

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051969.D
 Acq On : 20 Nov 2022 13:01
 Operator : JC/MD
 Sample : N5683-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQW0

Quant Time: Nov 21 01:01:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

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

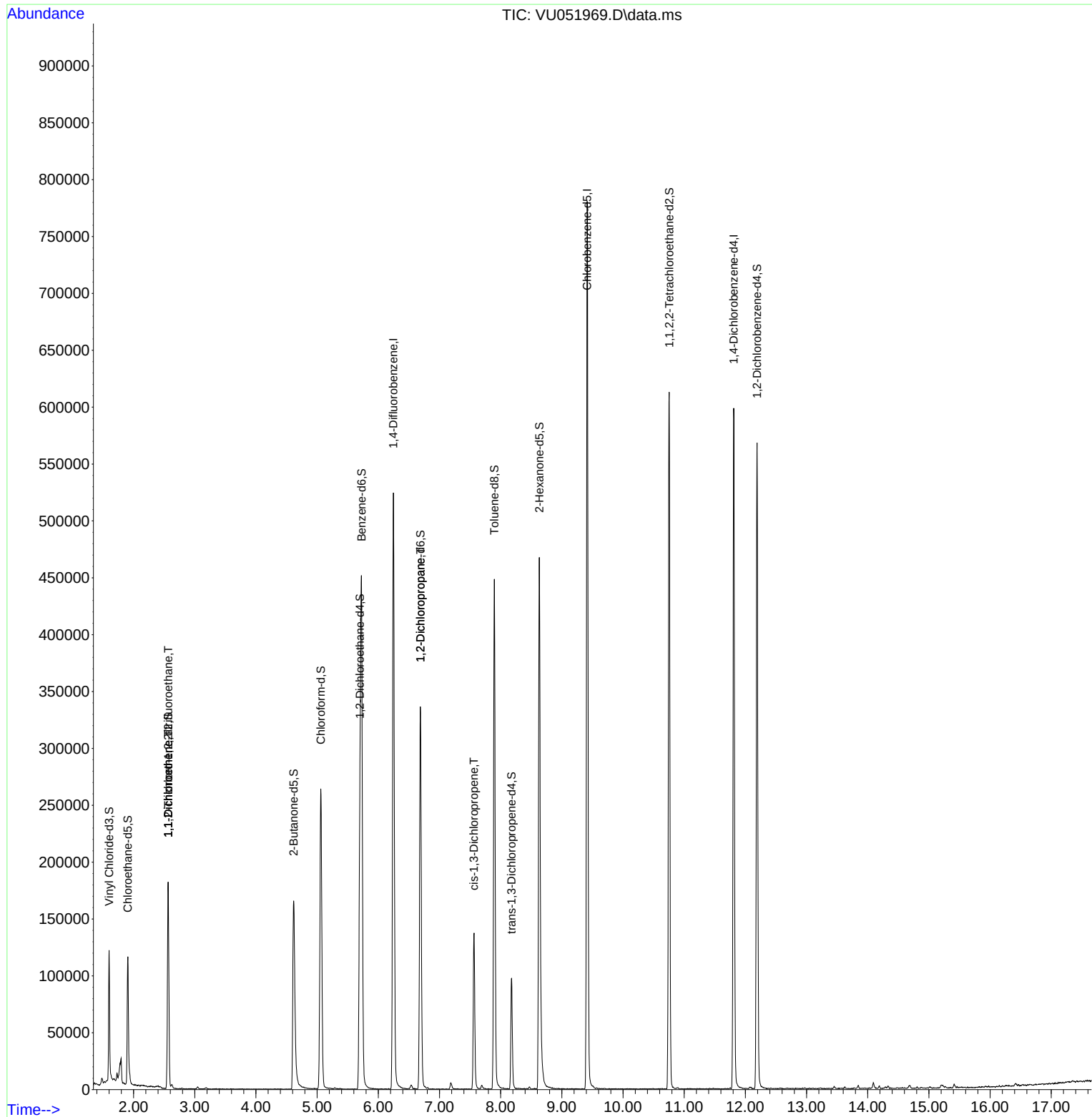
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	434064	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	444210	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	163241	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	83806	39.328	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.660%		
7) Chloroethane-d5	1.906	69	97339	45.591	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.180%		
11) 1,1-Dichloroethene-d2	2.565	63	107526	28.138	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.280%#		
21) 2-Butanone-d5	4.616	46	240029	99.057	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.060%		
24) Chloroform-d	5.060	84	252887	47.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.680%		
26) 1,2-Dichloroethane-d4	5.700	65	159759	48.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.720%		
32) Benzene-d6	5.726	84	426973	46.100	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.200%		
36) 1,2-Dichloropropane-d6	6.687	67	167807	48.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.340%		
41) Toluene-d8	7.896	98	313093	41.184	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.360%		
43) trans-1,3-Dichloroprop...	8.179	79	56330	41.021	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.040%		
47) 2-Hexanone-d5	8.632	63	154151	87.979	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.980%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	320680	47.792	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.580%		
66) 1,2-Dichlorobenzene-d4	12.192	152	158087	55.030	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.060%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1026	0.370	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	962	0.372	ug/L #	1
37) 1,2-Dichloropropane	6.687	63	16820	4.649	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	3125	0.660	ug/L #	32

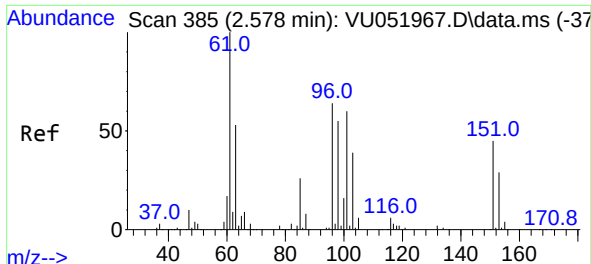
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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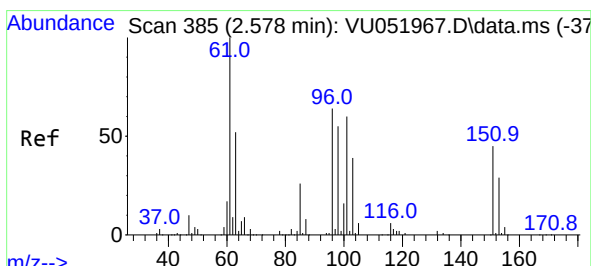
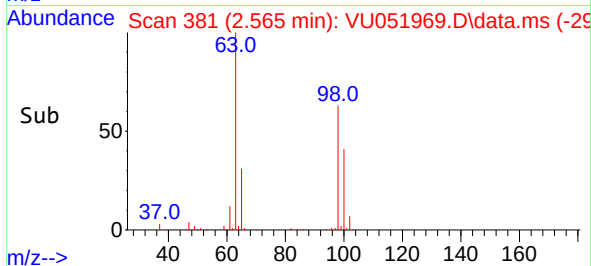
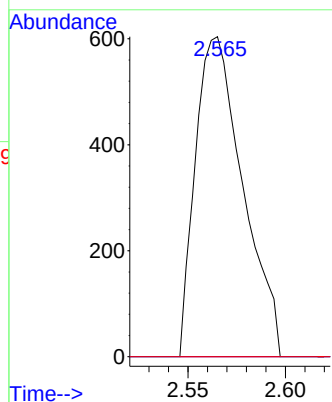
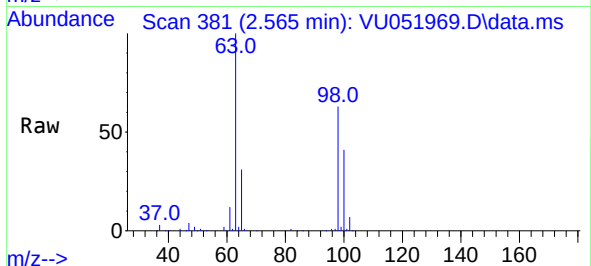




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.370 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU051969.D
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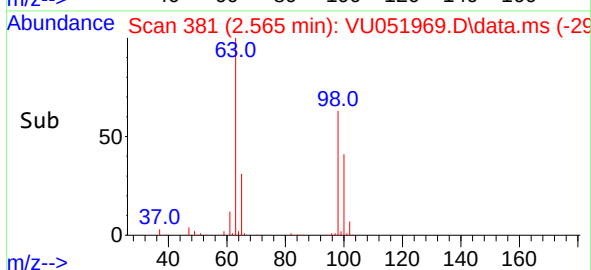
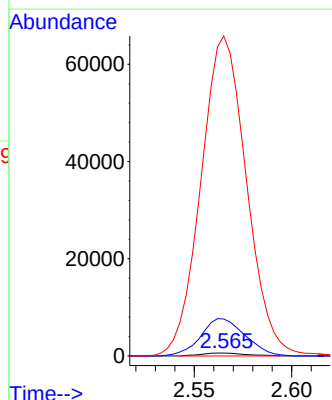
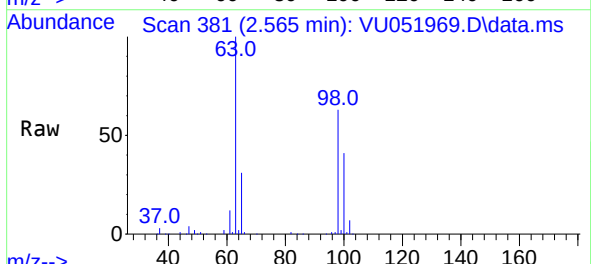
Instrument :
MSVOA_U
ClientSampleId :
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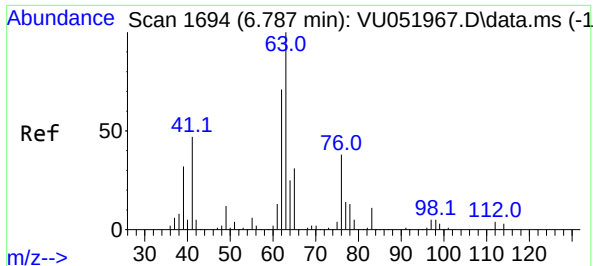
Tgt Ion:101 Resp: 1026
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.2#
151 0.0 58.3 87.5#



#12
1,1-Dichloroethene
Concen: 0.372 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU051969.D
Acq: 20 Nov 2022 13:01

Tgt Ion: 96 Resp: 962
Ion Ratio Lower Upper
96 100
61 1250.9 110.7 205.5#
63 10809.9 68.6 127.4#

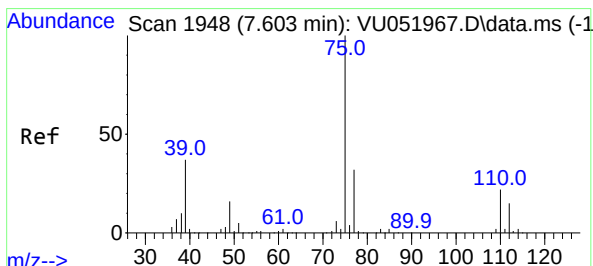
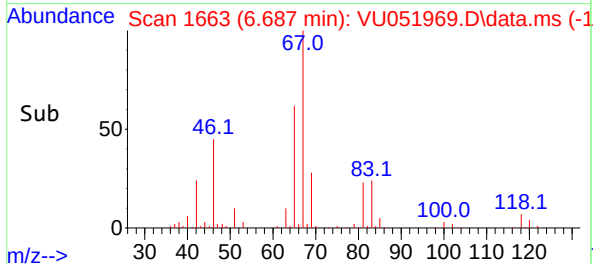
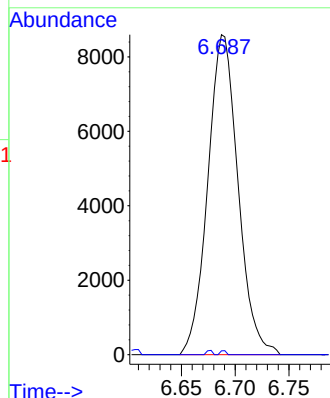
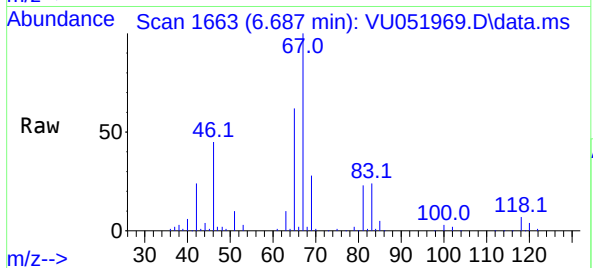




#37
1,2-Dichloropropane
Concen: 4.649 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU051969.D
Acq: 20 Nov 2022 13:01

Instrument :
MSVOA_U
ClientSampleId :
ESQW0

Tgt Ion: 63 Resp: 16820
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



#39
cis-1,3-Dichloropropene
Concen: 0.660 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.045 min
Lab File: VU051969.D
Acq: 20 Nov 2022 13:01

Tgt Ion: 75 Resp: 3125
Ion Ratio Lower Upper
75 100
77 69.8 22.5 41.7#

