183168	47.228	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.460%		
66) 1,2-Dichlorobenzene-d4	12.192	152	143368	53.255	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.500%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1012	0.538	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	794	0.447	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	13476	5.458	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3839	1.093	ug/L #	72
60) 1,2,3-Trichloropropane	11.809	75	13691	3.858	ug/L #	67

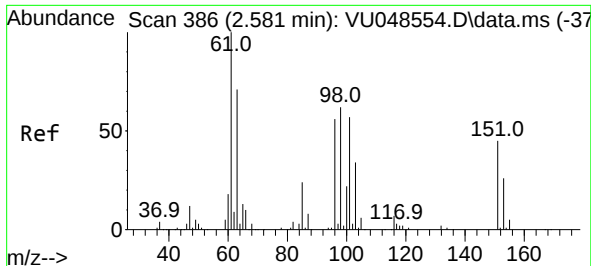
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.538 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.010 min

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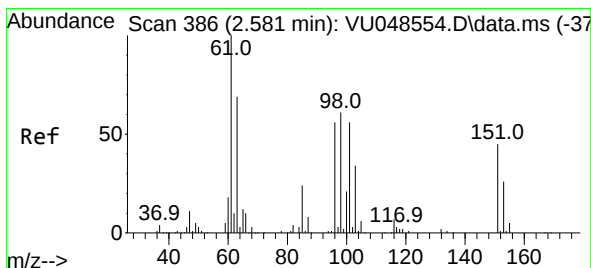
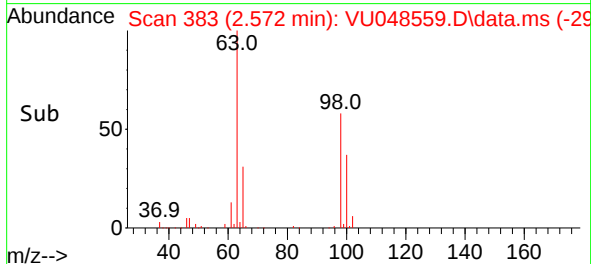
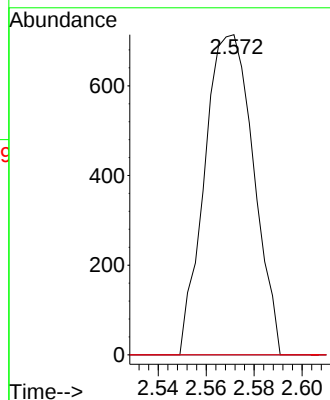
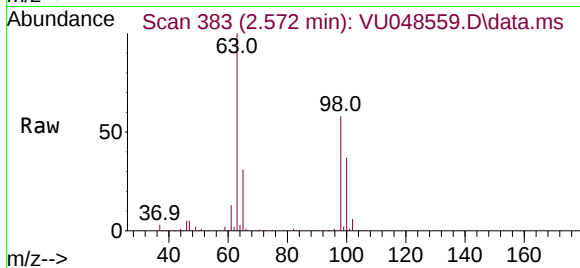
Tgt Ion:101 Resp: 1012

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: 0.447 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.006 min

Lab File: VU048559.D

Acq: 13 May 2022 12:47

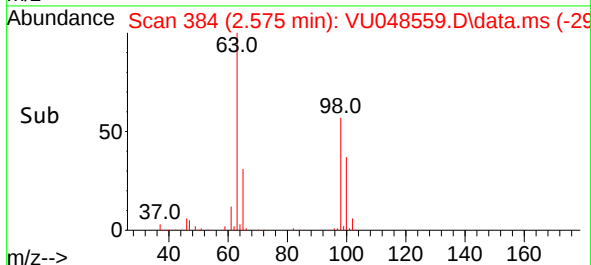
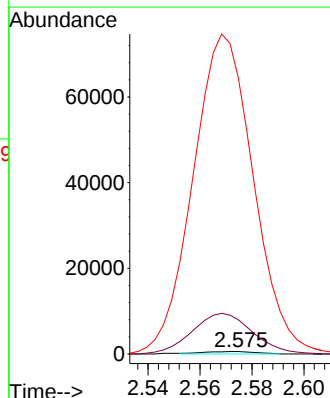
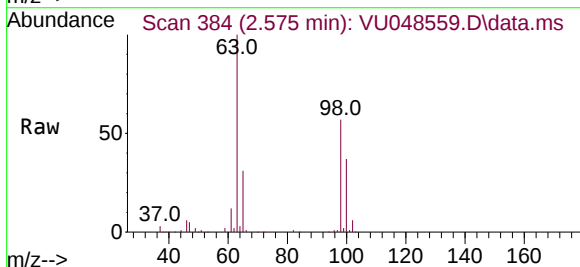
Tgt Ion: 96 Resp: 794

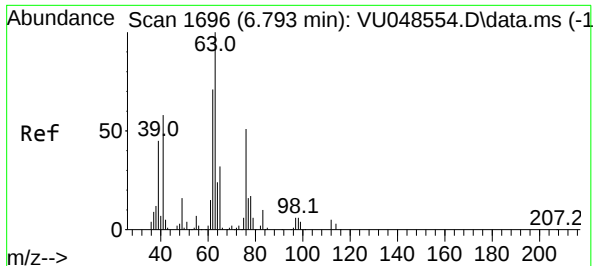
Ion Ratio Lower Upper

96 100

61 1387.1 124.5 231.3#

63 11234.9 92.5 171.9#





#37

1,2-Dichloropropane

Concen: 5.458 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048559.D

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Instrument :

MSVOA_U

ClientSampleId :

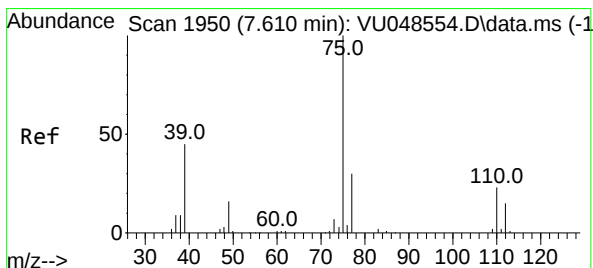
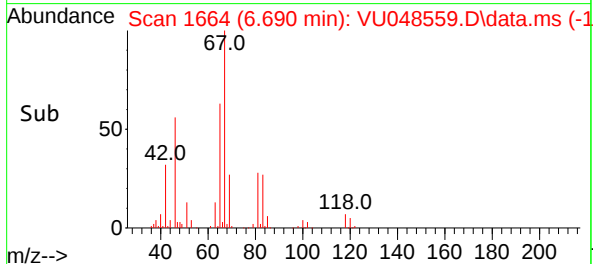
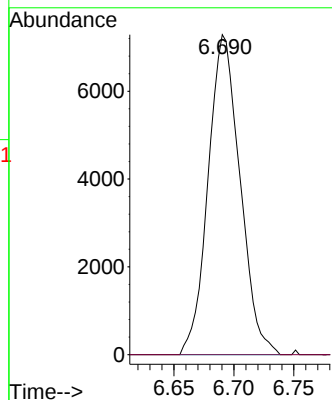
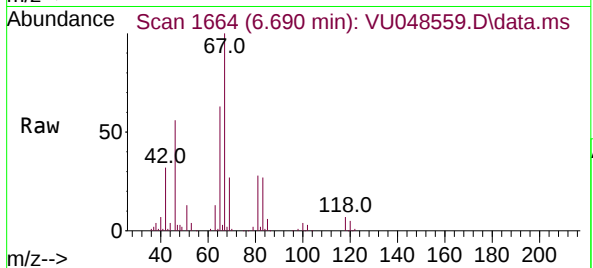
VHBLK001

Tgt Ion: 63 Resp: 13476

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 1.093 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048559.D

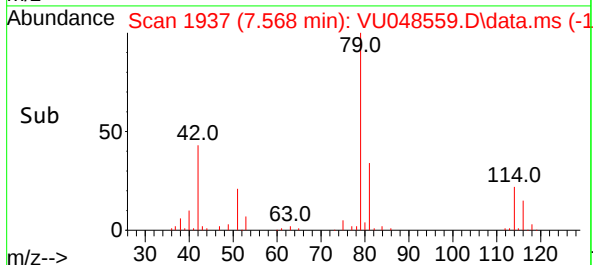
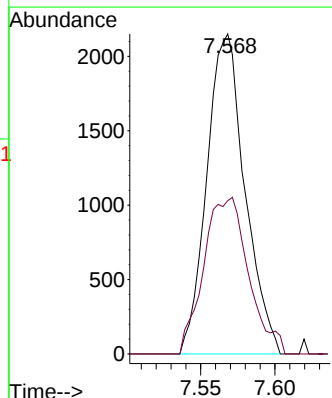
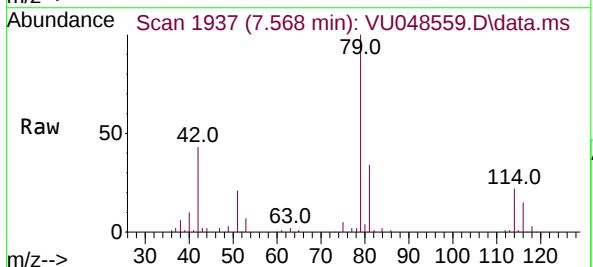
Acq: 13 May 2022 12:47

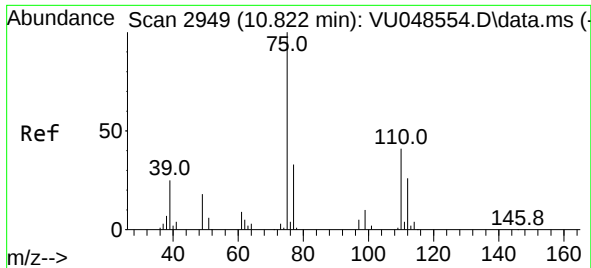
Tgt Ion: 75 Resp: 3839

Ion Ratio Lower Upper

75 100

77 47.9 22.5 41.9#





#60
 1,2,3-Trichloropropane
 Concen: 3.858 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048559.D
 Acq: 13 May 2022 12:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 13691
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.5 38.3
 110 3.4 28.9 43.3#

