

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051722\
 Data File : VU048603.D
 Acq On : 17 May 2022 16:45
 Operator : SY/MD
 Sample : N2849-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 05:19:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 18 05:17:36 2022
 Response via : Initial Calibration

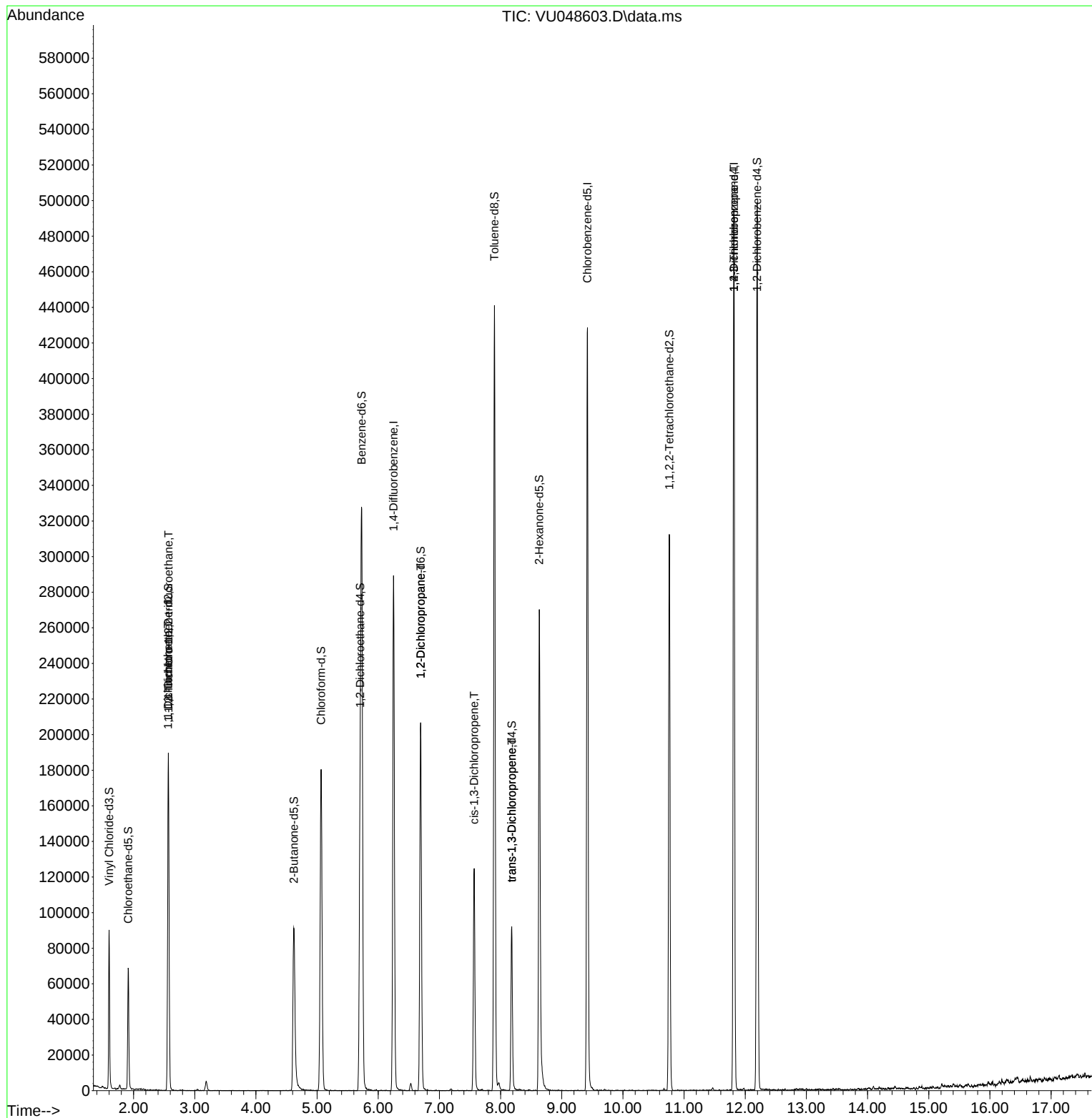
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

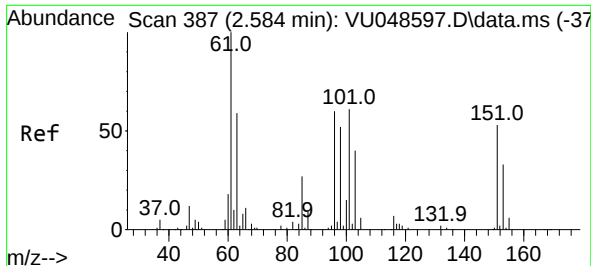
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	234789	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	239505	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	138218	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	61505	42.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.540%
7) Chloroethane-d5	1.912	69	48018	44.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.140%
11) 1,1-Dichloroethene-d2	2.568	63	109511	33.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.340%
21) 2-Butanone-d5	4.620	46	123043	89.911	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.910%
24) Chloroform-d	5.067	84	170049	46.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.580%
26) 1,2-Dichloroethane-d4	5.703	65	124531	48.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.140%
32) Benzene-d6	5.729	84	303751	45.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.140%
36) 1,2-Dichloropropane-d6	6.694	67	89195	45.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.160%
41) Toluene-d8	7.899	98	288615	46.033	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.060%
43) trans-1,3-Dichloroprop...	8.182	79	52948	42.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.620%
47) 2-Hexanone-d5	8.632	63	91002	84.799	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	142362	43.966	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.940%
66) 1,2-Dichlorobenzene-d4	12.195	152	135953	48.115	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.240%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	956	0.580	ug/L #	17
12) 1,1-Dichloroethene	2.565	96	871	0.570	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	11643	6.655	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	3303	1.106	ug/L #	70
44) trans-1,3-Dichloropropene	8.182	75	2493	0.791	ug/L	84
60) 1,2,3-Trichloropropane	11.816	75	12882	4.699	ug/L #	60

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

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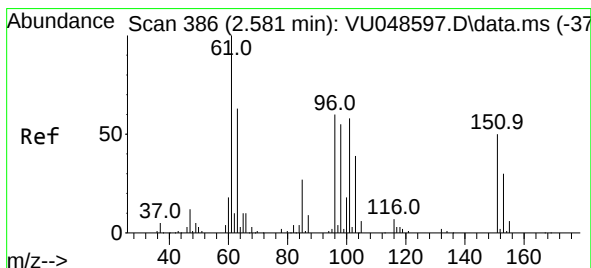
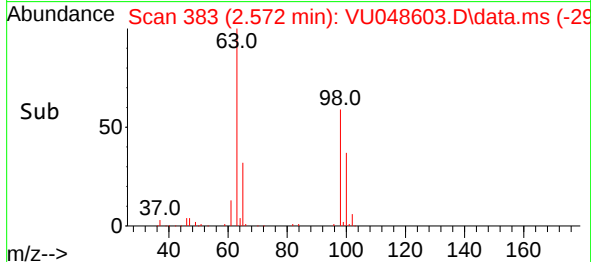
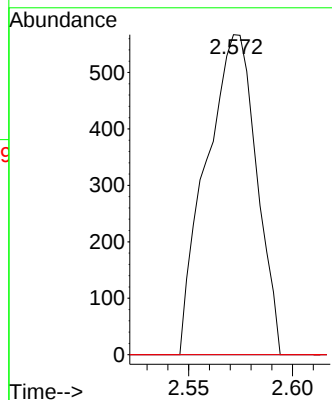
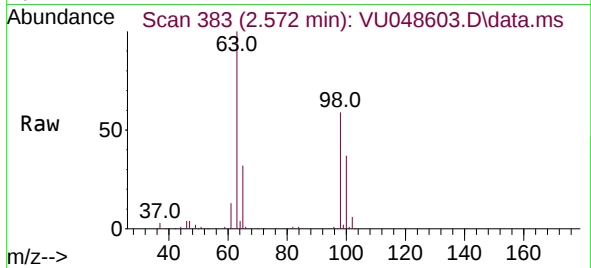
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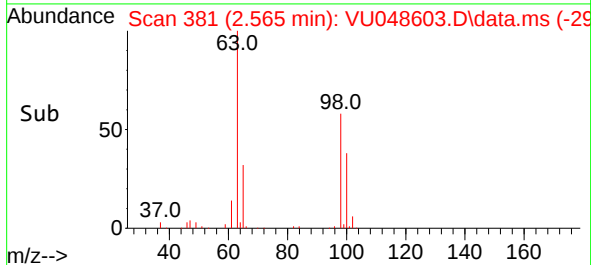
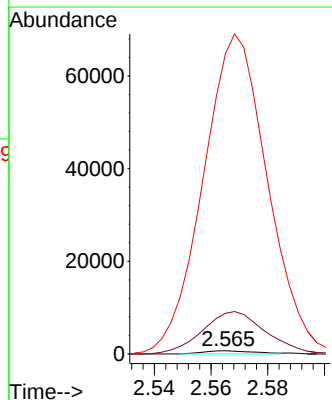
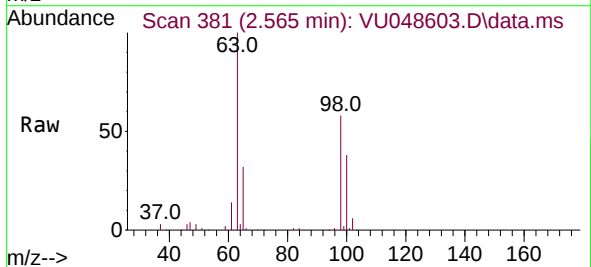
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.580 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU048603.D
Acq: 17 May 2022 16:45

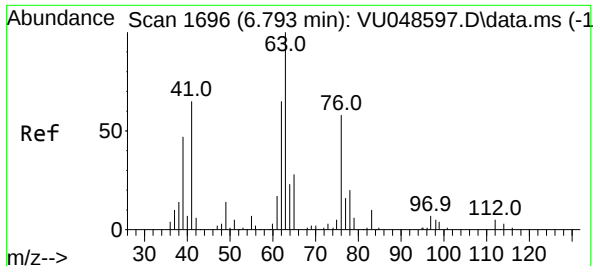
Tgt Ion:101 Resp: 956
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 0.0 64.4 96.6#



#12
1,1-Dichloroethene
Concen: 0.570 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU048603.D
Acq: 17 May 2022 16:45

Tgt Ion: 96 Resp: 871
Ion Ratio Lower Upper
96 100
61 1232.8 120.6 224.0#
63 9120.7 82.3 152.9#





#37

1,2-Dichloropropane

Concen: 6.655 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU048603.D

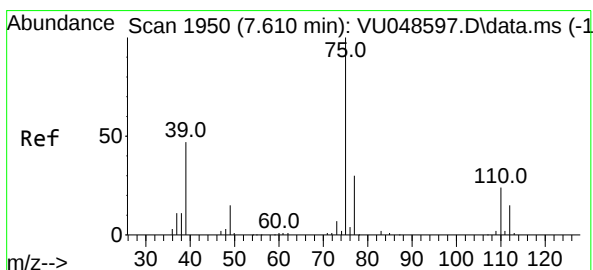
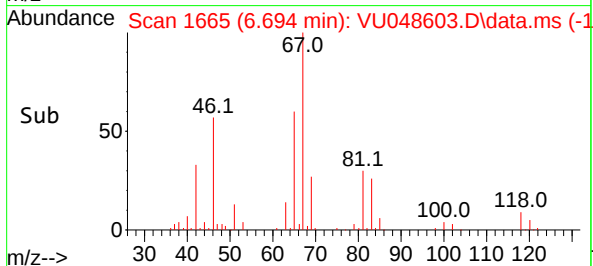
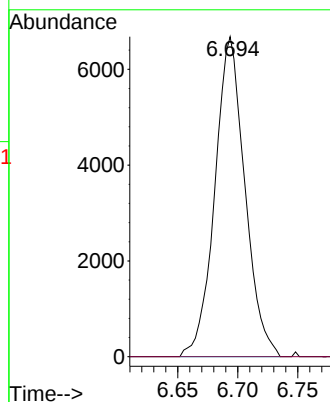
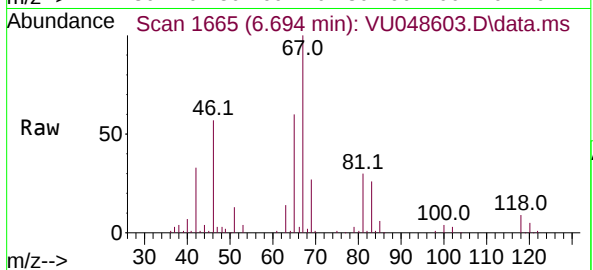
Acq: 17 May 2022 16:45

Tgt Ion: 63 Resp: 11643

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.106 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048603.D

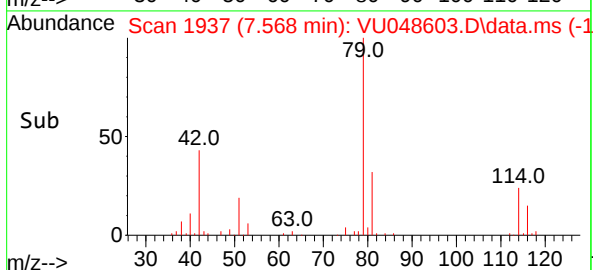
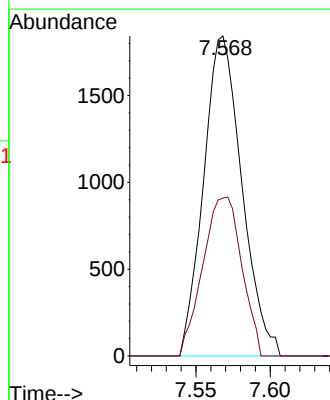
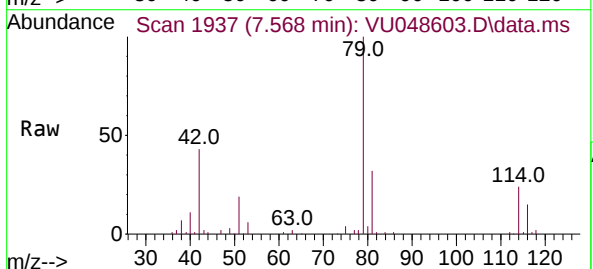
Acq: 17 May 2022 16:45

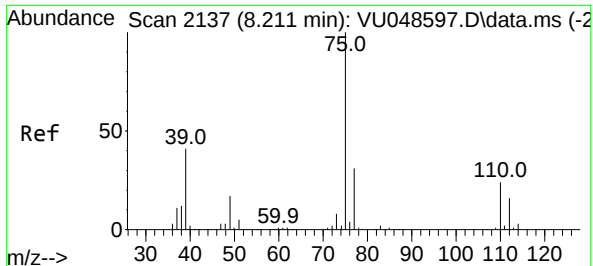
Tgt Ion: 75 Resp: 3303

Ion Ratio Lower Upper

75 100

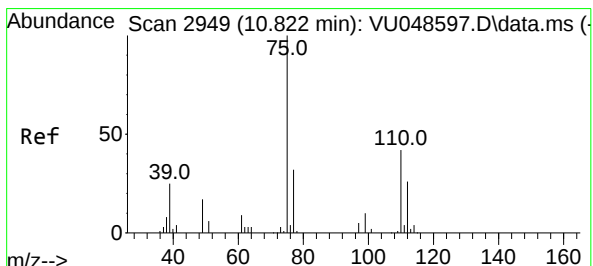
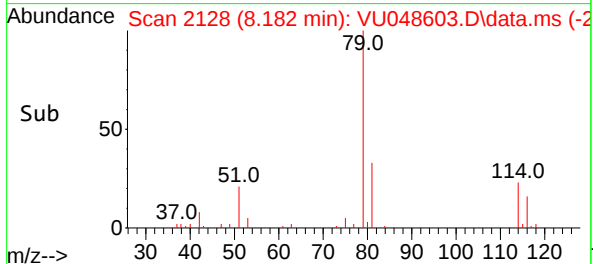
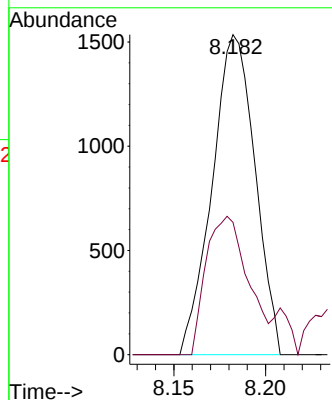
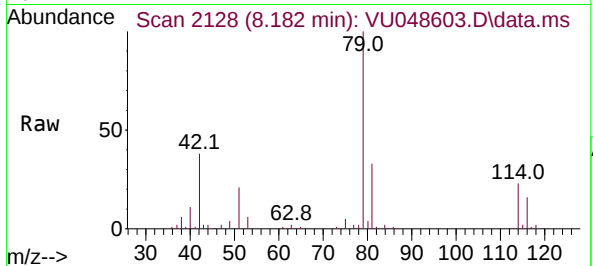
77 49.4 22.9 42.5#





#44
trans-1,3-Dichloropropene
Concen: 0.791 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.029 min
Lab File: VU048603.D
Acq: 17 May 2022 16:45

Tgt Ion: 75 Resp: 2493
Ion Ratio Lower Upper
75 100
77 41.4 22.7 42.1



#60
1,2,3-Trichloropropane
Concen: 4.699 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.994 min
Lab File: VU048603.D
Acq: 17 May 2022 16:45

Tgt Ion: 75 Resp: 12882
Ion Ratio Lower Upper
75 100
77 40.0 25.4 38.0#
110 3.7 32.1 48.1#

