

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040723\
 Data File : VU053599.D
 Acq On : 07 Apr 2023 17:05
 Operator : JC/MD
 Sample : 02251-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CMD4

Quant Time: Apr 08 00:02:12 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)

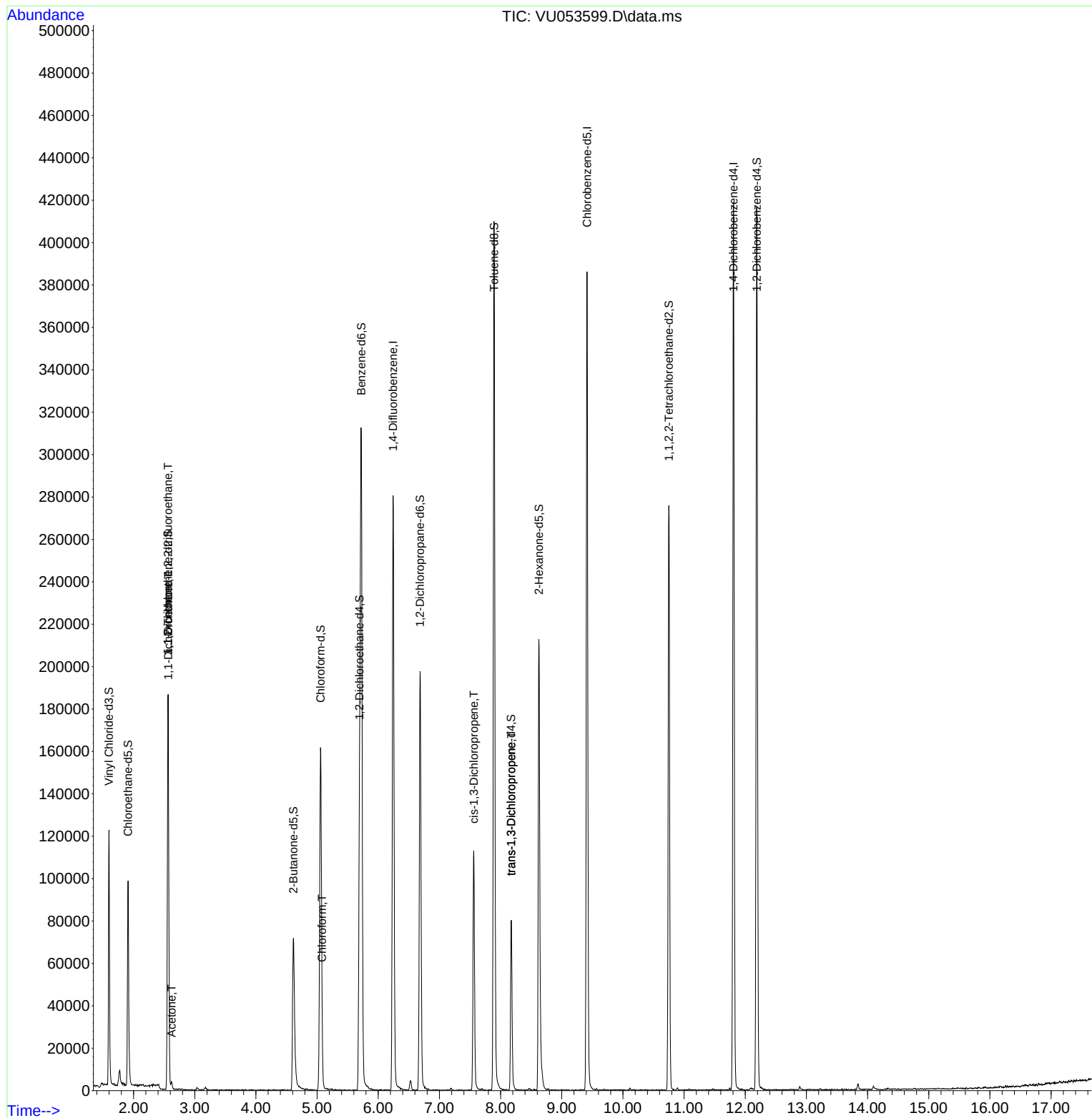
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	239517	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227636	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113783	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89998	48.256	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.520%		
7) Chloroethane-d5	1.909	69	74299	51.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.340%		
11) 1,1-Dichloroethene-d2	2.562	63	105708	36.615	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.240%		
21) 2-Butanone-d5	4.613	46	99311	117.611	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.610%		
24) Chloroform-d	5.057	84	147999	47.983	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.960%		
26) 1,2-Dichloroethane-d4	5.694	65	96116	52.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.480%		
32) Benzene-d6	5.723	84	305577	49.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.460%		
36) 1,2-Dichloropropane-d6	6.684	67	96226	51.236	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.480%		
41) Toluene-d8	7.893	98	285962	46.824	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.640%		
43) trans-1,3-Dichloroprop...	8.173	79	47266	48.755	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.520%		
47) 2-Hexanone-d5	8.626	63	75483	117.763	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	117.760%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	135492	51.185	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.380%		
66) 1,2-Dichlorobenzene-d4	12.188	152	112318	47.291	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.580%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1205	0.731	ug/L #	17
12) 1,1-Dichloroethene	2.568	96	856	0.582	ug/L #	1
13) Acetone	2.620	43	3312	4.364	ug/L	94
25) Chloroform	5.083	83	1848	0.659	ug/L	92
39) cis-1,3-Dichloropropene	7.565	75	3199	1.300	ug/L #	81
44) trans-1,3-Dichloropropene	8.176	75	2331	1.002	ug/L	98

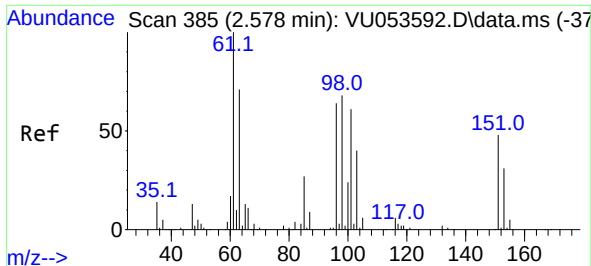
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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COMD4

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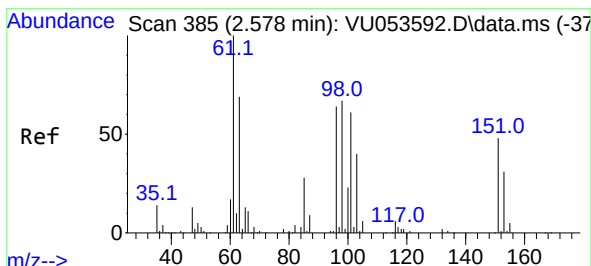
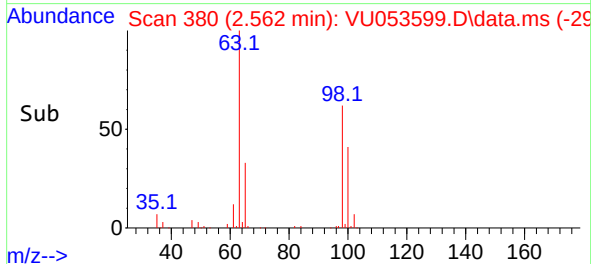
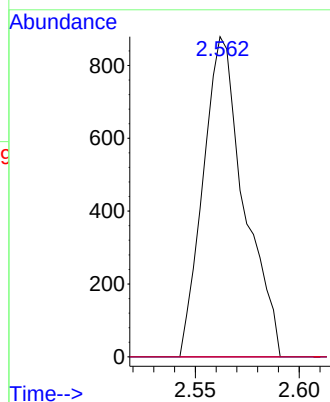
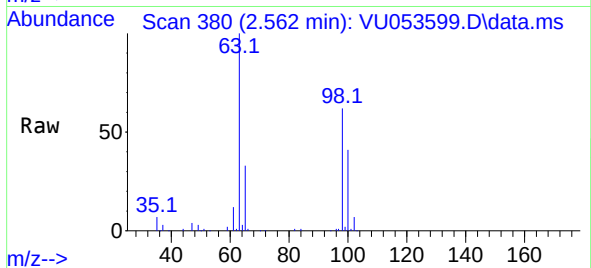




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.731 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU053599.D
Acq: 07 Apr 2023 17:05

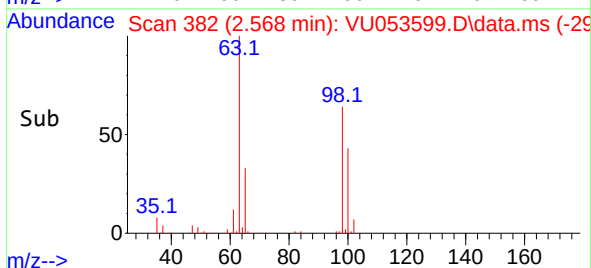
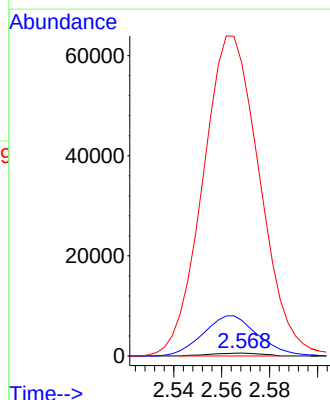
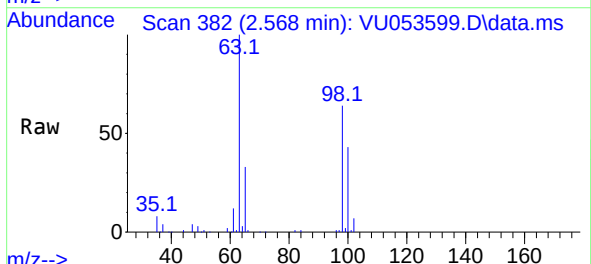
Instrument :
MSVOA_U
ClientSampleId :
COMD4

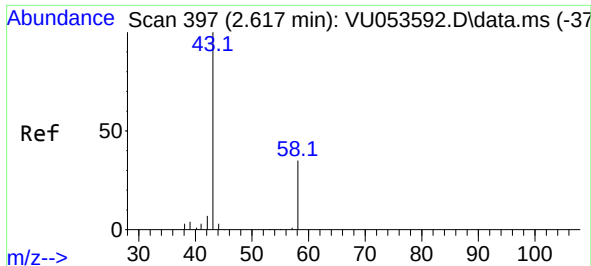
Tgt Ion:101 Resp: 1205
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 65.8 98.6#



#12
1,1-Dichloroethene
Concen: 0.582 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU053599.D
Acq: 07 Apr 2023 17:05

Tgt Ion: 96 Resp: 856
Ion Ratio Lower Upper
96 100
61 1254.9 107.9 200.5#
63 10319.7 79.1 146.9#





#13

Acetone

Concen: 4.364 ug/L

RT: 2.620 min Scan# 397

Delta R.T. 0.000 min

Lab File: VU053599.D

Acq: 07 Apr 2023 17:05

Instrument :

MSVOA_U

ClientSampleId :

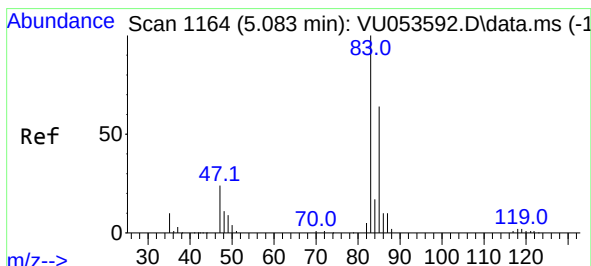
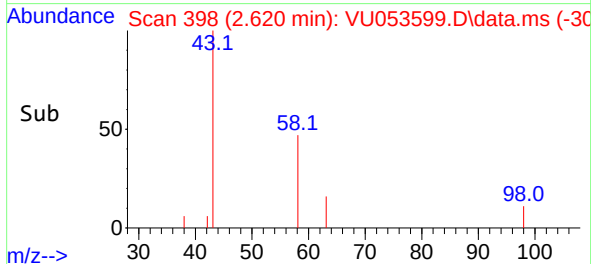
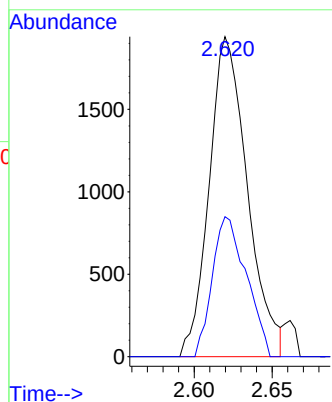
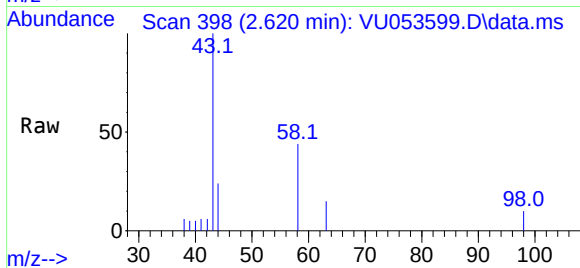
COMD4

Tgt Ion: 43 Resp: 3312

Ion Ratio Lower Upper

43 100

58 38.9 0.0 70.2



#25

Chloroform

Concen: 0.659 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU053599.D

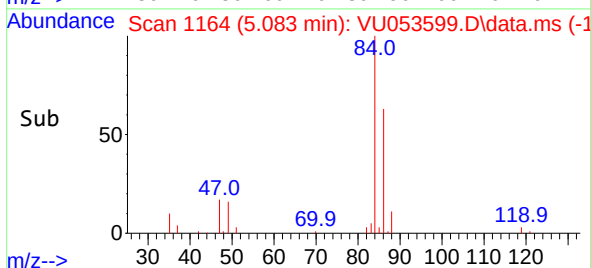
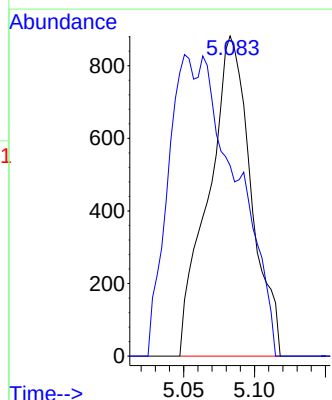
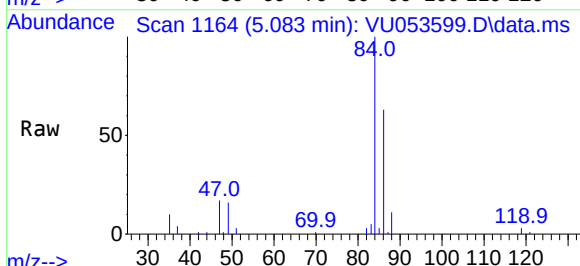
Acq: 07 Apr 2023 17:05

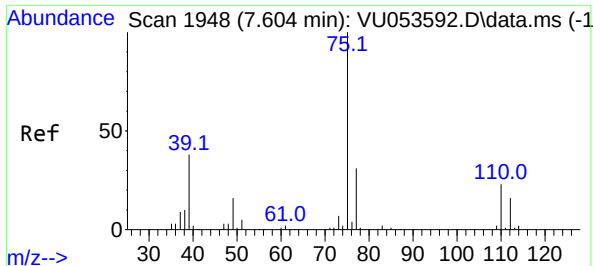
Tgt Ion: 83 Resp: 1848

Ion Ratio Lower Upper

83 100

85 59.5 46.1 85.5

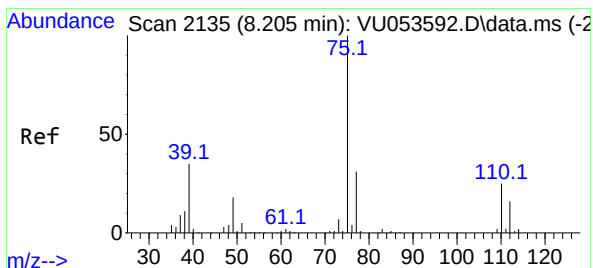
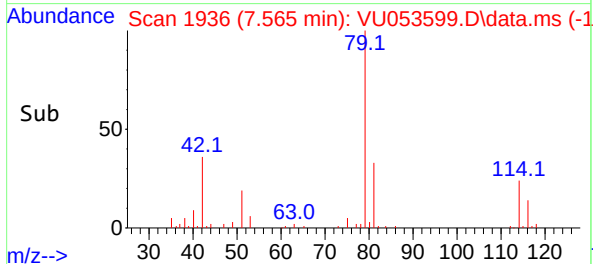
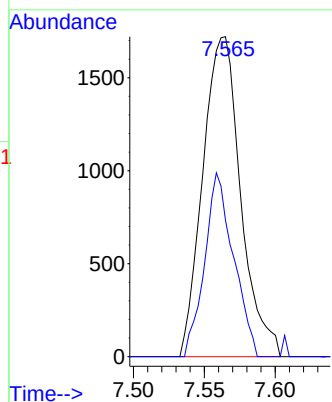
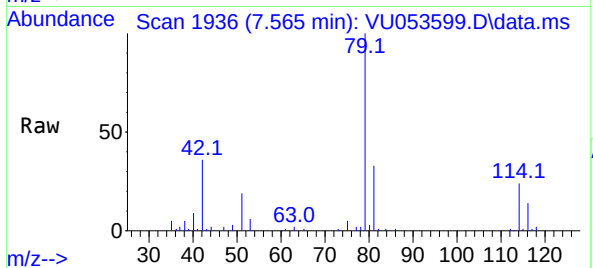




#39
cis-1,3-Dichloropropene
Concen: 1.300 ug/L
RT: 7.565 min Scan# 1948
Delta R.T. -0.035 min
Lab File: VU053599.D
Acq: 07 Apr 2023 17:05

Instrument :
MSVOA_U
ClientSampleId :
COMD4

Tgt Ion: 75 Resp: 3199
Ion Ratio Lower Upper
75 100
77 42.6 22.5 41.7#



#44
trans-1,3-Dichloropropene
Concen: 1.002 ug/L
RT: 8.176 min Scan# 2126
Delta R.T. -0.029 min
Lab File: VU053599.D
Acq: 07 Apr 2023 17:05

Tgt Ion: 75 Resp: 2331
Ion Ratio Lower Upper
75 100
77 29.8 21.8 40.4

